

ANNUAL REPORT 2023





EDUCATION IN PARTNERSHIP



REVIEW 2023



Dear colleagues,

It is my great pleasure and privilege to present this report on a year in which ESOR activities have reached new heights and new corners of the world.

We have continued our offer of online courses, making excellent education easily available for aspiring radiologists everywhere. In s 2023 we have expanded our Foundation Course Series to include 13 courses on important topics from the European curriculum. In addition, we have also included 2 dedicated presentations on Patient Communication, underscoring our belief that radiological education is both about hard and soft skills.

This year also saw an impressive increase in the number of Visiting Professorship Programmes we have been able to offer. 11 total courses were completed - each with 3 speakers, 6 lectures and as many workshops. We are grateful and proud that so many national radiological societies have invited us to be a part of their offer for the next generation of radiologists.

With the many new Visiting Professorship Programmes, we have also been able to reach new ground. We have had our first ever visit to Moldova, offered a tailor-made online programme to Ukraine and hosted 400 participants for our course in Georgia.

We remain committed to bringing education to different regions of not just Europe, but the world, and look forward to seeing where the Visiting Professorship Programme will take us in the future.

Last but not least, interest continues to grow for our diverse range of Scholar- and Fellowship programmes. In total 417 young radiologists applied for the opportunity to go abroad to develop their skills, build their networks and have experiences that will last them a lifetime. ESOR conducted all its training programmes on a regular basis and was proud to have launched an innovative initiative aimed at strengthening multidisciplinary collaboration in 2023. These so-called ESOR Multidisciplinary Visiting Fellowships give a duo of one radiologist and one surgeon, who already work together in a multidisciplinary team in their home institution, the opportunity to get to know in tandem the environment of another training center abroad.

ESOR would like to express its appreciation for the unlimited support of its friends, lecturers, training centres, host organizers, national societies, and industry partners. We thank them for their belief in lifelong learning, ESOR is greatly indebted to them all.

In this report, all activities of 2023 are presented.

Professor Valerie Vilgrain
ESOR Scientific/Educational Director

ESOR Steering Committee 2024-2025

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FOUNDATION COURSES

In 2023, ESOR organised 13 online Foundation Courses, each on a specific topic. These courses adhered to the European Training Curriculum, levels I-II. Each of these six-hour-long online courses is broken up into theory lectures and case presentations with interactive elements, followed by Q&A sessions that facilitate audience communication with the faculty members. The ESOR Foundation Courses are aimed at residents in their 4th and 5th years of training in radiology and recently board-certified radiologists, but are open to all ESR members. CME credits are available for each live-streamed course.





Cardiovascular Imaging

January 18, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Cardiac CT anatomy, anatomical variants and anomalies
C. Loewe, Vienna/AT

/ MR techniques to characterize myocardial tissue
M. Pirnat, Maribor/SL

/ Cardiac CT in chronic coronary syndromes
M. Francone, Milan/IT

/ Ischemic cardiomyopathies
M. Pirnat, Maribor/SL

/ Cardiac CT in valvular interventions: pre-procedural planning and post-procedural evaluation
C. Loewe, Vienna/AT

/ Advanced cardiac imaging in right ventricular enlargement
M. Francone, Milan/IT

Number of participants

194

Country Statistics

Switzerland	23	Belgium	3	Armenia	1	Kosovo,	
Netherlands	22	Czech Republic	3	Bosnia and		Republic of	1
Romania	15	Egypt	3	Herzegovina	1	Libya	1
Austria	13	Ireland	3	Brazil	1	Mexico	1
Germany	11	Italy	3	Canada	1	Montenegro	1
United Kingdom	9	Slovakia	3	Chile	1	Russian	
Spain	8	Finland	2	Croatia	1	Federation	1
Greece	6	Norway	2	Denmark	1	Saudi Arabia	1
India	6	Oman	2	Georgia	1	Singapore	1
Lithuania	5	Serbia	2	Honduras	1	Tunisia	1
Bulgaria	4	Thailand	2	Hungary	1	United States of	
France	4	Türkiye	2	Iceland	1	America	1
Latvia	4	Viet Nam	2	Jamaica	1	N/A	1
Poland	4	Albania	1				
Portugal	4	Algeria	1				

Urogenital Radiology

February 1, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Adenomyosis and endometriosis

Rosemarie Forstner, Salzburg/AT

/ Acute presentation of gynaecological pathology

Gabriele Masselli, Rome/IT

/ Anatomical variations of the gynaecological tract

Nishat Bharwani, London/UK

/ Complications during pregnancy: placental, adnexal and non-adnexal

Gabriele Masselli, Rome/IT

/ Patient communication of significant findings during pregnancy

Elspeth Whitby, Sheffield/UK

/ Staging of endometrial and cervical cancer

Rosemarie Forstner, Salzburg/AT

/ Adnexal mass characterisation: O-RADS US and MRI

Nishat Bharwani, London/UK

Number of participants

229

Country Statistics

Switzerland	25	Egypt	4	Armenia	1	Moldova,	
Netherlands	19	India	4	Australia	1	Republic of	1
Romania	18	Ireland	4	Bosnia and		Montenegro	1
United Kingdom	16	Latvia	4	Herzegovina	1	Oman	1
Spain	15	Poland	4	Canada	1	Peru	1
Austria	12	Bulgaria	3	Chile	1	Saudi Arabia	1
Germany	10	Serbia	3	Estonia	1	Singapore	1
Czech Republic	7	Sweden	3	Finland	1	South Africa	1
Greece	7	Türkiye	3	Georgia	1	Ukraine	1
Belgium	6	Brazil	2	Honduras	1	United States of	
Norway	6	Croatia	2	Hungary	1	America	1
Slovakia	6	Thailand	2	Iceland	1	Uruguay	1
France	5	Albania	1	Italy	1	Uzbekistan	1
Lithuania	5	Algeria	1	Libya	1	Viet Nam	1
Portugal	5	Argentina	1			N/A	1

Conventional Radiology

February 15, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

- / **Chest-X-Ray: quality and normality criteria of frontal and lateral views. Pitfalls and limitations**
I. Hartmann, Rotterdam/NL
- / **Alveolar and Interstitial syndrome. CXR manifestations of tuberculosis and aspergillosis**
M.-P. Revel, Paris/FR
- / **Mediastinal syndrome: CXR manifestations and correlations with CT**
G. Chassagnon, Grenoble/FR
- / **Pleural and parietal syndrome. Manifestations of COPD**
I. Hartmann, Rotterdam/NL
- / **Lung atelectasis and lung nodule detection**
M.-P. Revel, Paris/FR
- / **Let's play with AI for CXR reading**
G. Chassagnon, Grenoble/FR

Number of participants

210

Country Statistics

Switzerland	25	Ukraine	3	Australia	2	Hungary	1
Netherlands	24	Poland	3	Viet Nam	1	Honduras	1
United Kingdom	18	Norway	3	Uzbekistan	1	Guatemala	1
Romania	15	Italy	3	Sweden	1	Georgia	1
Spain	14	Bulgaria	3	South Africa	1	France	1
Austria	10	Brazil	3	Singapore	1	Estonia	1
Germany	7	United States of		Russian		Canada	1
Belgium	7	America	2	Federation	1	Bosnia and	
Greece	6	Türkiye	2	Philippines	1	Herzegovina	1
Thailand	4	Serbia	2	Montenegro	1	Armenia	1
Slovakia	4	Oman	2	Mexico	1	Argentina	1
Portugal	4	Ireland	2	Libya	1	Algeria	1
Lithuania	4	Egypt	2	Latvia	1	Albania	1
India	4	Denmark	2	Kosovo,			
Czech Republic	4	Croatia	2	Republic of	1		

Medical Imaging Informatics

March 22, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ 3D in healthcare: actual revolution and future perspectives
A. Valls Barcelona/ES

/ Surgery tools design
J. L. Lindhardt, Aarhus/DK

/ The radiologist perspective: thinking in 3D (from volume rendering to STL)
F. Zuccarino, Barcelona/ES

/ 3D beyond surgical planning: research landscape in medical 3D Printing
Karina Hopfner, Munich/DE

/ The surgeon perspective: what surgeons need from 3D imaging
F. Thieringer, Basel/CH

/ Knowing the rules: MDR and Quality control applied to 3D Printing
S. Rentz-Chorherr, Vienna/AT

Number of participants

177

Country Statistics

Switzerland	22	Slovakia	4	Iran, Islamic Republic of	1	Uzbekistan	1
Netherlands	20	Lithuania	3	Estonia	1	Honduras	1
United Kingdom	12	Serbia	3	Armenia	1	Canada	1
Romania	12	India	3	Bosnia and Herzegovina	1	Montenegro	1
Ukraine	10	Czech Republic	3	Australia	1	Thailand	1
Spain	9	Ireland	3	Libya	1	Chile	1
Austria	9	Poland	3	Sweden	1	Argentina	1
Greece	7	Latvia	2	Slovenia	1	Mexico	1
Germany	7	Belgium	2	South Africa	1	Bulgaria	1
Portugal	5	Türkiye	2	United Arab Emirates	1	Russian Federation	1
Moldova,		Italy	2			Norway	1
Republic of	4	Egypt	2			Singapore	1
France	4	Brazil	2				

Breast Imaging

April 26, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Structured reporting with BIRADS

A. Athanasiou, Athens/GR

/ Patient communication: a patient perspective

C. Justich, Vienna/AT

/ Breast cancer screening: the need to become personalized

Vinnicombe, Cheltenham/UK

/ Update on 2D and 3D mammography

T. Helbich, Vienna/AT

/ Ultrasound of the breast: morphology and more

A. Athanasiou, Athens/GR

/ MRI of the breast: an update

Vinnicombe, Cheltenham/UK

/ Image-guided interventions

Helbich, Vienna/AT

Number of participants

230

Country Statistics

Switzerland	25	Czech Republic	4	Sweden	2	Uzbekistan	1
Netherlands	24	Greece	4	Tunisia	1	Canada	1
Romania	17	Türkiye	4	Russian Federation	1	Saudi Arabia	1
United Kingdom	15	Ireland	4	South Africa	1	Honduras	1
Ukraine	12	Poland	3	Denmark	1	Montenegro	1
Germany	11	Latvia	3	Armenia	1	Viet Nam	1
Austria	11	India	3	Algeria	1	United Arab Emirates	1
Spain	10	Thailand	3	Libya	1	Georgia	1
Moldova, Republic of	6	Egypt	3	Estonia	1	Mexico	1
Belgium	6	Australia	2	Slovenia	1	Israel	1
Slovakia	6	Bulgaria	2	Albania	1	Singapore	1
Portugal	5	Bosnia and Herzegovina	2	Kosovo, Republic of	1		
France	5	Finland	2	Peru	1		
Lithuania	4	Italy	2	Kenya	1		
Serbia	4	Oman	2				

Chest Imaging

May 10, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

- / Lung cancer: initial staging and TNM classification**
A.R Larici, Rome/IT
- / Response to systemic therapy: RECIST and Irecist criteria, pulmonary toxicity**
A.R Larici, Rome/IT
- / Lung cancer: atypical presentations**
I. Hartmann, Rotterdam/NL
- / Incidental findings in thoracic oncology**
I. Hartmann, Rotterdam/NL
- / Haemoptysis: what is the role of CT?**
M.-P Revel, Paris/FR
- / Cystic lung diseases: easy to diagnose!**
M.-P Revel, Paris/FR

Number of participants

261

Country Statistics

Netherlands	26	Serbia	4	Thailand	2	Oman	1
United Kingdom	25	Greece	4	Denmark	1	Uzbekistan	1
Switzerland	24	Bulgaria	4	Iran, Islamic Republic of	1	Honduras	1
Romania	19	Türkiye	4	Armenia	1	Norway	1
Ukraine	13	India	4	Algeria	1	Montenegro	1
Austria	12	Ireland	4	Libya	1	Saudi Arabia	1
Germany	11	Australia	3	Finland	1	Russian Federation	1
Spain	10	Brazil	3	Cyprus	1	Viet Nam	1
Portugal	7	Latvia	3	United States of America	1	Chile	1
Slovakia	7	Egypt	3	Estonia	1	Georgia	1
Moldova, Republic of	6	Slovenia	2	Albania	1	Guatemala	1
Poland	6	Bosnia and Herzegovina	2	Kosovo, Republic of	1	Sweden	1
Lithuania	5	Canada	2	United Arab Emirates	1	South Africa	1
Czech Republic	5	Singapore	2				
Belgium	5	Italy	2				
France	5	Croatia	2				

Interventional Radiology

May 24, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ **Non-invasive imaging of vascular disease**
R. Schernthaner, Vienna/AT

/ **Planning and safe performance of IR procedures**
M. de Bucourt, Berlin/DE

/ **Communication with the patient is key – before, during and after the procedure!**
R. Schernthaner Vienna/AT

/ **Vascular access and closure**
M. Krokidis, Athens/GR

/ **Vascular intervention I – arterial revascularization procedures**
R. Schernthaner, Vienna/AT

/ **Vascular intervention II – arterial embolization procedures**
M. de Bucourt, Berlin/DE

/ **Vascular intervention III – venous and hemodialysis access**
M. Krokidis, Athens/GR

Number of participants

189

Country Statistics

Switzerland	23	Türkiye	3	Iran, Islamic Republic of	1	Brazil	1
Netherlands	22	Egypt	3	Armenia	1	Bangladesh	1
Romania	13	Poland	3	Moldova, Republic of	1	Thailand	1
Germany	12	Serbia	2	Bosnia and Herzegovina	1	Lithuania	1
Austria	11	Algeria	2	Australia	1	Chile	1
United Kingdom	11	Latvia	2	Sweden	1	Georgia	1
Ukraine	10	Mexico	2	Croatia	1	Russian Federation	1
Spain	8	Italy	2	Cyprus	1	Oman	1
Slovakia	6	Czech Republic	2	United States of America	1	Hungary	1
Greece	5	Portugal	2	Kosovo, Republic of	1	South Africa	1
Ireland	5	Canada	2			Singapore	1
Belgium	4	Tunisia	1			Finland	1
Bulgaria	3	Denmark	1				
France	3	Slovenia	1				
India	3						

Neuroradiology

June 7, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Neuroradiological evaluation in patients with epilepsy

N. Bargallo, Barcelona/ES

/ Neuroimaging in multiple sclerosis

E. Papadaki, Crete/GR

/ Neuroimaging in dementia – the toolbox

F. Barkhof, Amsterdam/NL

/ Differential diagnosis of dementing disorders

F. Barkhof, Amsterdam/NL

/ Imaging finding in patients with drug resistant epilepsy.

N. Bargallo, Barcelona/ES

/ Neuroimaging in non-MS idiopathic inflammatory demyelinating disorders

E. Papadaki, Crete/GR

Number of participants

249

Country Statistics

Netherlands	27	Türkiye	4	Italy	2	Albania	1
Ukraine	21	India	4	Finland	2	Kosovo,	
Romania	21	Lithuania	3	Bulgaria	2	Republic of	1
United Kingdom	18	France	3	Thailand	2	Norway	1
Switzerland	15	Australia	3	Philippines	1	Serbia	1
Spain	12	Portugal	3	Denmark	1	South Africa	1
Austria	12	Egypt	3	Slovenia	1	Uzbekistan	1
Germany	10	Oman	3	New Zealand	1	Iraq	1
Greece	9	Brazil	3	Iran, Islamic		Honduras	1
Moldova,		Russian		Republic of	1	Bangladesh	1
Republic of	7	Federation	2	Armenia	1	Montenegro	1
Slovakia	6	Sweden	2	Bosnia and		Viet Nam	1
Ireland	6	Algeria	2	Herzegovina	1	Belarus	1
Czech Republic	5	United States of		Latvia	1	Georgia	1
Belgium	4	America	2	Estonia	1	Hungary	1
Poland	4	Croatia	2	Uruguay	1	Chile	1

Head & Neck Radiology

June 14, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Masticator space: anatomy and key Imaging features

E. Loney, Calderdale/UK

/ Carotid space: anatomy and key Imaging features

R. Maroldi, Milan/IT

/ Lesions of the hypopharynx: essential anatomy and key imaging features

S. Robinson, Vienna/AT

/ Parotid space: anatomy and key Imaging features

E. Loney, Calderdale/UK

/ Lesions of the larynx: essential anatomy and key Imaging features

R. Maroldi, Milan/IT

/ Lesions of head and neck lymph nodes: nomenclature and key imaging features

S. Robinson, Vienna/AT

Number of participants

283

Country Statistics

Ukraine	31	Czech Republic	5	Slovenia	2	Armenia	1
Netherlands	29	Sweden	4	Italy	2	Libya	1
United Kingdom	22	India	4	Algeria	2	Latvia	1
Switzerland	21	Ireland	4	United Arab Emirates	2	United States of America	1
Romania	21	Lithuania	3	Canada	2	Estonia	1
Austria	13	Türkiye	3	Croatia	2	Albania	1
Germany	12	France	3	Brazil	2	Uzbekistan	1
Spain	11	Bosnia and Herzegovina	3	Thailand	2	Norway	1
Greece	10	Egypt	3	Australia	1	Viet Nam	1
Belgium	9	Oman	3	Denmark	1	Chile	1
Moldova, Republic of	8	Poland	3	Iran, Islamic Republic of	1	Georgia	1
Portugal	7	Serbia	2	Malaysia	1	Mexico	1
Slovakia	7	Russian Federation	2	South Africa	1	Singapore	1
Bulgaria	6						

Hybrid Imaging

September 27, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ **The beauty of Hybrid Imaging – the tech basics**

T. Beyer, Vienna/AT

/ **FDG PET/CT in oncology: where is it in the guidelines**

C. Cyran, Munich/DE

/ **Hybrid imaging in infection and inflammation**

J.L. Vercher-Conejero, Barcelona/ES

/ **PSMA PET/CT for guiding therapy in prostate cancer**

C. Cyran, Munich/DE

/ **FAPI: still the next big thing**

L. Unterrainer, Munich/DE

/ **Total body PET/CT: the revolution in sight**

T. Beyer, Vienna/AT

Number of participants

197

Country Statistics

Netherlands	28	Slovakia	4	Armenia	1	Malaysia	1
Switzerland	21	Greece	3	Bosnia and		Mexico	1
Ukraine	17	Lithuania	3	Herzegovina	1	Moldova,	
United Kingdom	16	Chile	2	Bulgaria	1	Republic of	1
Romania	14	Czech Republic	2	Croatia	1	New Zealand	1
Austria	9	Egypt	2	Denmark	1	Oman	1
Spain	9	Estonia	2	France	1	Peru	1
Germany	8	India	2	Georgia	1	Singapore	1
Portugal	6	Norway	2	Honduras	1	South Africa	1
Belgium	4	Türkiye	2	Ireland	1	Sweden	1
Brazil	4	United States of		Italy	1	Thailand	1
Latvia	4	America	2	Kenya	1	Uruguay	1
Poland	4	Albania	1	Libya	1	Viet Nam	1

Paediatric Radiology

October 11, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Pearls and Pitfalls in Pediatric Head and Neck imaging

F. D'Arco London/ UK

/ Imaging pediatric stroke

M. Argyropoulou Ioannina/ GR

/ Liver tumours in children

S. Franchi-Abella Paris/ FR

/ Inner ear anatomy and malformations: a beginner's guide

F. D'Arco London /UK

/ Developing communication between parents and children in Paediatric Radiology

K. Rosendahl, Tromso/ NO

/ Imaging pediatric encephalitis

M. Argyropoulou, Ioannina/GR

/ Biliary disorders in children

S. Franchi-Abella Paris /FR

Number of participants

213

Country Statistics

Netherlands	26	Belgium	5	Bosnia and Herzegovina	2	Hungary	1
United Kingdom	20	Poland	5	United Arab Emirates	2	Canada	1
Switzerland	18	Czech Republic	4	Slovenia	2	Brazil	1
Romania	15	Greece	4	Italy	2	Honduras	1
Ukraine	14	India	4	Thailand	2	Bangladesh	1
Austria	9	Bulgaria	4	Georgia	2	Albania	1
Germany	8	France	4	Russian Federation	1	Egypt	1
Portugal	7	Latvia	4	Argentina	1	Viet Nam	1
Spain	6	Türkiye	3	Algeria	1	New Zealand	1
Slovakia	6	Ireland	3	South Africa	1	Chile	1
Moldova,		Serbia	2			Mexico	1
Republic of	5	Lithuania	2			Oman	1
Norway	5	Denmark	2			Singapore	1

Abdominal Imaging

November 8, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ **Diagnosis of Focal liver lesions based on their pattern of enhancement**

G. Brancatelli, Palermo/IT

/ **Imaging of rectal cancer**

D. Lambregts, Amsterdam/NL

/ **Spectrum of diffuse liver diseases**

C. Reiner, Zurich/CH

/ **Imaging of perianal fistulas**

C. Reiner, Zurich/CH

/ **Imaging of colon cancer**

D. Lambregts, Amsterdam/NL

/ **The small hepatic lesion in cirrhosis: detection and characterization**

G. Brancatelli, Palermo/IT

Number of participants

287

Country Statistics

Netherlands	33	Belgium	6	Australia	2	Hungary	1
Romania	29	Slovakia	6	United States of America	2	Italy	1
Ukraine	24	Lithuania	4	Albania	2	Kenya	1
United Kingdom	20	Bulgaria	4	South Africa	2	Uzbekistan	1
Switzerland	18	Türkiye	4	Egypt	2	Oman	1
Austria	11	Thailand	4	Chile	2	Canada	1
Germany	10	Latvia	4	Denmark	1	Honduras	1
Greece	9	India	4	Sweden	1	Montenegro	1
Spain	9	Norway	4	Armenia	1	Peru	1
Portugal	9	Serbia	3	Bosnia and Herzegovina	1	Viet Nam	1
Ireland	7	Czech Republic	3	United Arab Emirates	1	Belarus	1
Poland	7	France	3	Estonia	1	Guatemala	1
Brazil	6	Georgia	3			Russian Federation	1
Moldova, Republic of	6	Croatia	3			Singapore	1
		Slovenia	2				

Musculoskeletal Radiology

June 14, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Spinal trauma

B. Tins, Oswestry, UK

/ Inflammatory diseases of the spine

A. Cotten, Lille/FR

/ Bone marrow imaging: normal findings, variants and non-oncologic applications

F. Lecouvet, Brussels/BE

/ Degenerative diseases of the spine

B. Tins, Oswestry, UK

/ Sacroiliitis or not?

A. Cotten, Lille/FR

/ Bone marrow imaging: oncologic applications

F. Lecouvet, Brussels/BE

Number of participants

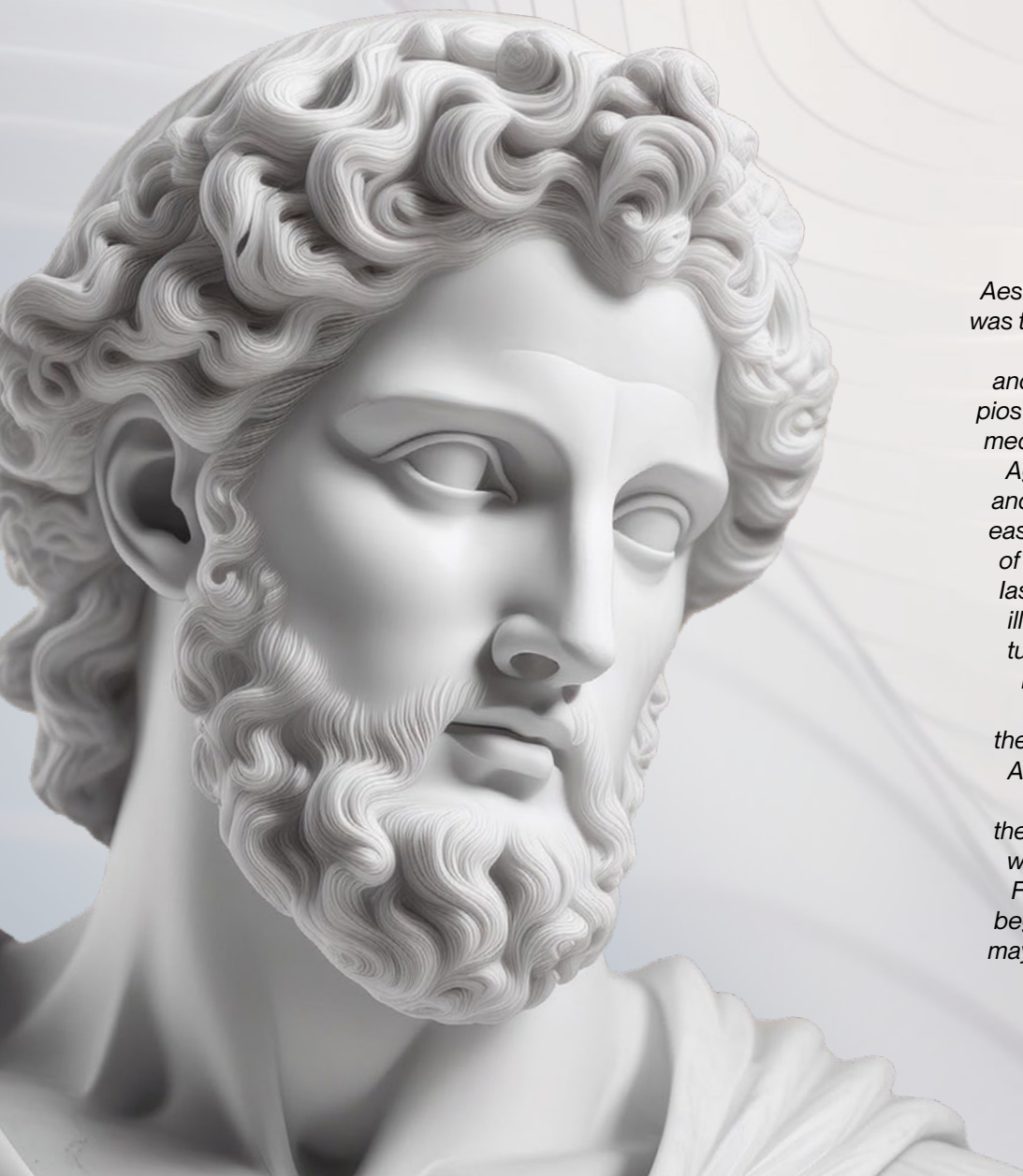
294

Country Statistics

Switzerland	27	Moldova,		Albania	2	Uzbekistan	1
Netherlands	27	Republic of	5	Singapore	2	Oman	1
United Kingdom	25	France	5	Italy	2	Korea, Republic of	1
Romania	24	India	5	Thailand	2	Brazil	1
Ukraine	24	Serbia	4	Canada	2	Honduras	1
Germany	16	Bulgaria	3	Russian		Peru	1
Belgium	10	Sweden	3	Federation	2	Bangladesh	1
Austria	10	Latvia	3	Philippines	1	Montenegro	1
Greece	8	Norway	3	Denmark	1	Viet Nam	1
Slovakia	8	Egypt	3	Iran, Islamic		United Arab	
Spain	7	Slovenia	2	Republic of	1	Emirates	1
Portugal	7	Türkiye	2	Argentina	1	Georgia	1
Lithuania	6	Bosnia and		Algeria	1	North Macedonia,	
Poland	6	Herzegovina	2	Cyprus	1	Republic of	1
Ireland	6	Australia	2	Croatia	1	Guatemala	1
Czech Republic	5	United States of		Estonia	1		
		America	2	Finland	1		



ASKLEPIOS COURSES AND TUTORIALS



Greek:

Ἄσκληπιός

Latin:

Aesculapius

Aesculapius Asclepius (or Asclepius) was the God of Medicine and reputed ancestor of the Asklepiades, the ancient Greek doctors' guild. Asclepius represents the healing aspect of medical arts. He had four daughters:

Aglaea, goddess of natural beauty and fitness, Hygeia, goddess of disease prevention, Panacea, goddess of healing (literally 'all-healing'), and Iaso, goddess of recuperation from illness. Healing temples and sanctuaries, called Asclepieia, became increasingly popular around 300

BC, when the afflicted flocked to their local Asclepieion to be healed.

Asclepius' most famous sanctuary was in Epidaurus, although it is in the Asclepieion on the island of Kos where Hippocrates, the legendary Father of Medicine, is said to have begun his career. Asclepius statues may be recognised by the presence of serpents.

Asklepios Courses in Europe

This year's programme included one ASKLEPIOS course, which was held on-site and tailored to serve professional development by addressing recognised needs in the context of continuous radiological education. The course was held on October 11-13, 2023, in Graz, Austria, on the topic of Breast Imaging, and attracted 23 applicants, of which 12 were accepted. The course was embedded as part of the traditional Graz tutorial, which was organised by the Medical University Graz under the supervision of Prof. M. Fuchsjäger and was supported by the ESR. The tutorial furthered the experience of young radiologists, residents in their last year of training, and board-certified radiologists in daily radiological practice through intense teaching and exchange in a European reference centre. The participants were offered one week of practical and theoretical knowledge and the opportunity to be integrated in the activities of an academic department of radiology.

Tutorials

The aim of the ESOR Tutorials is to further the experience of young radiologists, residents in their late years of training, and board-certified radiologists, in daily radiological routine through exchange and intense teaching in a designated reference centre. Two tutorial programmes took place in 2023, one in Astana, Kazakhstan, from June 5-9, and the other in Graz, Austria, shortly before the Asklepios course. Tutorials are offered at the European Training Curriculum levels 2-3.

The **Graz Tutorial** was aimed at radiology residents and recently board-certified radiologists from Eastern European countries. Participants attended lectures on various diagnostic and interventional radiology topics and received guided ultrasound, CT, and MRI training. They were integrated into the activities of an academic radiology department and learned first-hand about departmental workflow, quality assurance, and administrative principles.

The **ESOR Astana Tutorial 2023** enhanced the experience of young radiologists, residents in their late years of training, and board-certified radiologists in daily radiological routines. It offered a week of intense teaching, training, and knowledge exchange to young radiologists from Central Asian and CIS countries (Armenia, Azerbaijan, Belarus, Kazakhstan, Kyrgyzstan, Mongolia, Tajikistan, Turkmenistan, Uzbekistan, and Russia).

ESOR Astana Tutorial 2023

June 5–9, 2023 | Astana, Kazakhstan

Host: Prof. Tairkhan Dautov

TOPICS AND FACULTY:

June 5, 2023

- / **Imaging and management of acute pancreatitis**
C. Stoupis, Zurich/CH
- / **Acute appendicitis and its mimics**
C. Stoupis, Zurich/CH
- / **Liver pseudo-lesions on CT and MRI: how to recognise and classify them**
V. Sinitsyn, Moscow/RU
- / **The misty mesentery**
C. Stoupis, Zurich/CH
- / **The complex X-ray methods in early diagnostic of breast cancer in Kazakhstan**
R. Rakhimzhanova, Astana/KZ
- / **Modern and promising possibilities of CT and MRI**
A. Aspidov, Moscow/RU

June 6, 2023

- / **New developments in kidney imaging**
V. Sinitsyn, Moscow/RU
- / **Imaging of traumatic brain injuries**
A. Krainik, Grenoble/FR
- / **How to make a perfect cardiac CT study: tips and tricks**
V. Sinitsyn, Moscow/RU
- / **Imaging of neurodegenerative diseases**
A. Krainik, Grenoble/FR
- / **Imaging of cortical development malformations**
A. Krainik, Grenoble/FR
- / **CT-angiography in diagnostics of Total Anomalous Pulmonary Venous Return**
T. Dautov, Astana/KZ

June 7, 2023

- / **The role of intervention radiology in the diagnostic of breast diseases**
R. Rakhimzhanova, Astana/KZ
- / **Current problems of the use of iodine and gadolinium-based contrast agents**
N.L. Shimanovskii, Moscow/RU
- / **MRI of ovarian tumours**
Z. Abdrakhmanova, Astana/KZ
- / **PET-CT in oncology**
A. Saduakasova, Astana/KZ
- / **Photodynamic therapy in oncology**
N. A. Shanazarov, Astana/KZ
- / **Why do we need contrast agent injectors in CT and MRI**
K. Kovaleva, Graz/AT

June 8, 2023

- / Lung cancer imaging and staging
I. Tyurin, Moscow/RU
- / MSCT of diffuse interstitial lung pathology
E. Chuvakova, Astana/KZ
- / Imaging of community acquired pneumonia
I. Tyurin, Moscow/RU
- / Interventional procedures for valvular heart disease
S. Alimbaev, Astana/KZ
- / Imaging of pulmonary tuberculosis
I. Tyurin, Moscow/RU
- / From Artificial Intelligence to tomosynthesis: new techniques in radiology
J. Cant, Antwerp/BE

June 9, 2023

- / The determination of the ischemia of myocardium with modern method
M. Aripov, Astana/KZ
- / Intervention treatment of dysrhythmia
A. Abdrakhmanov, Astana/KZ
- / Interventional radiology in gynaecology
B. Abishev, Astana/KZ
- / Application of advanced MRI technology in the imaging of glial brain tumors
Z. Baiturlin, Astana/KZ
- / Ultrasound diagnosis in the pathology of abdominal aorta and its branches
Z. Kozhakhmetova, Astana/KZ
- / Emergency radiology in paediatrics
K. Maer, Astana/KZ

Number of participants

15

Country Statistics

Kazakhstan	5
Russia	3
Uzbekistan	3
Armenia	2
Azerbaijan	1
Kyrgyzstan	1

ESOR Graz Tutorial 2023 + Asklepios Course 2023 Cardiac Imaging

October 9–13, 2023 | Graz, Austria

Organised in partnership with the **Medical University Graz** under the chairmanship of Prof. Michael Fuchsjäger.

TOPICS AND FACULTY:

Graz Tutorial October 9, 2023

/ **Mammography: screening, diagnosis and BI-RADS**
G. Adelsmayr, Graz/AT, M. Fuchsjäger, Graz/AT

/ **The value of breast ultrasound for screening and diagnosis**
J. Steiner, Graz/AT, M. Fuchsjäger, Graz/AT

/ **Breast MRI – why, when, and how?**
M. Fuchsjäger, Graz/AT

/ **Image-guided breast interventions**
M. Fuchsjäger, Graz/AT

Graz Tutorial October 10, 2023

/ **Breast imaging expert cases**
G. Adelsmayr, Graz/AT, J. Steiner, Graz/AT, M. Fuchsjäger, Graz/AT

/ **Endovascular therapy of acute stroke: state-of-the-art**
H. Deutschmann, Graz/AT

/ **Differential diagnosis of liver lesions in CT and MRI**
E. Talakic, Graz/AT

/ **Paediatric trauma imaging: present and future**
S. Tschauner, Graz/AT

/ **Evaluation of bone tumours and soft tissue sarcomas**
J. Igrec, Graz/AT

Number of participants

10

Country Statistics

Armenia	2
Romania	2
Bulgaria	2
Albania	1
Lithuania	1
Poland	1
Serbia	1

TOPICS AND FACULTY:

Asklepios Course
October 11, 2023

- / **Cardiac MR imaging techniques**
U. Reiter, Graz/AT
- / **Cardiac MR in acute and chronic myocardial ischemia (including stress)**
D. Beitzke, Vienna/AT
- / **Cardiac MR in myocarditis: current guidelines, clinical applications**
M. Francone, Milan/IT
- / **Cardiac MR relaxation time mapping**
C. Reiter, Graz/AT
- / **Cardiac MR in cardiomyopathies**
M. Francone, Milan/IT

Asklepios Course
October 12, 2023

- / **Cardiac MR flow imaging**
C. Reiter, Graz/AT
- / **Cardiac MR imaging in valvular heart disease**
D. Beitzke, Vienna/AT
- / **The oncologic heart**
M. Francone, Milan/IT
- / **Cardiac CT imaging techniques**
K. Nikolaou, Tübingen/DE
- / **Cardiac CT in stable angina: current guidelines, clinical applications**
M. Pirnat, Maribor/SL
- / **Functional cardiac CT (FFR, Perfusion): vision, future or already reality?**
K. Nikolaou, Tübingen/DE

Asklepios Course
October 13, 2023

- / **Cardiac CT in valvular heart disease (incl. TAVI planning and follow up)**
C. Loewe, Vienna/AT
- / **CTA as planning tool beyond TAVI**
J. Schmid, Graz/AT
- / **Cardiac imaging in acute aortic diseases**
C. Loewe, Vienna/AT
- / **Pulmonary embolism and pulmonary hypertension: CT and MR**
C. Loewe, Vienna/AT
U. Reiter, Graz/AT
- / **Cardiac CT and MR in congenital heart diseases**
S. Tschauner, Graz/AT

Number of participants

18

INTER- NATIONAL COURSES

AIMS Seminars

The Advanced Imaging Multimodality Seminars (AIMS) have been set up by ESOR to create educational links and exchange between the European Society of Radiology and national radiological societies outside of Europe. The AIMS programmes are aimed at board-certified radiologists. In 2023, ESOR held an on-site AIMS session which was held in partnership with the Mexican Federation of Radiology (FMRI) and the Mexican Society of Radiology (SMRI). The seminar had 191 participants. The seminar was made possible by an unrestricted educational grant from Bracco.

ESOR AIMS Mexico 2023

Emergency Radiology

April 19–21, 2023

Mexico City, Wednesday, April 19, 2023

Morellia, Friday, April 21, 2023

Host Organizers:

Dr. Aracelli Cabanillas Segura

Dr. Leopoldo Salmeron Covarrubias

Dr. Rosa Maria Alanis Salazar

In partnership with

Sociedad Mexicana de Radiologia e Imagen. AC

TOPICS AND FACULTY:

/ **Pulmonary embolism: tips and tricks**

B.Ghaye, Brussels/BE

/ **Acute mesentery ischemia**

V.Vilgrain, Clichy/FR

/ **Stroke: how to diagnose promptly**

Y.Kimura Sandoval, Mexico City/MX

/ **Spinal cord compression:
the most common diagnoses**

A.Krainik, Grenoble/FR

/ **Abdominal pain: intestinal
occlusion and the differentials**

A.Cue Castro, Mexico City/Mx

/ **Gynaecological emergencies:
which imaging and how?**

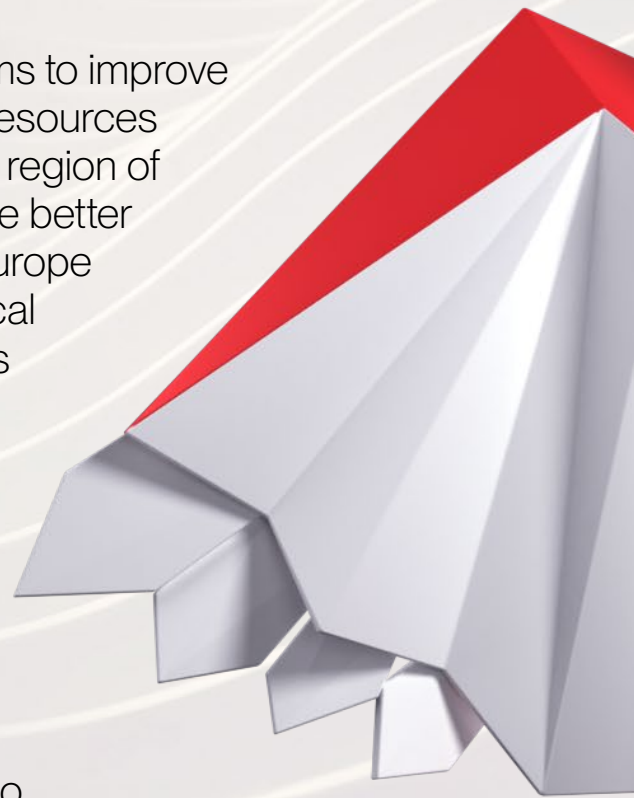
R.Forstner, Salzburg/AT

Number of participants

191

VISITING PROFESSORSHIP PROGRAMME

The Visiting Professorship Programme (VPP) aims to improve access to radiological training and educational resources for aspiring physicians and scientists from every region of Europe. With this programme, we strive to ensure better healthcare for future generations in regions of Europe with less easy access to cutting-edge radiological education and training. The programme consists of one-day educational activities delivered by European faculty members in connection with national meetings of the ESR member societies on a topic chosen by the inviting societies. CME accreditation is obtained for all applicable courses. In 2023, ESOR held two online Visiting Professorships, in Ukraine and Belarus, both on Chest Radiology. ESOR also held five International VPPs, in Mexico, Colombia, Central Asia (Kazakhstan), the Philippines, and Brazil, attracting a total of 718 participants. European VPPs, occurring in Georgia, Armenia, Moldova, Romania, and Serbia, attracted 962 participants and were on topics as varied as Cardiac Imaging and Musculoskeletal Radiology.





Visiting Professorship Programme to Colombia

Interventional oncology for the general radiologist

May 18, 2023 | Cartagena, Colombia

Host Organizer:

Dr. Luis Cruz. Medellin/CO

TOPICS AND FACULTY:

/ **Liver biopsy – Techniques
and indications**

V. Vilgrain, Clichy/FR

/ **Chest biopsy – Technical aspects**

M-P. Revel, Paris/FR

/ **Kidney biopsy – Technique and
tips to avoid complications**

F. Lubinus, Bucaramanga/CO

/ **Liver intra-arterial treatment**

V. Vilgrain, Clichy/FR

/ **Chest ablation**

M-P. Revel, Paris/FR

/ **MRI-Ultrasound fusion prostate biopsy**

S. Peláez, Medellin/CO

Number of participants

107

Visiting Professorship Programme to Georgia **ESOR Course on Cardiac Imaging**

May 26, 2023 | Tblisi, Georgia

Host Organizer:

Dr. Kostan Galumyan, Yerevan/Armenia

TOPICS AND FACULTY:

/ Gynaecological Emergencies

R. Forstner, Salzburg/AT

/ Prostate cancer

J. Futterer, Nijmegen/NL

/ Endometriosis

R. Forstner, Salzburg/AT

/ Benign prostate lesions

J. Futterer, Nijmegen/NL

/ Cervical and Endometrial Cancer

R. Forstner, Salzburg/AT

/ Pelvic Floor Imaging

J. Futterer, Nijmegen/NL

Number of participants

439

Visiting Professorship Programme to Armenia

Advanced Imaging of the Pelvis

June 10, 2023 | Yerevan, Armenia

Host Organizer:

Prof. George Tsivtsivadze, Tblisi/Georgia

TOPICS AND FACULTY:

- / **The role of Cardiac CT in chronic coronary syndrome**
R. Salgado, Antwerp/BE
- / **Imaging ischemic heart disease: MR perfusion, viability, and more**
M. Pirnat, Maribor/SLO
- / **Cardiac MR in Inflammatory cardiomyopathy: Myocarditis and beyond**
M. Francone, Rome/IT
- / **Cardiac CT beyond stenosis detection**
R. Salgado, Antwerp/BE
- / **Differential diagnosis and optimized imaging of the thickened ventricle**
M. Pirnat, Maribor/SLO
- / **CT and MR assessment of the right ventricle**
M. Francone, Rome/IT

Number of participants

112

Visiting Professorship Programme to Central Asia Emergency Radiology

June 28, 2023 | Astana, Kazakhstan

Host Organizer:
Prof. Tairkhan Dautov

TOPICS AND FACULTY:

/ Spinal trauma in adults and children

C. Calli, Izmir/TR

/ Pulmonary embolism: tips and tricks

H. Prosch, Vienna/AT

**/ Abdominal pain: intestinal
occlusion and the differentials**

I.Millet, Montpellier/FR

/ Intracranial Infection

C. Calli, Izmir/TR

**/ Acute thoracic pain and dyspnea:
what is beyond pulmonary embolism**

H. Prosch, Vienna/AT

**/ Gynaecological emergencies:
which imaging and how?**

I.Millet, Montpellier/FR

Number of participants

91

Visiting Professorship Programme to Ukraine Chest Radiology

July 5, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

- / **Pulmonary nodules**
H.-U. Kauczor, Heidelberg/DE
- / **Chest X-ray on the ICU**
H. Prosch, Vienna/AT
- / **Obstructive airway disease**
H.-U. Kauczor, Heidelberg/DE
- / **HRCT: patterns of interstitial lung disease**
H. Prosch, Vienna/AT
- / **Lung cancer: TNM staging**
A.R. Larici, Rome/IT
- / **Infectious and non-infectious inflammatory disease in immunocompetent, immunocompromised, and post-transplant patients including tuberculosis.**
A.R. Larici, Rome/IT

Number of participants

64

Visiting Professorship Programme to the Philippines Musculoskeletal Radiology

July 26, 2023 | Manila, Philippines
July 28, 2023 | Iloilo City, Philippines

TOPICS AND FACULTY:

- / **Imaging of bone tumors**
K. Verstraete, Ghent/BE
- / **Common patterns of ankle injuries**
D.D. Yu, Cebu/PH
- / **Septic inflammation, including osteomyelitis, spondylodiscitis; appendicular septic arthritis**
T. Grieser, Augsburg/DE
- / **Imaging of inflammatory diseases in pediatric population**
M. Francavilla, Bari/It
- / **Impingement syndromes**
M. Geslani, Manila/PH
- / **Ultrasound guided intervention: calcific tendinopathy**
A. Bazzocchi, Bologna/IT

Number of participants

207

Visiting Professorship Programme to Brazil Chest Radiology

August 24, 2023 | Belo Horizonte, Brazil

Host Organizer:
Luciana Cosa

August 26, 2023 | Salvador, Brazil

Host Organizer:
Helio Braga

TOPICS AND FACULTY:

/ **Pulmonary embolism and hypertension**

G.Aviram, Tel Aviv/IL

/ **Interstitial lung disease with
a focus on IPF and DDx**

M.Greaves, Manchester/UK

/ **Interstitial lung disease with
a focus on hypersensitivity
pneumonitis and vasculitis**

P.Torres, Goiânia/ BR

/ **Pulmonary and pleural
neoplasms: DDx and Staging**

A.Snoeckx, Antwerp/BE

/ **Airway and infectious diseases**

H-U. Kauczor Heidelberg/DE

/ **DDx and management of consolidations
and ground glass opacities**

A.Souza Junior, Sao Jose Do Rio Preto/ BR

Number of participants

122

Visiting Professorship Programme to Moldova

ESOR Course on Cardiac Imaging

June 28, 2023 | Chisinau, Moldova

Host Organizer:

Dr. Maxim Crivceanschii, Chisinau/Moldova

TOPICS AND FACULTY:

/ **Benign lesions of the
musculoskeletal system (part 1)**

K. Verstraete Ghent/BE

/ **Pitfalls in musculoskeletal imaging (part 1)**

F. Vanhoenacker Antwerp/BE

/ **Imaging sports related
musculoskeletal injuries (part 1)**

A. Karantanas Heraklion/GR

/ **Benign lesions of the
musculoskeletal system (part 2)**

K. Verstraete Ghent/BE

/ **Pitfalls in musculoskeletal
imaging (part 2)**

F. Vanhoenacker, Antwerp/BE

/ **Imaging sports related
musculoskeletal injuries (part 2)**

A. Karantanas Heraklion/GR

Number of participants

157

Visiting Professorship Programme to Romania Advanced MR of the Abdomen

September 21, 2023 | Craiova, Romania

Host Organizer:

Dr. Ioana Gheonea, Craiova/Romania

TOPICS AND FACULTY:

- / **What is new with MR of the abdomen:
contrast-enhanced, abbreviated MRI**
M. Zins, Paris/FR
- / **Which MR contrast agents
for liver imaging?**
V. Vilgrain, Clichy/FR
- / **Primary staging of Rectal cancer**
R. Beets-Tan, Amsterdam/NL
- / **MRI of the pancreas: what is important?**
M.Zins, Paris/FR
- / **MRI of primary liver cancer:
from diagnosis to staging**
V. Vilgrain, Paris/FR
- / **Response assessment after neoadjuvant
treatment of rectal cancer**
R. Beets-Tan, Amsterdam/NL

Number of participants

163

Visiting Professorship Programme to Balkan Congress of Radiology Neuroradiology

October 18, 2023 | Belgrade, Serbia

Host Organizer:

Prof. Ružica Maksimović, Belgrade/Serbia

TOPICS AND FACULTY:

/ Imaging in Acute Stroke

S.V. Cauter, Holsbeek/BE

/ CNS Infection

M.Thurnher, Vienna/AT

/ Traumatic Brain Injury

R.Duarte Armindo, Lisbon/PT

/ Brain Tumors

S.V. Cauter, Holsbeek/BE

**/ Non traumatic emergencies
beyond stroke**

M.Thurnher, Vienna/AT

**/ Interventional neuroradiology:
major endovascular treatments**

R.Duarte Armindo, Lisbon/PT

Number of participants

91

Visiting Professorship Programme to Belarus Chest Imaging

October 19, 2023 | Online on ESR Connect

TOPICS AND FACULTY:

/ Management of lung nodules
in the perspective of screening:
Management of solid nodules
M.-P. Revel, Paris/FR

/ Pleural neoplasms,
mesothelioma and others
F. Gleeson, Oxford/UK

/ Approach to Mediastinal Masses
E. Marom, Telaviv/IL

/ Management of lung nodules
in the perspective of screening:
Management of subsolid nodules
M.-P. Revel, Paris/FR

/ Lung cancer staging, new
TNM classification
F. Gleeson, Oxford/UK

/ Tumors of the Prevascular Mediastinum
E. Marom, Telaviv/IL

Number of participants

111



FUNDAMENTALS OF RADIOLOGICAL RESEARCH

In 2023, the Fundamentals of Radiological Research course expanded on the previous year's material with further online courses aimed at early-career radiologists interested in research, and open to all ESR members. Except for the first, each session consisted of a short introduction by a moderator, a forty-minute presentation by a leader in the field, and a fifteen-minute Q&A session.



SESSION 1:

Money money money! How to obtain your first research grant

MODERATORS:

Regina Beets-Tan, Amsterdam / Netherlands
Marion Smits, Rotterdam / Netherlands

SPEAKERS:

Susan Shelmerdine, London / United Kingdom
Erick Michael Mbuguje, Dar es Salaam / Tanzania
Eva Nabawanuka, Kampala / Uganda
Tajana Turk, Osijek / Croatia

SESSION 2:

Everything is connected: the why and how of multidisciplinary research

MODERATOR:

Regina Beets-Tan, Amsterdam/Netherlands

SPEAKER:

Àlex Rovira, Barcelona/Spain

SESSION 3:

Mentorship: A mutually beneficial relationship

MODERATOR:

Owen Arthurs, London/United Kingdom

SPEAKERS:

Dr. Yat Tsang, Ontario/Canada
Dr. Ian Simcock, London/United Kingdom

SESSION 4:

Sense & Sensitivity: statistics for diagnostic tests

MODERATOR:

Steve Halligan, St. Albans/United Kingdom

SPEAKER:

Ingrid Millet, Montpellier/France

SESSION 5:

Bias, confounding and other flaws

MODERATOR:

Laure Fournier, Paris/France

SPEAKER:

Francesco Sardanelli, Milan/Italy

SESSION 6:

Next Generation Researchers: Here's how to get started!

MODERATOR:

Marion Smits, Rotterdam/Netherlands

SPEAKERS:

Johannes Uhlig, Göttingen/Germany
Monika Radikè, Liverpool/United Kingdom
Oğuz Lafci, Ankara/Turkey
Àlex Rovira, Barcelona/Spain

ESOR TRAINING PROGRAMMES

ESOR offered the following training programmes in 2023:

Visiting Scholarship Programme Europe

The ESOR Visiting Scholarship Programme Europe offers qualified trainees the opportunity to get to know another training environment and to spark an interest in radiology subspecialisation. Over three months, scholars will be given a structured, modular introduction to different subspecialties and will be supervised by a specialised tutor in a pre-selected, highly esteemed academic training centre in Europe. 225 radiology residents applied for this programme in 2023. In total, 38 grants were awarded with the support of Bracco, the European Society of Radiology (ESR), the Colégio Brasileiro de Radiologia e Diagnóstico por Imagem (CBR), the Spanish Foundation of Radiology and the Georgian Association of Radiologists (GAR).

Exchange Programmes for Fellowships

The development of subspecialty fellowships in radiology through proper and structured training is one of the major aims of ESR and ESOR. In partnership with European Subspecialty and Allied Sciences Societies ESOR has organised

Exchange Programmes for Fellowships, which are aimed at rounding off educational requirements for subspecialty fellowships. The programmes are structured and mentored, and they are offered throughout a number of major European volunteer reference centres. Radiologists within their first four years of certification are eligible. Successful applicants enter three months of intense subspecialisation training and are provided with a grant from the ESR and the relevant subspecialty society.

33 recently board-certified radiologists had the possibility to pass modular training in their chosen subspecialty in 2023. The programmes included abdominal radiology (ESGAR – six fellows), breast radiology (EUSOBI – three fellows), cardiovascular radiology (ESCR – three fellows), head and neck radiology (ESHNR – three fellows), hybrid imaging (ESHIMT – one fellow) musculoskeletal radiology (ESSR – four fellows), neuroradiology (ESNR – four fellows), oncologic imaging (ESOI – one fellow), paediatric radiology (ESPR – three fellows), thoracic imaging (ESTI – three fellows), oncologic imaging (ESOR – one fellow) and urogenital radiology (2 fellows). In total, 164 young radiologists applied for the various topics.

Bracco Fellowships

This programme launched in 2017 and devoted to the professional and scientific development of young radiologists was re-initiated in 2023 on the occasion of the 95th anniversary of Bracco, in furthering Bracco's unbroken commitment to support the radiological community at large. Bracco will provide 105 grants between 2023 and 2025 that will be used to create training opportunities for young radiologists with high scientific potential at enrolling leading academic centres. Bracco Fellowships differ from other established ESOR Scholarships/Fellowships as they are not designed to cover a wider/ general area of a subspeciality. While 84 applications were received in 2023, 30 clinical fellowships and 9 research fellowships were granted.

Multidisciplinary Visiting Fellowships

ESOR is proud to have launched an innovative initiative aimed at strengthening multidisciplinary collaboration in 2023. This fellowship programme offers a duo of one radiologist and one surgeon, who already work together in a multidisciplinary team in their home institution, the opportunity to get to know in tandem the environment of another training center abroad. During this two-week visit, the visiting team will be provided with a structured, modular introduction to specific topics in one of the pre-selected, highly esteemed academic training centres in Europe as listed below. In 2023, 23 tandem applications were received and 3 grant winning teams were selected.

Nicholas Gourtsoyiannis Teaching Fellowship

The Nicholas Gourtsoyiannis Teaching Fellowship, established by the European Radiology Private Foundation in 2018, is aimed at radiologists with clinical and academic experience, who wish to enhance their teaching and training skills, by delivering lectures and undertaking interactive workshops in a foreign environment. The fellowship consists of two

visits, at two different radiology departments and/or universities chosen by the fellow. At each site, the fellow is asked to deliver two lectures/workshops. The fellow must prepare different lectures/workshops for each of the hosting centres. One grant was awarded in 2023.

Alexander R. Margulis Fellowship

On the occasion of the 100th birthday of Prof. Alexander R. Margulis in 2021, a world-renowned radiologist and MRI expert, the European Society of Radiology (ESR) launched a new fellowship aimed at young radiologists from Eastern and South-Eastern Europe who recently completed their board certification or are about to complete their residency soon. Dedicated to the ground-breaking clinical and scientific achievements of Prof. Alexander R. Margulis, this fellowship provides applicants with a twelve-month training in clinical MRI as well as in planning, performing and publishing MRI research projects at the Department of Biomedical Imaging and Image-Guided Therapy at the Medical University of Vienna under the chairmanship of Prof. Christian J. Herold. One grant was awarded in 2023.

One-Year Fellowships

In 2023, four One-Year Fellowships were made available in cooperation with some renowned training centers throughout Europe. Within the framework of this programme, qualified radiologists are given a unique opportunity to enter competitive, thematic, structured and certified proper fellowships at major European reference centres, which are funding the programme. During 12 months of training the fellows are incorporated in the specific departments to work on a dedicated, detailed programme supervised by specialised academic tutors.

A special word of thanks goes to the highly esteemed academic training centres and tutors, who enabled more than 5,177 young radiologists to apply for these programmes over the past seventeen years.



TESTIMONIALS FROM ESOR SCHOLARS/ FELLOWS





I am very grateful to ESOR and all the staff of the department of musculo-skeletal radiology in University Hospital

of Zürich for the incredible opportunity to take part in a three-month fellowship at one of the leading radiology centres in Europe. During the training period in a dedicated centre, I gained invaluable knowledge and experience in MSK imaging, allowing me to focus on the areas where I wanted to improve. In addition to daily clinical practice activities, I had the opportunity to participate in educational lectures, teachings for residents, reporting sessions, and weekly multidisciplinary meetings with previous discussions with my excellent tutor Dr Roman Guggenberger. I was also involved in clinical activities and publications. This fellowship program allowed me to take a big step towards my goal of becoming a Musculo-skeletal Radiologist.

João Saraiva Alexandre

HOME CENTRE:

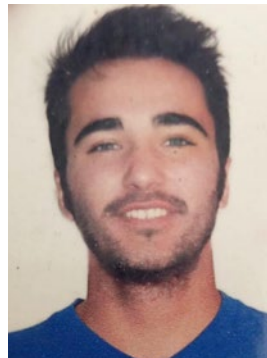
Hospital Prof. Dr. Fernando Fonseca,
Lisbon, Portugal

TOPIC:

Musculoskeletal Radiology

ASSIGNED TRAINING CENTRE:

University Hospital of Zürich
Zürich/SWITZERLAND



The experience at Toulouse Hospital under the mentorship of Professor Bonneville was very positive because

it allowed me to enhance my knowledge in the field of diagnostic neuroradiology. Professor Bonneville, his staff, and residents were inclusive, which facilitated my integration in a city where I knew no one. This experience allowed me not only to improve my working knowledge, but also to improve my language skills by practicing English and beginning to learn French.

Pietro Bartolo

HOME CENTRE:

Ospedale Maggiore, Parma, Italy

TOPIC:

Neuroradiology

ASSIGNED TRAINING CENTRE:

Hôpital Purpan
Toulouse/France



I want to express my sincere gratitude to ESOR for granting me this exceptional opportunity, which has

profoundly influenced both my professional and personal development. Over a three-month period, I had the privilege of being part of Professor Marc-André Weber's team at the University of Rostock, focusing on musculoskeletal radiology. I am grateful to each team member for their warm welcome, shared expertise, and constant support. Throughout this internship, I have experienced a significant improvement in both my knowledge and passion for musculoskeletal radiology. Additionally, I have developed a heightened interest in research and publishing. In the future, I am enthusiastic about applying the knowledge gained during this Scholarship in my home country, contributing to the progress of musculoskeletal radiology. This experience has not only provided professional insights but has also established connections that I hope will last for a lifetime.

Monica Maria Buturoiu

HOME CENTRE:

Clinical Emergency Hospital Floreasca, Bucharest, Romania

TOPIC:

Musculoskeletal Radiology

ASSIGNED TRAINING CENTRE:

University Medical Centre Rostock
Rostock/GERMANY



I'm immensely grateful to the ESOR Scholarship for the invaluable opportunity to train at the Cham-

palimaud Clinical Centre, guided by Prof. Matos. This experience greatly expanded my expertise in abdominal imaging. Throughout the scholarship, I observed numerous cases, guided by seasoned experts, and engaged in weekly multidisciplinary meetings and scientific gatherings. The scholarship introduced me to secretin MRCP imaging, a new technique for me, and enabled contributions to ongoing studies on radiomics/AI for multiparametric prostate MRI and HCC detection. Beyond professional growth, it significantly impacted my personal development, immersing me in a new environment and culture for three months. I extend heartfelt thanks to Prof. Celso Matos, Dr. Ines Santiago, and the entire radiology department for their dedication to sharing knowledge and experience.

Raşit Eren Büyüktoka

HOME CENTRE:

Izmir Bozyaka Education and Research Hospital, Izmir/TR

TOPIC:

Abdominal Radiology

ASSIGNED TRAINING CENTRE:

Champalimaud Clinical Centre, Lisbon/PT



Each day, the whole team starts with a morning meeting discussing today's cases and logistics. I was then assigned

to one of the angiography, CT, or US suites, where either under supervision or assistance I perform a vast spectrum of interventional procedures. This was a great way to learn and experience the whole heavy workload at the huge Erasmus MC! There was always time to discuss all relevant questions and next steps both therapeutical and diagnostic teams. Each day there were plenty of (up to five) Multidisciplinary Team Meetings where we put our heads together to discuss difficult cases. All in all, this was an amazing educational experience.

Marek Cias

HOME CENTRE:

Central Clinical Hospital of Ministry of Internal Affairs and Administration (CSK MSWiA)/National Medical Institute of Ministry of Internal Affairs and Administration (MSWiA), Warsaw, Poland

TOPIC:

Interventional radiology.

ASSIGNED TRAINING CENTRE:

Department of Radiology and Nuclear Medicine, Division of Interventional Radiology
Erasmus Medical Center
Rotterdam/THE NETHERLANDS



I am pleased to report on my 3-month scholarship at the University Hospital of Ioannina under the

ESOR Visiting Scholarship Programme. I had been looking forward to this opportunity since my first year of residency, when I started to attend paediatric examinations and realised that Paediatric Radiology would be my area of specialisation and would require my full focus. Even before my arrival, Prof. Maria I. Argyropoulou made me feel very welcome, and the whole team was invested in my training and in providing the best experience during my scholarship. I was fully included in the daily clinical work and had the opportunity to attend clinic-radiological meetings with paediatricians and neurologists, which I found very enriching for my daily practice. Besides the educational purpose of this scholarship, this opportunity enriched me more than just professionally, for which I will be forever grateful.

Filipa Lima Coelho

HOME CENTRE:

Centro Hospitalar Universitário de Santo António, Porto, Portugal

TOPIC:

Paediatric Radiology.

ASSIGNED TRAINING CENTRE:

Department of Radiology
University Hospital of Ioannina
Ioannina/GREECE



During my tenure at NKI, my primary engagement revolved around active participation in various research projects, with a predominant focus on Prostate and Bladder cancer.

The research department, a diverse assembly of investigators from around the world, collectively concentrated on the integration of Artificial Intelligence and Deep Learning models into cancer research. I performed segmentations on MRI scans for both bladder and prostate cancer. The collaborative efforts within the research projects are anticipated to yield fruitful outcomes, with the aspiration of seeing our work published in 2024. In addition to my involvement in research endeavours, I actively contributed to weekly multidisciplinary meetings centred on bladder and prostate cancer. This platform provided a valuable opportunity to collaborate with experts in the field and enhance my understanding of the complexities involved. Moreover, I had the privilege of observing target trans-perineal prostate biopsies, gaining firsthand insights into clinical procedures and expanding my practical knowledge. I extend my sincere gratitude to my mentor, Professor Ivo Schoots, whose

invaluable insights, humility, and guidance have been instrumental in shaping my experience over the past three months. Professor Schoots' mentorship has not only enriched my understanding of the subject matter but has also inspired me to strive for excellence in my future endeavours.



I have spent three months in the Diagnostic and Interventional Radiology Department at the University Hospital Frankfurt. During this time, I expanded my knowledge of

radiology, both the technical part- which is necessary for good image quality control- and the clinical part, which is essential for good patient-centred management and care. Having a great and thoughtful tutor within the framework of this programme, I was able to take part in logical, multi-layered clinical discussions. I am thankful for this great opportunity and believe that the skills I gained during this scholarship will provide a significant advantage for my daily work in my home country.

Ailin Dehghanpour

HOME CENTRE:

Policlinico Umberto I, La Sapienza, University of Rome, Rome, Italy

TOPIC:

Urogenital Radiology.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS

Anna Dumbadze

HOME CENTRE:

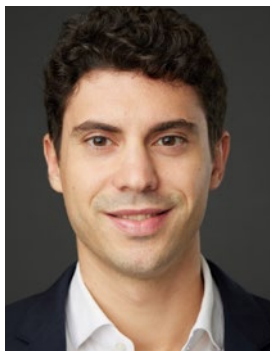
Todua Clinic, Tbilisi, Georgia

TOPIC:

Cardiac imaging.

ASSIGNED TRAINING CENTRE:

University Hospital Frankfurt
Frankfurt-am-Main/GERMANY



During my paediatric imaging training as an ESOR visiting scholar at Hospital Sant Joan de Déu in Barcelona, I had

the privilege of delving into a diverse array of clinical cases, including- but not limited to- oncological, rheumatological, and traumatological conditions, as well as congenital and neonatal pathologies. This enriching experience not only provided valuable insights but also allowed me to cultivate new skills within the specialised field of paediatric MSK. I feel fortunate to have collaborated with outstanding consultants, including my tutor, Dr. Emilio Inarejos, whose clinical expertise significantly contributed to my professional growth in a nurturing work environment. Throughout my time at Hospital Sant Joan de Déu, I actively engaged in various activities such as multidisciplinary team meetings, lectures, and scientific gatherings. These experiences played a pivotal role in enhancing my educational journey and contributing significantly to my overall development.

Gianluca Folco

HOME CENTRE:

ASST Grande Ospedale Metropolitano Niguarda and Ospedale dei Bambini Vittore Buzzi, Università degli Studi di Milano, Milan, Italy

TOPIC:

Paediatric Radiology.

ASSIGNED TRAINING CENTRE:

Hospital Sant Joan de Déu,
Barcelona Children's Hospital
Esplugues de Llobregat
Barcelona/SPAIN



During my training period, I had the chance to visit Maastricht University Medical Centrum thanks to

the ESOR Visiting Scholarship programme 2023. The experience improved my clinical knowledge in the field of breast imaging and gave me the chance to perform a large number of ultrasound-guided procedures. Having the opportunity to visit MUMC+ has brought a lot of positive experiences and has broadened my horizon as a future radiologist. Their experience and dedication is inspiring and the work environment in MUMC+ is encouraging, promoting a safe space for comprehensive radiology education.

Larisa-Rucsandra Gheghe

HOME CENTRE:

Spitalul Clinic Judetean de Urgenta Cluj-Napoca, Cluj-Napoca, Romania

TOPIC:

Breast imaging.

ASSIGNED TRAINING CENTRE:

Maastricht University Medical Center
Maastricht/THE NETHERLANDS



During my three-month MSK radiology fellowship at LUMC, I fully engaged in a professionally enriching environment.

In the MSK section, my schedule was packed with analysing daily radiographs, CT scans, and MRI images. I also attended arthrography procedures and ultrasound sessions. A notable achievement was contributing to a case report submission. This experience not only significantly enhanced my radiological expertise but also offered valuable personal experiences. As a Spaniard, I really enjoyed the cozy charm of Leiden during winter, with its unique Dutch feel and friendly people. However, the never-ending drizzle did give my cheerful spirit a playful challenge! The city's navigability, especially by bike, added a layer of joy to my daily life. This fellowship has been an invaluable gift, and I am deeply grateful for this extraordinary opportunity.

Tania Marlem Chico González

HOME CENTRE:

Hospital Universitario de Canarias, Tenerife, Spain

TOPIC:

Musculoskeletal radiology.

ASSIGNED TRAINING CENTRE:

Leiden University Medical Center
Leiden/THE NETHERLANDS



Embarking upon the ESOR Visiting Fellowship has afforded me a comprehensive and immersive

exploration of the intricate domain of neuroradiological imaging. Under the guidance of esteemed mentors, I have meticulously refined my skills in the nuanced interpretation of complex neuroimaging studies, encompassing a spectrum from magnetic resonance imaging (MRI) to computed tomography (CT) scans. This fellowship has provided invaluable exposure to multidisciplinary collaborations, thereby enhancing my diagnostic acumen and fostering an in-depth comprehension of diverse pathologies inherent to neurological disorders. The experience, coupled with scholarly pursuits, has strategically positioned me at the vanguard of neuroradiological advancements, establishing a lasting commitment to excellence within the realm of neuroimaging.

Yasin Celal Gunes

HOME CENTRE:

Ankara Atatürk Sanatorium Training and Research Hospital, Ankara Bilkent City Hospital, Ankara, Turkey

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Addenbrooke's Hospital, Cambridge University
Cambridge/UNITED KINGDOM



The three-month fellowship at the Gaslini Hospital's neuroradiology department has significantly broad-

ened my expertise in paediatric neuro-radiology, neuro-oncology, and AI diagnostics. Collaborating with the esteemed scientists in this department has allowed me to actively contribute to the research on central nervous system tumours and the integration of artificial intelligence and radiomics into diagnostic algorithms. This aligns perfectly with my original goals when applying for this scholarship. I am deeply grateful for the incredible opportunity you have provided me. Thank you once again!

Catalin George Iacoban

HOME CENTRE:

Evangelisches Krankenhaus Oldenburg, Oldenburg, Germany

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Istituto Giannina Gaslini
Genoa/ITALY



My stay at Heidelberg University Hospital has been very beneficial for me in many ways. Firstly, profession-

ally speaking, I have been able to integrate myself into the daily activity of one of the leading oncology centres in Germany, which has allowed me to review multiple cases and attend different multidisciplinary tumour boards. Secondly, on a personal level, I have had the occasion to get to know another country, its people and culture. I would therefore like to thank the ESOR Scholarship Programme for giving me this opportunity, which has allowed me to take advantage of and enjoy this experience.

Elena Julián Gómez

HOME CENTRE:

Hospital Universitario Marqués de Valdecilla, Santander, Spain

TOPIC:

Oncologic Imaging.

ASSIGNED TRAINING CENTRE:

University Medical Center Heidelberg
Heidelberg/GERMANY



I was very warmly received in this centre. I directly participated in more than 500 transarterial chemoembolisation

and chemoperfusion procedures at the Frankfurt University Hospital. I also performed more than 30 prostate artery embolisations, about 15 TIPS, and their revisions. I observed numerous radiofrequencies, microwave, and cryoablation procedures, and I participated in MRI and CT-guided biopsy procedures. Over the course of three months, I have learned so much in this modern interventional radiology centre. I attended departmental lectures every Monday morning, and was offered the opportunity for academic work, which resulted in several publications/potential publications. I am grateful for this incredible experience.

Esat Kaba

HOME CENTRE:

Department of Radiology, Recep Tayyip Erdogan University, Rize, Turkey

TOPIC:

Interventional Radiology.

ASSIGNED TRAINING CENTRE:

Frankfurt University Hospital
Frankfurt-am-Main/GERMANY



Over the past three months I took part in the ESOR Visiting Scholarship Europe on Musculoskeletal Radiology at King's College London. This has been an extremely productive and educational experience for me, building my knowledge on MSK radiology and helping

me become confident, efficient, and accurate in the reporting of MSK MRI and CT. I have also become more independent and proficient in US-guided MSK interventions. Over the course of the fellowship, I managed to complete a log-book of 185 independent reports of musculoskeletal MRI and CT which were read and discussed with a consultant. I also independently performed 140 US-guided musculoskeletal injections under supervision, and observed a further 75. In addition, I completed a review of the imaging of the 130 MSK tumours that were presented at King's College London from 2017 onwards, getting experience on the imaging appearance and the results of the biopsy. The results of this work will be used to create abstracts for ESSR and ECR and for the preparation of a pictorial review. I also prepared and presented a lecture to ED nurses on the imaging of trauma and will be preparing an educational article on important pickups in trauma imaging, supported by my tutors. Finally, I attended the trauma meetings and rheumatology MDTs of the department, getting important experience on both topics. Overall, this has been a very productive and educational experience and King's College London has been a great place for this ESOR Fellowship.

Michail Klontzas

HOME CENTRE:

University Hospital of Heraklion, Heraklion, Greece

TOPIC:

Musculoskeletal Radiology.

ASSIGNED TRAINING CENTRE:

King's College London, London/UNITED KINGDOM



I would first like to thank the ESOR for the wonderful time I spent at the Department of Neuroradiology in

Freiburg. It was very beneficial to witness multidisciplinary collaboration in the diagnosis and treatment of neurological and neurovascular diseases, including oncological cases. This internship served as valuable inspiration to enhance interdisciplinary collaboration in my home hospital. Simultaneously, I had the opportunity to observe unique teamwork in the diagnosis and treatment of spontaneous intracranial hypotension, for which this Department serves as a reference centre. Over the course of three months, I encountered numerous rare cases. This scholarship provided me with a unique opportunity to build new friendships and contacts with experts in the field, as colleagues from various countries regularly visit this institution.

David Kocan

HOME CENTRE:

National Institute for Cardiovascular Diseases, University Hospital Bratislava, Bratislava, Slovakia

TOPIC:

Head and neck.

ASSIGNED TRAINING CENTRE:

Department of Neuroradiology, University of Freiburg Medical Centre, Freiburg/GERMANY



My training at Hospital La Fe was transformative, blending traditional cardiac imaging with innovative

applications research. The expertise of Prof. Luis Marti-Bonmatí and Dr Carlos Muñoz significantly enriched my understanding of radiology's future. The programme's blend of hands-on training, academic learning, and research opportunities in a welcoming environment was invaluable. It struck a perfect balance between learning cardiac imaging best-practices and exploring the frontiers of imaging research. My understanding of the intricate interplay between new technology and radiology deepened significantly. The visiting program offered an opportunity for my professional development in a supportive and collaborative environment. This expanded my skillset but also provided me with a broadened international perspective. I suggest residents from all over Europe to try this experience, especially at La Fe Institute.

Mario Laudazi

HOME CENTRE:

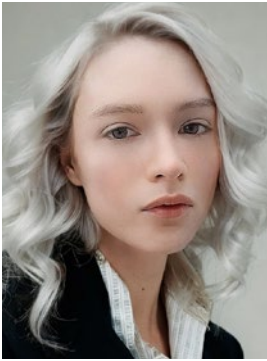
Policlinico Tor Vergata, Università Degli Studi di Roma, Rome, Italy

TOPIC:

Cardiac imaging.

ASSIGNED TRAINING CENTRE:

Cardiothoracic Radiology Section, Radiology Department
Clinical Area of Medical Imaging Department, University Hospital La Fe
Valencia/SPAIN



During my fellowship as an ESOR scholar at Addenbrooke's Hospital I've been able to learn in

an advanced and highly specialized training environment. This fellowship not only allowed me to act as an observer of cutting-edge techniques, but also gave me direct contact with leading experts in the field of breast imaging. In so doing, I was able to further refine my diagnostic skills through the exposure to a wide spectrum of breast pathologies. Being able to observe some of the latest imaging technologies such as CEM and ABUS helped me develop my proficiency in both the detection and characterization of breast diseases. Other than enhancing my clinical expertise, the multidisciplinary and collaborative approach at Addenbrooke's Hospital offered a comprehensive understanding of the quality of care for patients with breast cancer. I can definitely say that this experience has played an important role in my career.

Sara Marziali

HOME CENTRE:

IRCCS Policlinico San Donato, Milan, Italy

TOPIC:

Breast radiology.

ASSIGNED TRAINING CENTRE:

Addenbrooke's Hospital, Cambridge University
Cambridge/UNITED KINGDOM



I attended the ESOR Visiting Scholarship from the 1st of September until the 30th of November,

under the supervision of Dr Fernando Gómez Muñoz, MD PhD, guaranteed by Prof. Regina Beets-Tan. Everyday activities included participating in ultrasound and CT guided biopsies as well as less complex interventions such as nephrostomies, PICC lines, and more. Complex interventions in operating rooms were held on Mondays and Wednesdays and included thermal ablations, embolisations, vertebroplasties, and lymphographies. I also joined the scientific staff, contributing greatly to the AI department with tumour segmentations. Overall, the scholarship at NKI has greatly altered my views on individual patients, their treatment options, and procedure planning and indications. There are multiple things that can be implemented also in my home hospital in Brno, Czechia.

Peter Matkulčic Marziali

HOME CENTRE:

University Hospital Brno, Fakultní Nemocnice, Brno, Czechia

TOPIC:

Interventional radiology.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



During my training in chest imaging as an ESOR visiting scholar at Addenbrooke's Hospital in Cambridge, I was

able to gain exposure to a wide variety of clinical cases pertaining to thoracic pathologies. I obtained precious insights along with developing new skills in this setting. Moreover, I was lucky enough to work with outstanding consultants, such as my tutor Dr Judith Babar, who were extremely skilled from a clinical perspective and created a wonderful working environment, fostering further learning. Throughout my time at Addenbrooke's Hospital I was also able to participate in various activities such as multidisciplinary team meetings, lectures, and scientific meetings, which helped further contribute to my education.

Caterina Beatrice Monti

HOME CENTRE:

IRCCS Policlinico San Donato, ASST Grande Ospedale Metropolitano Niguarda, Milan, Italy

TOPIC:

Chest radiology.

ASSIGNED TRAINING CENTRE:

Addenbrooke's Hospital, Cambridge University Cambridge/UNITED KINGDOM



My time at King's College Hospital proved to be an invaluable experience from both personal and

professional standpoints. I had the privilege of working alongside some of the brightest minds in abdominal radiology, who shared their expertise generously. The exposure to a diverse patient population significantly broadened my knowledge and enhanced my clinical skills. Through mentorship and hands-on practice, I gained proficiency in interpreting complex gastrointestinal, hepatobiliary and pancreatic imaging. Moreover, the scholarship provided a unique platform for collaboration with peers from around the world, fostering cultural exchange and the sharing of diverse perspectives.

Junaid Mushtaq

HOME CENTRE:

San Raffaele Hospital, Milan, Italy

TOPIC:

Abdominal radiology.

ASSIGNED TRAINING CENTRE:

King's College London London/UNITED KINGDOM



My visiting scholarship took place from September 1st to December 22nd, 2023, during which time I worked in the Radiology department at the Royal Papworth Hospital. Under the guidance of Dr. Jonathan Weir-McCall, I con-

ducted preliminary reporting on both cardiac CT and MR studies. Actively participating in MDT meetings, I prepared a presentation on the updated guidelines for imaging cardiomyopathies and contributed to various research studies by collecting relevant data. An abstract, prepared during the ESOR fellowship, was accepted for the ECR 2024 Congress. I cherished the opportunity to connect with other ESOR fellows at Addenbrookes Hospital, sharing similar challenges of adapting to a new hospital in a new country. Our newfound friendship will likely lead to further collaboration, given our shared interests in various radiological topics. The ESOR Visiting Scholarship has paved a new path in my professional journey, reinforcing my commitment to Cardiovascular Imaging. I am enthusiastic about potential collaborations and eagerly anticipate implementing newfound ideas in my home institution, the Medical University Hospital of Gdansk. Special thanks go to Dr Luigia D'Errico for her mentorship, which significantly contributed to my growth as a young professional.

Julia Niemierko

HOME CENTRE:

Medical University of Gdansk, Gdansk, Poland

TOPIC:

Cardiovascular imaging.

ASSIGNED TRAINING CENTRE:

Addenbrooke's Hospital, Cambridge University
Cambridge/UNITED KINGDOM



I am grateful for the fulfilling experience of being an ESOR Scholar. During my ESOR scholarship, I was trained in

Abdominal Radiology in a renowned academic medical centre. My tutor was a highly experienced educator, willing to teach me and communicate his experience. The unit I attended was highly subspecialised and dedicated in imaging of gastrointestinal diseases. I enjoyed the multimodal nature of our work, attending multidisciplinary meetings, exposing myself to a different health-care system, gaining experience in clinical aspects of Radiology and profiting from the academic opportunities offered in this centre. I was offered dedicated subspecialty-level lessons and deepened my knowledge. Finally, the ESOR scholarship was a huge opportunity to discover a new country, a culture and make new friends.

Angeliki Papachristodoulou

HOME CENTRE:

AHEPA University Hospital, Aristotle University of Thessaloniki, Thessaloniki, Greece

TOPIC:

Abdominal Radiology.

ASSIGNED TRAINING CENTRE:

Miguel Servet University Hospital
Zaragoza/SPAIN



Training at one of Europe's most esteemed Neuro-radiology departments not only provided me with invaluable knowledge in the field but also in life. Working alongside charismatic and passionate professionals

like Professor Lehericy and my tutor, Dr. Nadya Pyatigorskaya, was truly inspiring- I am immensely grateful. I would also like to express my gratitude to other specialists and residents for their generous support and willingness to share their expertise. Throughout my training, I actively participated in the curriculum, attending lectures, research meetings, small group interactive training sessions, and observing exciting multidisciplinary meetings encompassing various aspects of Neuroradiology. Additionally, I have worked with my supervisor on an engaging research project focused on Dementia. Working abroad in a specialised neuroradiology center presents a unique opportunity for both professional growth as a radiologist and personal development. I encourage young professionals to embrace such experiences, which can significantly improve their expertise and overall growth. I will forever be thankful to ESOR for granting me this scholarship and deeply appreciate the invaluable opportunity it has provided me.

Zoe Papoutsou

HOME CENTRE:

Korgialenio-Benakio Hellenic Red Cross Hospital, Athens, Greece

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Pitié-Salpêtrière University Hospital Paris/France



During my internship in neuroradiology at Erasmus MC, I had the opportunity to participate in a wide

range of activities that significantly contributed to my professional growth. It was an incredible experience that allowed me to expand my knowledge and skills in the field. One of my main responsibilities during the internship was collaborating closely with the specialty staff in preparing and releasing reports. This experience provided me with insights into the intricacies of analysing and interpreting imaging exams. The clinical cases I encountered during this internship were truly fascinating and presented unique challenges. Each case required a thorough and detailed approach, emphasising the importance of accuracy and attention to detail in preparing reports. It was an eye-opening experience that highlighted the significance of precise reporting in facilitating effective patient care and treatment.

Afonso Paranhos

HOME CENTRE:

Beneficência Portuguesa de São Paulo, São Paulo, Brazil

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Erasmus Medical Center Rotterdam/THE NETHERLANDS



My three-month Interventional Radiology scholarship through the ESOR has been transformative. In

a cutting-edge environment, I observed and assisted in diverse procedures, from bleeding embolisations to ablations. Prof. De Hua Chang's mentorship provided a deep understanding of each intervention. This experience enhances my journey as a young interventional radiology resident, propelling my career forward. I'm sincerely grateful to ESOR, Prof. Chang, the Interventional Radiology team, and Prof. Vinko Vidjak for this invaluable opportunity and support. This scholarship marks a pivotal step in shaping my trajectory in the field.

Vitorio Peric

HOME CENTRE:

Clinical Hospital Merkur, Zagreb, Croatia

TOPIC:

Interventional radiology.

ASSIGNED TRAINING CENTRE:

University Hospital Heidelberg
Heidelberg/GERMANY



My scholarship at Hospital La Fe was an immersive, transformative experience. Under the mentorship

of Prof. Luis Marti-Bonmatí, Dr Asunción Torregrosa Andrés, and the other radiologists of the hospital, I have refined my skills in abdominal radiology and gained invaluable insights into cutting-edge research frontiers. The blending of hands-on training, academic learning, and research prospects in a nurturing atmosphere was truly enriching. I had the opportunity to gain exposure to different perspectives and approaches in the management of patients with complex abdominal conditions, mastering new techniques and broadening my understanding of abdominal pathology. This scholarship not only expanded my technical and clinical skillset, but also broadened my global perspective, fostering professional growth in a collaborative setting. I recommend this opportunity to radiology residents across Europe, particularly at the La Fe Institute.

Francesco Rizzetto

HOME CENTRE:

ASST Grande Ospedale Metropolitano Niguarda,
Milan, Italy

TOPIC:

Abdominal imaging.

ASSIGNED TRAINING CENTRE:

Abdominal Radiology Section, Radiology
Department - Clinical Area of Medical Imaging
Department
University Hospital La Fe
Valencia/SPAIN



The three-month visiting scholar program at King's College Radiology Department provided an excellent

learning environment for contrast-enhanced ultrasound (CEUS). Weekly CEUS sessions included pediatric, thyroid, and numerous testicular cases. As a major European transplantation institute, there were abundant liver and kidney CEUS opportunities. Daily radiological procedures, interventional radiology, and liver biopsies were available to attend or assist with, alongside expert-led seminars and interdisciplinary meetings. This experience significantly enhanced my skills, broadened my research capabilities, and facilitated networking with leading experts. GMC registration is required for independent reporting. I also collaborated on research projects, including one with another ESOR Scholar.

Aladár Rónaszéki

HOME CENTRE:

Semmelweis University, Budapest, Hungary

TOPIC:

Contrast-enhanced ultrasound

ASSIGNED TRAINING CENTRE:

King's College London
London/UNITED KINGDOM



I spent 3 months in the University Hospital Jena Paediatric Radiology department from the 7th of August until the 7th of November. During this time I saw more than 10 contrast-enhanced ultrasound (CEUS) imaging studies. The

cases consisted mostly of abdominal trauma, renal abscesses, and focal liver steatosis. I also reviewed 344 contrast-enhanced ultrasound (CEUS) cases from the Hospital archives performed between September 2017 and August 2023. Out of all the CEUS cases I selected hepatic CEUS cases (82 cases) and analysed them using the Bracco software VueBox. I also compared some of the cases with the Logic E10 (GE) available analysis programmes. I hope to publish my research or present it soon. Additionally, I observed around 450 paediatric ultrasound examinations including abdomen, kidneys and bladder, intestine, soft tissue, thyroid, scrotum, pleura, paediatric hips, paediatric brain, and spine. Part of these examinations (around 150) I performed myself under mentorship. I have gained a lot of experience in paediatric and general ultrasound, including Doppler ultrasound and elastography. I saw many paediatric X-ray (bone, bone age, lung, abdomen etc.) and MRI studies (brain, spine, thoracic,

Jekaterina Safronova

HOME CENTRE:

Riga East University Hospital, Riga, Latvia

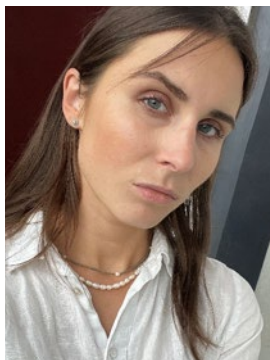
TOPIC:

CEUS.

ASSIGNED TRAINING CENTRE:

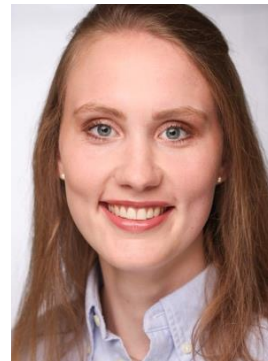
Paediatric Radiology Section, Institute of Diagnostic and Interventional Radiology
University Hospital Jena, Jena/GERMANY

abdomen, whole body MRI, virtopsy etc.). I also presented one oncologic CEUS case for paediatricians in The Paediatric Genitourinary seminar and participated as a passive listener in the Scientific Werner Kaiser Sommer Symposium and the Neonatal Imaging seminar. During my time in the University Hospital Jena I have attended numerous Paediatric Radiology and other specialty meetings and seen



My Neuroradiology Scholarship at Fondazione IRCCS Istituto Neurologico Carlo Besta was a transformative experience. Engaging in intricate cases and collaborating with experts expanded my diagnostic prowess and deepened my understanding of neuroradiology. Invaluable benefits include hands-on involvement in cutting-edge research, exposure to diverse pathologies, and active participation in multidisciplinary discussions. The completion of a compelling case report underscores the practical application of acquired knowledge. This immersive journey not only enriched my skills but also forged lasting connections, setting a solid foundation for future success in the dynamic field of neuroradiology.

at the General Hospital in Vienna. I was welcomed by a very experienced team who always took the time to teach me things and share their knowledge. I gained experience in diverse angiographic, ultra-sound and CT-guided interventions. This scholarship opportunity has not only expanded my interventional radiology skills but also taught me about a new international health-care system and about appreciation for the importance of collaboration and innovation in the field of interventional radiology.



Thanks to the ESOR Europe Scholarship, I spent three months in the Division of Interventional Radiology

at the General Hospital in Vienna. I was welcomed by a very experienced team who always took the time to teach me things and share their knowledge. I gained experience in diverse angiographic, ultra-sound and CT-guided interventions. This scholarship opportunity has not only expanded my interventional radiology skills but also taught me about a new international health-care system and about appreciation for the importance of collaboration and innovation in the field of interventional radiology.

Milda Šarkinaitė

HOME CENTRE:

Hospital of Lithuanian University of Health Sciences
Kaunas Clinics, Kaunas, Lithuania

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Fondazione IRCCS Istituto Neurologico Carlo Besta
Milan/ITALY

Hannah Luisa Steinberg-Vorhoff

HOME CENTRE:

University Hospital Essen, Essen, Germany

TOPIC:

Interventional radiology.

ASSIGNED TRAINING CENTRE:

Division of Cardiovascular and Interventional
Radiology
General Hospital Vienna
Vienna/AUSTRIA



I would like to express my gratitude to ESOR for giving me the opportunity to spend 3 months

at the Heart Centre Leipzig as a cardiac imaging scholar. I am very grateful to Professor Matthias Gutberlet and to my tutors, who warmly welcomed and involved me in the life of the Radiology Department from the beginning. During my stay, I had the possibility to report many cardiac CT cases- including those to which I have limited access at my home institution- and attend multidisciplinary meetings. I was able to acquaint myself with the basics of cardiac MRI as well. Furthermore, I was involved in research projects, several of which will be continued as a cooperation between Heart Centre Leipzig and my home institution.

Miklós Vértés

HOME CENTRE:

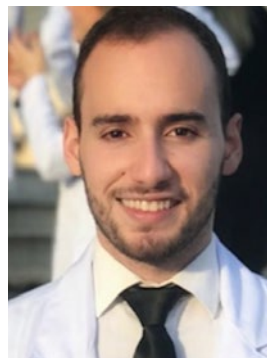
Semmelweis University, Medical Imaging Centre, Department of Radiology, Budapest, Hungary

TOPIC:

Cardiac imaging.

ASSIGNED TRAINING CENTRE:

Heart Centre Leipzig
Leipzig/GERMANY



My scholarship in neuroradiology at King's College Hospital presented a dynamic and comprehensive learning experience, integrating clinical exposure with cutting-edge research. The initial phase in the neu-

roradiology department involved engaging in case discussions and department meetings, enriching my clinical understanding and diagnostic skills in neuroradiology. The latter part of my training was dedicated to research at the King's College research facility, with a major focus on analysing different MRI sequences to enhance understanding of gliomas. This research was part of the Federated Tumour Segmentation (FeTS) initiative, a groundbreaking multicentre AI project aimed at revolutionising brain tumour quantification. The FeTS initiative aspires to create an international federation of healthcare institutions and develop an open-source software ecosystem to facilitate simple, automated, and accurate tumour segmentation, eliminating inter-reader variability. Additionally, my involvement with Great Ormond Street Hospital for paediatric neuroradiology under the mentorship of Dr. Kish Mankad expanded my expertise, offering a unique perspective on paediatric applications in the field. This

Genival Viana de Oliveira Junior

HOME CENTRE:

University of São Paulo Faculty of Medicine Clinics Hospital, São Paulo, Brazil

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

King's College Hospital
London/UNITED KINGDOM

scholarship has been pivotal in augmenting my professional capabilities, deepening my knowledge in neuroradiology, and fostering invaluable international connections. The experience has significantly enhanced my approach to both clinical practice and research, positioning me to make meaningful contributions to healthcare and medical research in the future.



Throughout the three-month visiting period, I was able to make observations that significantly contributed to my radiology education. St Thomas's Hospital offered me a dynamic environment, highlighting effective

communication and decision-making in radiology. I observed how radiology practice is conducted in another country, in a different language, noting the differences and similarities compared to my home centre. Thanks to my esteemed tutor, Dr. Goncalves, I gained valuable insights into emergency imaging reporting and English report writing skills. Most importantly, I had the opportunity to meet many valuable individuals during this visit. I am very grateful to the European School of Radiology for providing such an opportunity.

Yasin Yarasir

HOME CENTRE:

Hacettepe University Hospital, Ankara, Turkey

TOPIC:

Trauma and emergency imaging.

ASSIGNED TRAINING CENTRE:

St Thomas' Hospital
London/UNITED KINGDOM



This experience overcame my expectations. I deepened my knowledge in all the modalities

applied in the field of breast imaging and I came across rare breast pathologies, such as male breast cancer. I learned new techniques for the preoperative localisation of tumours with Magseed and with a tattoo instead of the guidewire. Moreover, I performed examinations in a population new to me, namely transgender patients. Finally, together with my tutor, we started exciting new projects and multicentric collaborations, which are going to be finalised after the end of my fellowship period.

Eloisa Zanderigo

HOME CENTRE:

Universitätsklinikum Tübingen, Tübingen, Germany

TOPIC:

Breast imaging.

ASSIGNED TRAINING CENTRE:

A. Gemelli Fondazione Policlinico Universitario IRCCS
Rome/ITALY



This experience has been unique. I have learned different MRI institutional protocols, radiological features (cervix

carcinoma, endometrial carcinoma, vulvar carcinoma, uterine fibroids, endometriosis, prostate...), and some managements during the multidisciplinary oncologic committee. I have also learned how to do hysterosalpingography, cystography in patients with post-robotic prostatectomy, bladder reconstruction, and ureteral reimplantation surgery, and kids with neurogenic bladder and congenital uropathies. My expectations were totally fulfilled. It has been an amazing opportunity for me to learn from expert radiologists of the area, and a wonderful opportunity to meet new people, share cultural experiences, and learn a language.

Laura Liliana Acosta Barrios

ESUR

HOME CENTRE:

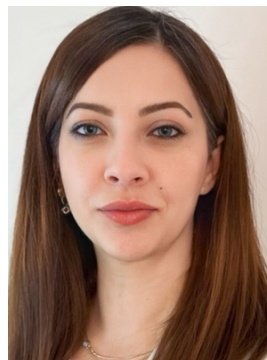
HLA el Angel, Málaga, Spain

TOPIC:

Genitourinary, gynaecological diseases, female MRI pelvis.

ASSIGNED TRAINING CENTRE:

Policlínico Agostino Gemelli
Rome/ITALY



I am grateful to the ESOR for providing me with this once-in-a-lifetime opportunity to participate in a three-month exchange programme in head and neck imaging at Northwick Park Hospital in London. I was fortunate to

be a part of an exceptional team of professionals led by Dr Ravi Kumar Lingam, who is not only an experienced radiologist but also a supportive mentor who guided me throughout my journey. During my training period, in addition to daily reporting practice activities, I had the opportunity to participate in multidisciplinary meetings on a regular basis, which I have been holding in my home country, Turkey. This experience made me more passionate about my special interest in head and neck malignancies. Moreover, I had the opportunity to access the teaching folders, which were archived regularly and are full of unique cases and satisfactory reports. The experience was unique in terms of broadening my horizons, adjusting to a new culture, and gaining new insights into work and life that would be extremely beneficial to my future career. I thoroughly loved this experience and would suggest it to any radiologist interested in expanding their expertise abroad.

Tuba Akdag

ESHNR

HOME CENTRE:

University of Health Sciences, Diskapi Yildirim Beyazit Training and Research Hospital, Ankara, Turkey

TOPIC:

Head and Neck Radiology.

ASSIGNED TRAINING CENTRE:

Northwick Park Hospital/Harrow/UNITED KINGDOM



I am very grateful to the ESOR committee for giving me this opportunity. This 3-month period contrib-

uted greatly to me in many ways, such as reporting various cases on musculoskeletal radiology, attending multidisciplinary meetings, seeing different imaging techniques, and observing procedures such as ultrasonography and CT-guided biopsy. Besides all this, taking part in a study on artificial intelligence was also a great experience. I believe that the knowledge I gained during this Fellowship will further develop my academic career in the future and will greatly benefit my daily practice. I sincerely thank my tutor, Dr Amanda Isaac, for her support and guidance in every aspect.

Aslı Irmak Akdoğan

ESSR

HOME CENTRE:

Izmir Katip Çelebi University, Ataturk Training and Research Hospital, Izmir, Turkey

TOPIC:

Musculoskeletal Radiology.

ASSIGNED TRAINING CENTRE:

Guy's and St Thomas' Hospital and King's College London
London/UNITED KINGDOM



This Fellowship was a truly academically enriching experience with exposure to numerous challenging cases

pertaining to chest radiology, explained well by our tutor through interactive discussions. It was very informative to participate actively in tumour boards with oncologists as well as hold regular multidisciplinary interstitial lung disease boards to decide the next diagnostic steps or management approaches. Observing and assisting interventions including microwave lung tumour ablations, drainage procedures, and biopsies (both CT and ultrasound guided). The latest and evolving applications of Thoracic Magnetic Resonance Imaging (especially in cystic fibrosis) were exciting to learn about. A scientific atmosphere was encouraged throughout, in a warm and welcoming environment.

Tany Chandra

ESTI

HOME CENTRE:

Hamdard Institute of Medical Sciences and Research, New Delhi, India

TOPIC:

Thoracic radiology.

ASSIGNED TRAINING CENTRE:

University Hospital Heidelberg
Thoraxklinik
Heidelberg/GERMANY



Embarking on a 12-week paediatric radiology fellowship at Leeds Children's Hospital has been a transformative

journey. This esteemed institution provided me with comprehensive exposure to various radiological modalities, including CT, MRI, USG, and Fluoroscopy. Daily activities involved active participation in radiological evaluations during morning and afternoon sessions. Multidisciplinary team (MDT) meetings, integral to my experience, facilitated in-depth discussions on complex cases, fostering a holistic understanding. Meticulously planned weekly in-department training and audit sessions were not only beneficial in terms of radiological knowledge development but also gave me a vision of how in-clinic self-assessment is performed. Working alongside specialists, I not only discussed cases but also posed questions and expanding my expertise in paediatric imaging. The exposure to diverse cases, ranging from routine to intricate, significantly augmented my proficiency.

Gokalp Cikman

ESPR

HOME CENTRE:

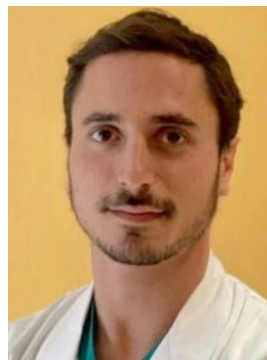
Mardin Training and Research Hospital, Mardin, Turkey

TOPIC:

Paediatric Radiology.

ASSIGNED TRAINING CENTRE:

Leeds Children's Hospital
Leeds/UNITED KINGDOM



As my fellowship period in Musculo-skeletal Radiology at Amsterdam UMC Hospital comes to an end, I wanted to express my sincere gratitude and appreciation for the incredible opportunity I have had. My time at Amsterdam

UMC Hospital has been an invaluable experience. I have been continually impressed by the high level of healthcare and professionalism demonstrated by the entire team. The commitment to patient care and the pursuit of excellence in musculoskeletal radiology is truly commendable. During my fellowship, I had the privilege of working closely with the MRI department, where I gained extensive knowledge and hands-on experience in this specialised field of imaging. The exposure to cutting-edge technology and the guidance of Professor Maas and his team have been instrumental in expanding my skills and knowledge in musculoskeletal radiology. Additionally, I am deeply appreciative of the opportunity to observe orthopaedic interventions. Witnessing these procedures firsthand has provided me with a unique perspective on the interdisciplinary nature of musculoskeletal healthcare and the seamless collaboration between radiologists and orthopaedic surgeons. One of the highlights of my

Ettore di Gaeta

ESSR

HOME CENTRE:

IRCCS San Raffaele Scientific Institute, Milan, Italy

TOPIC:

Musculoskeletal Radiology.

ASSIGNED TRAINING CENTRE:

Amsterdam University Medical Center
Amsterdam/THE NETHERLANDS

fellowship was the chance to contribute to a scientific case report in collaboration with the musculoskeletal radiology team. This allowed me to apply my academic and clinical knowledge meaningfully. I want to express my heartfelt thanks to Prof. Maas and the entire team at Amsterdam UMC for their support, guidance, and warm hospitality. This experience has not only enriched my professional development but also left me with lasting memories. Thank you once again for this incredible experience. I will carry the lessons and insights gained during my time at Amsterdam UMC Hospital with me throughout my career.



My breast imaging fellowship journey has been a blend of valuable experiences, profound benefits, and occasional challenges. Delving into a specialised curriculum encompassing mammography, ultrasound, MRI,

and tomosynthesis, I have cultivated proficiency in interpreting imaging modalities and performing image-guided procedures. Collaborating with esteemed mentors and peers has enriched my learning, while engaging in study has also ignited a passion for academic exploration. The ability to contribute to advancements in technology and patient care has been immensely fulfilling, reaffirming my commitment to improving outcomes for individuals facing breast health challenges. Despite the benefits, the journey hasn't been without its adversities. Being in a foreign country with distinct cultural norms and a language barrier has presented its share of challenges. Yet these obstacles have served as catalysts for personal and professional growth, fostering resilience and determination in navigating unfamiliar territories. Ultimately, my breast

imaging fellowship has been a transformative journey, equipping me with the skills, knowledge, and confidence to effect meaningful change in the field. As I move forward, I carry with me the lessons learned and the experiences gained, grateful for the opportunity to contribute to the advancement of breast imaging and patient care.

Funda Dinc

ESGAR

HOME CENTRE:

Muğla Sıtkı Koçman University, Muğla, Turkey

TOPIC:

Breast imaging.

ASSIGNED TRAINING CENTRE:

Medical University Graz, Graz/AUSTRIA



I am grateful for the amazing opportunity to be chosen for the ESGAR/ESOR abdominal imaging fellow-

ship. During these three months, I had the chance to deepen my knowledge in liver and pancreatic pathology and in pre- and post-liver transplant imaging. Participating in daily courses, multidisciplinary meetings, and reporting sessions allowed me to study a vast spectrum of rare and interesting cases. I would like to thank Prof. Valérie Vilgrain and my tutor, Prof. Maxime Ronot, two people with excellent expertise in abdominal imaging, for all the support and guidance during this period. This fellowship is an important pillar in the development of my future work and career.

Diana Florian

ESGAR

HOME CENTRE:

Regional Institute of Gastroenterology and Hepatology Octavian Fodor, Cluj-Napoca, Romania

TOPIC:

Abdominal Imaging.

ASSIGNED TRAINING CENTRE:

Beaujon Hospital, Clichy
Paris/France



The objective of this clinical rotation was to enhance my understanding of diagnostic neuroradiology,

with a specific emphasis on areas such as neuro-oncology, dementias, neuro-ophthalmology, and advanced neuroimaging methods. This experience afforded me the opportunity to delve into the interpretation of diverse abnormal neuroimaging findings. A key focus of the fellowship was to advance my knowledge in the acquisition and processing of advanced neuroimaging scans, particularly in neurovascular and neurooncological applications. Additionally, I gained insights into niche areas and specific topics, including Moyamoya disease and orbit imaging.

Bianka Forgo

ESNR

HOME CENTRE:

Department of Neuroradiology, Karolinska University Hospital, Stockholm, Sweden

TOPIC:

Diagnostic neuroradiology – clinical routines and advanced imaging methods.

ASSIGNED TRAINING CENTRE:

The National Hospital of Neurology and Neurosurgery
UCLH Foundation Trust
London/UNITED KINGDOM



During this fellowship, I had the opportunity to work with novel radio-tracers and learn from experts. This

opportunity has enhanced my knowledge, allowing me to interpret results from both old and new tracers with greater proficiency. The collaborative environment in LMU gave me more in-depth experiences in reading scans and fostered networking opportunities. The insights gained from discussions with colleagues have proven invaluable in refining my diagnostic approach and staying abreast of the latest developments. We still use Ga68-DOTATATE as our neuroendocrine carcinoma tracer, but I was impressed by F18-SIFATATE's sensitivity and cost-effectiveness. From Klinikum LMU symposiums I attended, I suggested to our institution that SIFATATE is a better option for Filipino patients with NETs. If this idea comes to fruition, it will not only increase our hybrid imaging expertise, but it will also benefit our regular Hybrid Imaging Practice.

Sean Ira Gacula

ESHI-MT

HOME CENTRE:

National Kidney and Transplant Institute, Quezon City, Philippines

TOPIC:

SIFATATE Tracer as an additional tracer in NKTl.

ASSIGNED TRAINING CENTRE:

Ludwig Maximilian University Klinikum Munich/GERMANY



I'm glad to have had the opportunity to participate in this Fellowship Programme in Head and Neck

Radiology. I was blown away by the quality of the programme and the level of support I received. The mentorship programme, led by Dr. Alexandra Borges and her dedicated team, was truly exceptional. It gave me the chance to develop and hone the skills I needed to excel in managing and reporting radiological exams dealing with H&N pathology. I'm thrilled to put these skills to use in my future daily practice.

The weekly examinations and lectures planned by topic were absolutely of high standards and extremely useful in how to approach a professional and clinical-oriented report on H&N exams.

Finally, from a human and relational point of view, I experienced complete predisposition and willingness from all the colleagues I met in their dialogue, exchange of information, and precious professional advice. They were so welcoming and helpful!

Paolo Garofalo

HOME CENTRE:

Azienda Ospedaliero-Universitaria di Modena, Modena, Italy

TOPIC:

Head and Neck Radiology

ASSIGNED TRAINING CENTRE:

Oncology Institute Francisco Gentil, Lisbon, PT



This programme gave me the chance to observe the operation of a foreign radiology department, different approaches of

radiologists, clinicians, and relatively new imaging techniques. I mainly observed MRI and CT studies, and I progressed most in advanced liver imaging and nuclear radiology studies, in which I am relatively less experienced. The cases and discussions in the multidisciplinary meetings clearly improved my knowledge about oncology patients. I strongly believe that this programme is also a cultural exchange and important for the future scientific collaborations and the ESR as a whole. I am very pleased with my experience at the Maastricht University Medical Center.

Serkan Güneyli

ESGAR

HOME CENTRE:

Bakircay University Medical Faculty, Izmir, Turkey

TOPIC:

Abdominal radiology.

ASSIGNED TRAINING CENTRE:

Maastricht University Medical Center
Maastricht/THE NETHERLANDS



I am immensely grateful to ESOR/ESCR for granting me a golden opportunity to undergo a three-month

training program in cardiovascular imaging at the Leiden University Medical Center. This experience has been truly exceptional. Throughout this period, I actively engaged in the daily work of the cardio-thoracic section of the radiological department and learned extensively about cardiovascular CT and MRI from highly skilled radiologists and cardiologists. I would like to extend my acknowledgments to my tutors for the warm reception, constant support, and great willingness to share knowledge. This fellowship has not only aided in the enhancement of my language and communication abilities, but has also offered a distinctive cultural experience.

Iryna Haidzel

ESCR

HOME CENTRE:

Republican Scientific and Practical Cardiology Centre, Minsk, Belarus

TOPIC:

Cardiovascular radiology.

ASSIGNED TRAINING CENTRE:

Leiden University Medical Center
Leiden/THE NETHERLANDS



I was selected for the Fellowship in urogenital radiology at HFR Cantonal Hôpital Department of Radiology, in Fribourg, Switzerland, with the tutor Prof. Harriet Thoeny. I am very grateful to ESOR/ESUR and to Prof. Thoeny

for this wonderful opportunity to immerse myself in this field and I have been warmly welcomed at the radiology department in HFR and really felt like part of the team. I have participated in the daily work of the department and together with colleagues interpreted and discussed cases, focusing on MRI of the female pelvis and MRI of the prostate, participating in, preparing, and attending tumour boards and endometriosis conferences, had held teachings and journal clubs, participated in writing a case report manuscript, and participated in case discussions on urogenital and abdominal radiology. The knowledge I acquired here in Fribourg will be of great use in my work at the Uppsala University Hospital and I will pass it on to my colleagues.

Elisabeth Hedlund

ESUR

HOME CENTRE:

Uppsala University Hospital, Akademiska, Uppsala, Sweden

TOPIC:

Urogenital radiology.

ASSIGNED TRAINING CENTRE:

Department of Radiology
HFR Fribourg Cantonal Hôpital, University of Fribourg
Villars-sur-Glâne/SWITZERLAND



I am immensely grateful to ESOR and ESGAR for the invaluable opportunity to participate in the three-month Abdominal Radiology fellowship at Pitié Salpêtrière Hospital in Paris. It has been an unforgettable life

and learning experience. Special thanks go to the department head Prof. Olivier Lucidarme, my mentor Prof. Mathilde Wagner, and the exceptional radiology team for their warm reception, guidance, and knowledge sharing. Engaging in weekly reporting activities, learning sessions, multidisciplinary meetings, and tumour boards significantly enriched my expertise in interpreting complex abdominal imaging, particularly within the gastrointestinal and hepatobiliary systems. I have also expanded my knowledge in the field of prostate MRI and women's imaging. Additionally, I actively participated in research initiatives that hold the potential for international publications. This fellowship stands as a pivotal milestone, equipping me with advanced skills, comprehensive knowledge, and a global perspective in abdominal radiology. Beyond professional growth, the cultural immersion in Paris was an invaluable life experience.

Natália Henz Concatto

ESGAR

HOME CENTRE:

Hospital Moinhos de Vento, Porto Alegre, Brazil.

TOPIC:

Abdominal radiology.

ASSIGNED TRAINING CENTRE:

La Pitié-Salpêtrière Hospital
Sorbonne Université
Paris/FRANCE



The three-month abdominal imaging fellowship program at the University of Palermo, Azienda Ospedaliera Uni-

versitaria 'Paolo Giaccone', Palermo, Italy, was undoubtedly one of the most invaluable experiences of my professional journey. Throughout this period, I had the privilege of attending weekly multidisciplinary meetings, participating in daily reporting activities, and educational lectures, which significantly deepened my understanding of hepato-biliary and pancreatic imaging. In addition to acquiring new skills in hepatobiliary imaging, I also expanded my knowledge in the areas of inflammatory bowel disease and prostate imaging. Furthermore, I had the opportunity to collaborate with my exceptional mentor, Dr Cannella, and under her guidance, I conducted four research projects.

Faezeh Khorasanizadeh

ESGAR

HOME CENTRE:

Tehran University of Medical Sciences, Tehran, Iran.

TOPIC:

Body imaging.

ASSIGNED TRAINING CENTRE:

P.Giaccone University Hospital
 Università degli studi Palermo
 Palermo, Italy



The exchange programme in Vienna was highly educational and beneficial. As a healthcare professional, com-

paring the health systems between Switzerland and Austria was insightful. There are vast differences not only in the organisation of the public health care management, but also in the organisation of the work processes in the hospital itself (e.g. process and work management, MRI protocols etc.). I also appreciated experiencing the different approach to scientific research in a University Hospital, where research plays a vital role in daily business compared to my current workplace, where reporting is key to everyday work. I learned a lot about rare cases and diseases, as the University Hospital in Vienna specialises in peripheral nerve imaging, oncology, and rheumatology. Additionally, the different handling of musculoskeletal radiological interventions gave me new insights and broadened my knowledge.

Konrad Kruk

ESSR

HOME CENTRE:

Kantonsspital St. Gallen, St. Gallen, Switzerland

TOPIC:

Musculoskeletal radiology.

ASSIGNED TRAINING CENTRE:

Medical University of Vienna
 Vienna/AUSTRIA



As a Fellow in Cardiovascular Imaging at IRCCS Policlinico San Donato, my experience has been immensely

enriching. The programme provided a comprehensive and immersive learning environment, fostering a robust expansion of my knowledge in cardiovascular imaging. Engaging with cutting-edge technologies such as Photon-Counting CT and collaborating with esteemed professionals has significantly deepened my understanding of the field. The exposure to diverse cases and the application of advanced imaging techniques has honed my diagnostic skills. Moreover, the supportive and collaborative atmosphere at Policlinico San Donato has contributed to a holistic and fulfilling learning journey. This fellowship has undoubtedly been a pivotal and rewarding step in my professional development.

Andrei Victor Luca

ESCR

HOME CENTRE:

Centrul de Radioterapie Amethyst, Bucharest, Romania

TOPIC:

Cardiovascular radiology.

ASSIGNED TRAINING CENTRE:

IRCCS Policlinico San Donato
Milan/ITALY



During my three-month ESOR fellowship at UMC Maastricht in Neuroradiology, I worked closely with

Linda Jacobi-Postma, actively participating in case studies and attending daily multidisciplinary meetings. I gained extensive knowledge in Neuroradiology and Head and Neck Radiology, focusing on CT scans of the temporal bones and various domains like tumors, epilepsy, and the pituitary gland. Collaborating with Linda, I conducted workshops on brain enhancement patterns and will contribute to a study on 4D-CT in thyroid adenomas. I am grateful for Linda's guidance and the valuable experience gained at UMC Maastricht surrounded by exceptional radiologists and diverse pathologies.

Stijn Marcelis

HOME CENTRE:

Universitair Ziekenhuis Antwerpen | UZA

TOPIC:

Neuroradiology

ASSIGNED TRAINING CENTRE:

UMC Maastricht (Netherlands)



I am grateful to ESOR and ESOI for providing me with the unique opportunity to participate in a three-month visiting fellowship program in Oncology Imaging at Santa Chiara University Hospital.

This fellowship, in the context of constant advances in imaging technology, is a valuable professional development opportunity in the field of oncology radiology. The knowledge and experience I have gained learning advanced topics will help me to integrate these skills into daily practise in the diagnosis, staging, and management of cancer. The purpose of my fellowship was to learn more about a sub-specialty in abdominal radiology and I chose to focus on liver, as well as head and neck imaging. The breadth of pathology available, as well as the knowledge of the faculty was, in my opinion, outstanding. I have significantly improved my knowledge and experience in oncologic imaging by delving deeper into these sub-specialties. The complexity and variety of cases, as well as modalities such as abdominal/ pelvic MRI, ultrasound, and especially CEUS, were among the many advantages of being located at Santa Chiara University Hospital. The learning environment

was always welcoming and included an in-depth discussion of interesting cases and attendance of seminars organized by the department. During my fellowship I solidified many of the principles I learned during residency and many new ways to approach the different imaging modalities and diagnoses. All of the attendings were supportive of me in my educational pursuits. Getting an excellent volume of these high level routines helped me to strengthen these skills. And finally, in the radiology department I met not only excellent doctors, but also incredible people who have a genuine passion towards their work and enjoy passing their knowledge on to students, residents, and fellows. It has created a welcoming work environment and a pleasant place to spend my days. I can strongly recommend this experience to every radiologist interested in Oncologic Imaging.



I am very grateful to ESOR/ESR for awarding me a three-month scholarship for advanced training in musculoskeletal radiology throughout my fellowship at the University Hospital in Innsbruck, Austria, and

especially to the Head of the Radiology Department, Prof. Dr Elka Ruth Gizewski, for supporting my stay abroad. I would also like to thank my tutor Prof. Dr A. Clauser and all other Department of Musculoskeletal Radiology members at the Innsbruck Klinik for teaching theoretical and practical skills and sharing their knowledge and experiences. Almost daily during my stay, I attended various clinical conferences and meetings, observed multimodal examinations and interventions, and participated in classes for radiologists, educational

Nataliya Mladenova

ESOI

HOME CENTRE:

Acibadem CityClinic, Tokuda Hospital, Sofia, Bulgaria

TOPIC:

Oncology Imaging.

ASSIGNED TRAINING CENTRE:

S. Chiara Hospital
University Hospital of Pisa, Pisa/ITALY

lectures, and multidisciplinary committees, meetings, and discussions. I found that the Tumour Board Meetings were the most practically useful because they were multidisciplinary (involving radiologists, interns, rheumatologists, and medical oncologists, as well as surgeons of various profiles and sub-specialisations). Apart from participating in daily clinical practice, I gained insight into the organisation and management of the radiology department. For the first few weeks, I observed only ultrasound examinations of the musculoskeletal system, as minor interventional methods on the musculoskeletal system (dominantly infiltration of inflammatory bursae with severe pain as the dominant clinical complaint under ultrasound control) in the Blutbank building under the mentorship of Prof. Dr A. Klauser. After that, as advised by the tutor, I moved to the surgery building, where I predominantly observed examinations of the musculoskeletal system with magnetic resonance imaging (also with other modalities, including X-ray and CT examinations of the musculoskeletal system) under the mentorship of Prof. Dr B. Henninger. After the three-month scholarship, I improved my knowledge in ultrasound and magnetic resonance examinations of the knee and shoulder joints. The scholarship was an exceptional experience that fulfilled my scientific and clinical expectations to a high degree and will influence my professional development in the future.

Dusan Petrovic

ESSR

HOME CENTRE:

University Clinical Centre of Serbia, Radiology Department, Belgrade, Serbia

TOPIC:

Musculoskeletal Radiology.

ASSIGNED TRAINING CENTRE:

University Klinik Innsbruck, Innsbruck/AUSTRIA



Training took place in the Radiology Department A - Functional Unit 1 at Cochin Hospital in Paris, with activities divided between computed tomography and magnetic resonance reporting in the reading rooms, staff lec-

tures exploring either a single topic in depth or interesting cases from the week's case-load and/or case files, and weekly multidisciplinary reunions with oncologists, pulmonologists, interns, and thoracic surgeons. A research project on the tomographic evaluation of interstitial pulmonary compromise in patients with inflammatory myositis was also developed in conjunction with the internal medicine department.

Murilo de Sá Barrêto Callou Peixoto

ESTI

HOME CENTRE:

Hospital Beneficência Portuguesa de São Paulo, São Paulo, Brazil

TOPIC:

Thoracic Imaging.

ASSIGNED TRAINING CENTRE:

Hôpital Cochin, Paris/France



I'm glad to have been selected to do this exchange programme in the Klinikum rechts der Isar, under

the supervision of Prof. Dr Eva Fallenberg. This fellowship has further improved my expertise in breast imaging, despite the challenge of not speaking German. During this three-month long fellowship I've had the opportunity to get more immersed in breast imaging research, which is an area where I previously did not have much experience. I've also been able to learn about the daily clinical work in a one stop breast clinic, specially focused on patients at high risk of breast cancer.

Mireia Pitarch

EUSOBI

HOME CENTRE:

Hospital del Mar, Barcelona, Spain

TOPIC:

Breast imaging.

ASSIGNED TRAINING CENTRE:

Klinikum rechts der Isar, Munich/GERMANY



During my training at Hospital Paris Saint-Joseph, I gained invaluable practical experience in radiology,

honing my skills in interpreting various imaging modalities and participating in multidisciplinary clinical meetings. The mentorship provided by experienced radiologists greatly enhanced my understanding of complex cases and diagnostic techniques. Additionally, attending lectures and conferences broadened my knowledge base and prepared me for the challenges of a career in Abdominal radiology. Overall, the training program has boosted my confidence and I am certain I will excel in the field of radiology.

Sumit Kumar Rana

ESGAR

HOME CENTRE:

Ujala Cygnus J K Hindu Hospital, Gurgaon, India

TOPIC:

Abdominal Radiology.

ASSIGNED TRAINING CENTRE:

Hôpital Paris Saint-Joseph, Paris/FRANCE



As a fellow in Paediatric Radiology, I had to adapt to a new and unfamiliar environment, which included

a different country, language, and work schedule. Despite the challenges, I was fortunate to meet some fantastic professionals and individuals who supported my learning needs and helped me organise my stay accordingly. Thanks to their efforts, I made the most of these three months. I had the opportunity to make reports on various pathologies, access databases, and observe ultrasound scans, ultrasound-guided punctures, and conventional

radiology tests. I also took part in daily multidisciplinary meetings with various services in the paediatric area. I observed and understood the service's organisation when they performed imaging tests such as ultrasounds, resonance, and tomography. One thing worth noting is the healthcare professionals' kindness and patient approach towards the children and their families. The children were always accompanied by their parents, who received a thorough explanation of the procedure to be carried out, as well as the results. Work in the radiology area and with other hospital departments becomes manageable through good communication among colleagues. Although my fellowship took place during some of the rainiest months in recent years, I had time to explore various places in this country and its culture. As a result, I have beautiful memories. This training period has been a valuable professional and personal experience. I have not only gained new knowledge and resolved some doubts but also met wonderful people and enjoyed the beauty of this country.

Sofia Rizzo

ESPR

HOME CENTRE:

Hospital Universitario de León, León, Spain

TOPIC:

Paediatric Radiology.

ASSIGNED TRAINING CENTRE:

Wilhelmina Children's Hospital
University Medical Center Utrecht
Utrecht/THE NETHERLANDS



The training has equipped me with a comprehensive understanding of breast imaging modalities and interventional techniques. The experience in performing clinical examinations, mammography, ultrasound,

MRI, and breast interventional procedures has significantly enhanced my proficiency in diagnosing and treating breast conditions. The collaborative environment at the training centre provided valuable exposure to cutting-edge technologies and methodologies in breast health. The mentorship received during this period was inestimable, contributing to both my technical skills and clinical decision-making in breast care. Additionally, I had the privilege of participating in scientific research during my training, acquiring a foundational understanding of the research process. This experience has further fuelled my commitment to continuous learning and research in breast imaging

Veronica Rizzo

EUSOBI

HOME CENTRE:

Department of Radiological, Oncological and Pathological Sciences, Sapienza, University of Rome, Rome, Italy

TOPIC:

Breast imaging.

ASSIGNED TRAINING CENTRE:

Department of Biomedical Imaging and Image-guided Therapy
Medical University of Vienna/Vienna/AUSTRIA



During my fellowship in advanced neuroimaging methods, which lasted for two months and was held at Department of Neuroradiology, Atatürk Eğitim ve Araştırma Hastanesi Basın Sitesi, İzmir Kâtip Çelebi Üniversitesi,

I was able to gain practical experience with cutting-edge technologies such as Magnetic Resonance Imaging, Computed Tomography, Positron Emission Tomography, Diffusion Tensor Imaging, and functional Magnetic Resonance Imaging. The acquisition, analysis, and interpretation of neuroimaging data were all skills that I developed while working under the guidance of experienced faculty members. Participating in research projects and clinical cases not only allowed me to contribute to scientific publications but also helped me gain a more comprehensive understanding of subject matter. My network of connections within the neuroimaging community was expanded through the process of networking with other trainees and professionals. The overall purpose of this fellowship was to provide me with the opportunity to further my career in neuroimaging research or clinical practice by enhancing my skillset and participating in valuable experiences.

Marufjon Salokhiddinov

ESNR

HOME CENTRE:

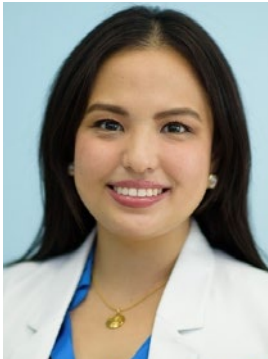
Department of Radiology, Republic Zangiota-2 Clinical Hospital, Tashkent Medical Academy, Tashkent, Uzbekistan

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Department of Radiology
Atatürk Eğitim ve Araştırma Hastanesi Basın Sitesi,
İzmir Kâtip Çelebi University, İzmir/TURKEY



The exchange fellowship programme at the Azienda Osepedaliera, Università di Padova was a wonderful opportunity to expand my knowledge in abdominal imaging. The training exposed me to a multitude

of cases, ranging from simple to complex and rare, some of which I encountered for the first time. I was also able to observe contrast-enhanced ultrasound (CEUS) procedures, a technique which is still not available in my home country. I would like to express my utmost gratitude to ESOR and ESGAR for awarding me this scholarship. A sincere thank you to Prof. Emilio Quaia, Prof. Federica Vernuccio, Dr Crimi, Dr Cabrelle, Dr Pepe, and the rest of the institute, for the warm welcome and for sharing their knowledge and expertise. I will use the invaluable knowledge and experience gained during this fellowship to better serve my future patients and community. I recommend this exchange fellowship programme to anyone who wants to follow a path of specialisation in abdominal imaging. Not only was it academically enriching, but I also had an amazing time meeting colleagues, learning a new language, and immersing myself in another country and its culture.

Danielle Santos

ESGAR

HOME CENTRE:

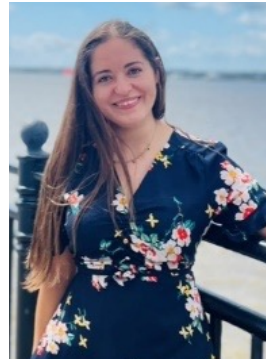
St. Luke's Medical Centre, Global City, Taguig City, Philippines

TOPIC:

Abdominal radiology.

ASSIGNED TRAINING CENTRE:

Azienda Osepedaliera, Università di Padova Padua/ITALY



The ESOR Fellowship in Thoracic Imaging at the Liverpool Heart and Chest Hospital was an amazing career experience which provided me with 3 months of great knowledge in cardiac imaging. The activity plan was

organised and distributed across different areas so that I could have the most complete experience possible. Throughout this fellowship I had the opportunity to follow and observe the work of experts in the field, and work hands-on by reporting examinations as a fellow, which is very important for a complete learning experience. The entire team was always very supportive and friendly and provided an enjoyable learning environment. This was a very important step in my career which will help improve my clinical practice.

Celia Sousa

ESTI

HOME CENTRE:

Centro Hospitalar Universitário Lisboa Norte, Lisbon, Portugal

TOPIC:

Thoracic radiology.

ASSIGNED TRAINING CENTRE:

Liverpool Heart and Chest Hospital Liverpool/UNITED KINGDOM



I want to express my deepest gratitude to ESOR and ESNR for providing me the opportunity to take part in this

prestigious fellowship. During the three-month fellowship in Neuroradiology at the V. Buzzi Children's Hospital in Milan I had the advantage to work with Dr Andrea Righini and his fantastic team (Cecilia Parazzini, Chiara Doneda, Filippo Arrigoni). During this period, I was able to expand my knowledge in paediatric neuroradiology and foetal MR imaging. I had the opportunity to observe and be actively involved in many MRI examinations and neonatal ultrasounds, I attended lectures and weekly multidisciplinary meetings, and I was able to participate in the Italian Congress of Neuroradiology. The knowledge I gained during this period will benefit my daily practices and will help my patients. It was also a wonderful cultural experience and an extraordinary opportunity to work abroad. I strongly encourage any recently board-certified radiologist to apply for an ESOR fellowship programme.

Irina Stavarache

ESNR

HOME CENTRE:

Bagdasar-Arseni Clinical Hospital Bucharest, Romania

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Vittore Buzzi Children's Hospital Milan/ITALY



During my fellowship at the Liverpool Heart and Chest Hospital, I honed my skills in cardio-vascular imaging

through hands-on experience in CT and MRI, tackling diverse cases such as complex coronary plaques, congenital anomalies, cardiomyopathies, and pre/post-surgical aorta scenarios, including prosthetic valve planning and dissections. Active participation in multidisciplinary meetings enabled me to present complex cases, contributing to collaborative decision-making. Additionally, I initiated an AI project aimed at enhancing radiologists' workflow efficiency. This comprehensive exposure has enriched my proficiency in cardiovascular imaging and strengthened my commitment to advancing patient care through innovative approaches. I benefited immensely from mentorship by Monika Radike, Ahmed Kharabish, Marousa Ntousku Linu Kuruvilla, and Manuel Gutierrez, amongst others. I extend profound gratitude to ESOR and ESCR for this incredible opportunity.

Akash Tomer

ESNR

HOME CENTRE:

Primus Super Speciality Hospital, New Delhi, India

TOPIC:

Cardiovascular Imaging.

ASSIGNED TRAINING CENTRE:

Liverpool Heart and Chest Hospital Liverpool/UNITED KINGDOM



My valuable fellowship experience included supervised daily reporting of new Head and Neck (H&N)

studies, presentation of cases at weekly regional H&N oncology multi-disciplinary meetings, and participation in various other H&N and neuroendocrine meetings. I gained insights into thyroid Radiofrequency Ablation with the aim of starting this service at my own institution. I delved deep into reviewing a significant portion of a library of over 3000 cases covering all H&N topics. I increased my knowledge of surgical techniques by observing several operations. I visited the radiation oncology department, and learned about different aspects of CT and MRI-guided radiotherapy planning and treatment delivery, including MR-Linac.

Amir Zarei

ESHNR

HOME CENTRE:

Leeds Teaching Hospitals NHS Trust, Leeds, United Kingdom

TOPIC:

Head and neck radiology.

ASSIGNED TRAINING CENTRE:

University Medical Center Utrecht
Utrecht/THE NETHERLANDS



During my clinical fellowship at University Hospital Centre Zagreb, I had the incredible opportunity to

immerse myself in the world of cardiovascular imaging. Working closely with Asst. Prof. Hrabak Paar and her team, I gained invaluable hands-on experience and witnessed the inner workings of a renowned hospital, with every day bringing new learning opportunities. The clinical fellowship not only expanded my knowledge but also honed my communication and teamwork skills through collaboration with fellow doctors and medical staff and provided me with a profound understanding of the challenges and rewards of working in a university hospital setting, thus setting a strong foundation for my future career in cardiovascular imaging.

Masego Candy Budka Mokotendi

HOME CENTRE:

Institute of Clinical and Experimental Medicine, Prague, Czechia

TOPIC:

Non-invasive cardiovascular imaging utilising magnetic resonance (CMR) and computed tomography (CT) with clinical and research applications.

ASSIGNED TRAINING CENTRE:

Clinical Department of Diagnostic and Interventional Radiology
University Hospital Centre Zagreb
Zagreb/CROATIA



What a great experience the ESOR-Bracco Clinical Fellowship programme is! This was such a rewarding experience,

where I had the chance to meet incredible people who are both humble and have a great mastery of skills in cardiac imaging. It also offered me the opportunity to see how radiology departments are organised elsewhere and how large departments can work if everyone works together. Thanks to this grant, I learned more in two months than I would have in one year of standard training, which it really helped improve my skills in cardiac imaging. Of particular value to me was the more 'clinical' approach achieved through discussion with cardiologists (reports signed both by a radiologist and a cardiologist), which I believe could be a big help to the patient. I felt so welcomed here and really part of the team, and was truly sad that these two months had to end. Thank you so much ESOR-Bracco for this amazing youth investment grant and thank you AMC for everything!

Farah Cadour

HOME CENTRE:

La Timone University Hospital, Marseille, France

TOPIC:

Cardiac Imaging.

ASSIGNED TRAINING CENTRE:

Amsterdam University Medical Center
Amsterdam/THE NETHERLANDS



During my experience at the Hospital, I was able to learn a lot about abdominal radiology and enhance

my training as a radiologist. I had the opportunity to encounter various cases, ranging from routine diagnoses to more complex and challenging situations. Through the analysis of imaging exams, I was able to refine my technical knowledge and develop essential interpretive skills. Additionally, I actively participated in clinical meetings where I could acquire knowledge from other healthcare professionals, exchange experiences, and contribute to patient treatment. This experience was pivotal in improving my practice and becoming a more comprehensive and efficient radiologist.

Sabrina de Mello Ando

HOME CENTRE:

Hospital das Clínicas da Faculdade de Medicina da USP, São Paulo, Brazil

TOPIC:

Evaluation of abdominal lesions, especially in liver, pancreas and spleen.

ASSIGNED TRAINING CENTRE:

Department of Radiology
Hospital Universitario y Politécnico La Fe
Valencia/SPAIN



The ESOR Bracco Grant gave me the incredible opportunity to conduct a two-month training course in cardio-

vascular magnetic resonance (CMR) imaging at University Hospital Zurich, which has been an outstanding experience for me. I would like to thank my tutor, Prof. Robert Manka, and his team for their warm welcome and willingness to share their knowledge. Due to the fellowship, I have fulfilled my professional goal of improving my skills in the interpretation of CMR examinations in accordance with European standards, as well as to learn pathology-specific scanning protocols, post-processing, and reporting features from this experienced CMR centre.

Anastasiya Efimova

HOME CENTRE:

Republican Scientific and Practical Centre of Cardiology, Minsk, Belarus

TOPIC:

Cardiac non-invasive imaging (cardiovascular magnetic resonance).

ASSIGNED TRAINING CENTRE:

University Hospital Zurich,
Zürich/SWITZERLAND



During my fellowship I had the opportunity to extend my knowledge in the field of cardiovascular

radiology in a renowned specialised centre. I actively supervised CT coronary scans and CMRs, and learned the fundamentals of physics and the techniques for optimum imaging quality. Additionally, I familiarised myself with the most common pathologies encountered in cardiovascular radiology by reporting a vast number of studies and discussing them with consultants who are experts in their fields. Furthermore, I gained in-depth knowledge in the latest imaging advancements in CMR, including T1 and T2 mapping and perfusion studies. Finally, I contacted a short research project, which was submitted in an international congress. Overall, my fellowship constituted a motivation and inspiration for me to seek further subspecialisation in cardiovascular radiology.

Evgenia Efthymiou

HOME CENTRE:

Attikon University Hospital, Athens, Greece

TOPIC:

Mastery of cardiac MRI by implementation of standard and advanced imaging techniques.

ASSIGNED TRAINING CENTRE:

Liverpool Heart and Chest Hospital
Liverpool/UNITED KINGDOM



I would first like to thank ESOR, Bracco, and Dr Olga Brook for making this clinical fellowship possible.

Everyone at BIDMC welcomed me with open arms and made this an engaging and unforgettable experience. This fellowship allowed me to continue my pursuit of knowledge on Abdominal Imaging, interventional procedures, and post-treatment evaluation of various abdominal diseases, with the hope that in the future I can help deliver a positive impact on Portuguese radiology and the international radiological community as a whole. I highly recommend this program.

Tiago Paulino Fonseca Torres

HOME CENTRE:

Centro Hospitalar de Trás-os-Montes e Alto Douro (CHTMAD), Vila Real, Portugal

TOPIC:

Abdominal imaging and intervention (focus on liver imaging, HCC, and post-treatment evaluation).

ASSIGNED TRAINING CENTRE:

Beth Israel Deaconess Medical Center (BIDMC)
Boston, Massachusetts/UNITED STATES OF AMERICA



I have a lively interest in breast imaging and would like to continue my education in that field of radiology, so I

consider the fellowship in Karolinska Institutet to be very fruitful, didactic, and beneficial to my work as qualified doctor. I truly believe that Artificial Intelligence studies may help in the future with more accurate and precise diagnosis and early detection algorithms in breast cancer imaging.

Dominika Maria Gasior de Alfaro

HOME CENTRE:

Centro Médico Teknon, Barcelona, Spain

TOPIC:

Role of artificial intelligence in breast imaging.

ASSIGNED TRAINING CENTRE:

Breast Radiology Department
Karolinska Institutet
Stockholm/SWEDEN



I would first like to thank ESOR and Bracco for this amazing opportunity. The time spent in the Hospital

Clinic of Barcelona was unforgettable- in just a few months I have learned a lot. My training was divided into three periods: one month in MRI, one month in ultrasound, and one month in CT. I really liked this rotation, because it allowed me to concentrate and practice my skills in each diagnostic method individually. My daily routine involved reviewing cases with my tutors and discussing all the questions I had. Furthermore, I was fully involved in daily departmental activities. I want to wish special thanks to my tutor, Dr Carlos Nicolau, for his warm welcome, and his explanations, guidance, and tutorship during my time in the Clinic Hospital. Further thanks goes to everyone who met me and communicated with me, even if they did not all speak English! All in all, I gained a lot of professional experience in this hospital, and I am certain that it will influence my future career.

Jūratė Kemėšienė

HOME CENTRE:

Hospital of Lithuanian University of Health Sciences,
Kaunas, Lithuania

TOPIC:

Prostate imaging and scientific research.

ASSIGNED TRAINING CENTRE:

Hospital Clinic of Barcelona
Barcelona/SPAIN



This ESOR/Bracco fellowship gave me the unique opportunity learn from senior colleagues at one of the largest

and most respected institutions in Europe, the Vienna General Hospital (AKH). I had the opportunity to see cardiac MRI studies of patients with rare pathologies, emergency cases, and participate in a research project. During the fellowship I also learned new protocols and imaging and postprocessing techniques. An additional benefit of the program is networking. I hope to continue the cooperation with ESOR and the colleagues from AKH within scientific and educational projects in Europe and Armenia.

Arpine Kocharyan

HOME CENTRE:

University Hospital Mannheim, Mannheim, Germany

TOPIC:

The role of cardiac MRI in sudden cardiac death risk assessment.

ASSIGNED TRAINING CENTRE:

Vienna General Hospital
Vienna/AUSTRIA



I had the privilege of spending two months at the University Hospital Amsterdam UMC, where I learned

from the renowned neuroradiologist Prof. Barkhof and Prof. Meijerink in interventional radiology. Daily activities involved participating in meetings and joining interdisciplinary tumour conferences. I had the opportunity to learn new techniques and procedures in interventional radiology, which greatly enhanced my skills. Additionally, I contributed to the Gliocare study as an evaluator under the guidance of Dr Keil. This experience will undoubtedly shape my future work and improve my radiological expertise. Beyond work, my family and I enjoyed the city's high quality of life. I am thankful for the Bracco Fellowship and the warm welcome from the friendly and competent radiologists at Amsterdam UMC.

Norman Kornemann

HOME CENTRE:

Hannover Medical School, Hannover, Germany

TOPIC:

Neuroradiology and interventional radiology.

ASSIGNED TRAINING CENTRE:

Amsterdam University Medical Center
Amsterdam/THE NETHERLANDS



I am very grateful to ESOR for giving me the incredible opportunity to attend the Clinical Bracco Fellowship

on Advanced Imaging of Cancer at Guy's and St. Thomas' NHS Foundation Trust. I would like to express my gratitude to my tutor Prof. Dr. Vicky Goh and her team of brilliant and experienced radiologists for all their support and willingness to share their knowledge. It has been a real honour for me to be a part of their team. I had the opportunity to take part in daily work and I was fully involved in all activities of the department, including educational lectures and attendance to multidisciplinary meetings and tumour boards. This fellowship was an outstanding experience and an exceptional opportunity for me to expand my knowledge in oncologic abdominal imaging. It has also allowed me to develop my language and communications skills and provided me with a unique cultural experience. I would strongly encourage all young radiologists to apply for this great opportunity offered by ESOR.

Daniela Manea

HOME CENTRE:

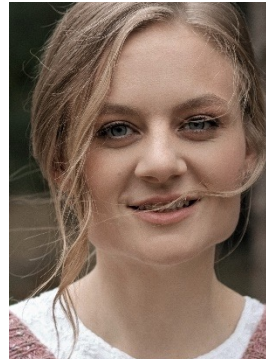
Emergency Clinical Hospital 'Sf. Spiridon', Iași, Romania

TOPIC:

Advanced imaging of cancer.

ASSIGNED TRAINING CENTRE:

Guy's and St. Thomas' NHS Foundation Trust
London/UNITED KINGDOM



After completing my basic radiology training in Belarus, I was hired as a Paediatric Radiologist at the National

Scientific and Practical Centre for Paediatric Surgery. I try to be resourceful at my job, and I have a thirst for knowledge. I wanted to upgrade my skills in paediatric cardiovascular imaging mostly because I had little experience working with cardiac MRI, and with development of a cardiac surgery of congenital heart defects, follow-up cardiac examinations are required to be radiation-safe and relatively frequent. The ESOR Bracco Fellowship 2023 was a brilliant experience for a young radiologist like me. Studying and engaging in work with experienced professionals was really encouraging for me as a specialist and will help me implement this modality in my future work.

Palina Marakhouskaya

HOME CENTRE:

Paediatric Radiology Department, National Scientific and Practical Centre for Paediatric Surgery, Minsk, Belarus

TOPIC:

Non-invasive imaging of congenital cardiovascular defects.

ASSIGNED TRAINING CENTRE:

Imaging Department, Advanced Cardiothoracic Imaging Unit
Bambino Gesù Paediatric Hospital
Rome/ITALY



This experience has been positive and enriching. During this time, I had the opportunity to learn from outstanding radiologists and I shadowed numerous studies. My week's schedule included Head and Neck

MRI shifts, temporal bone, maxillofacial and sinonasal CBCT shifts, and the Head and Neck multidisciplinary tumour board. During this fellowship, I have increased my knowledge of Head and Neck Radiology and I have built valuable relationships with colleagues from Italy. This experience exceeded my expectations. Throughout my short career, I have been very fortunate to do several academic abroad experiences, but this one has been the most unique and enjoyable.

Elena Marín

HOME CENTRE:

Universitario Marqués de Valdecilla, Santander, Spain

TOPIC:

Head and neck radiology.

ASSIGNED TRAINING CENTRE:

Spedali Civili, Brescia/ITALY



I'd like to express my deep gratitude to ESOR and the Bracco Foundation for giving me the unique opportunity to participate in the two-month clinical fellowship at University Hospital of Parma. This fellowship improved

my theoretical and practical knowledge in the field of radiology and had a positive influence on me personally. I'm extremely honoured to have received mentored training at a highly esteemed institution. Such an opportunity contributes extraordinarily to my professional development, not only in lung diseases imaging, but also in overall clinical practice. I am especially grateful to my mentor, Prof Nicola Sverzellati, but also Mario Silva, as well as other colleagues and residents, for their support, teaching, and sharing of their extensive knowledge and skills. They made me feel at home from the very beginning and included me in all clinical and research activities. The Bracco Fellowship is a great benefit for me and enabled me to expand CT and MR imaging in Serbia. At the same time, exposure to different cultural and working settings significantly contribute to my career. I reported chest X-ray and computed tomography

Sara Milenković

HOME CENTRE:

Centre for Radiology, University Clinical Centre of Serbia, Belgrade, Serbia

TOPIC:

Lung cancer study.

ASSIGNED TRAINING CENTRE:

Azienda Ospedaliero
Universitaria di Parma
Parma/ITALY

daily, and participated in cancer screening reporting sessions and thoracic oncology multidisciplinary meetings weekly. I attended lectures on chest imaging and collaborated on writing a book chapter on chest X-rays in COVID-19. I highly recommend every radiology resident to apply for an ESOR visiting program. There is nothing better than sharing knowledge with colleagues and other professionals from all over the world.



The Bracco Clinical Fellowship offered me a remarkable chance to enhance my skills in diagnostic imaging for neurodegenerative disorders and other areas of neuroradiology. The department's collegial atmosphere fos-

tered collaboration and provided valuable teaching experiences. I gained expertise in handling complex exam reports using quantitative metrics and actively participated in multidisciplinary meetings. Excitingly, this program opened doors for long-term research collaboration beyond the fellowship's duration.

André Miranda

HOME CENTRE:

Centro Hospitalar Vila Nova Gaia/Espinho, Vila Nova de Gaia, Portugal

TOPIC:

Distinguishing healthy from pathological brain ageing: systematic review of biomarkers of neurodegeneration.

ASSIGNED TRAINING CENTRE:

Erasmus Medical Center
Rotterdam/THE NETHERLANDS



This programme has already become a milestone in my career. During my fellowship period in

Linköping, I widened my horizon regarding radiology. I learned an interventional technique that requires newly developed methods and teamwork. I had the opportunity to deepen my knowledge regarding upper gastroenterology. Apart from the topic of the programme, I had experience in the other sections of radiology, during which I had a marvellous opportunity to develop my Swedish skills. I started writing radiological reports after advancing to a certain degree of competency in Swedish, which made me feel a part of the team there. Finally, I have no hesitation in mentioning the admirable people I met in Sweden and harmonious work environment I experienced.

Canver Önal

HOME CENTRE:

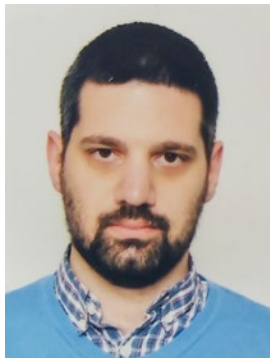
Kars Harakani State Hospital, Kars, Turkey

TOPIC:

Surveillance of hepatocellular carcinoma (HCC): participation in multidisciplinary conferences and treatment with computed tomography guided ablative therapy.

ASSIGNED TRAINING CENTRE:

Department of Radiology
Linköping University Hospital
Linköping/SWEDEN



I'd like to express my deep gratitude to ESOR and the Bracco Foundation for giving me the unique opportunity

to participate in the two-month clinical fellowship at Saint Joseph Hôpital in Paris. I am extremely honoured to receive mentored training at a highly esteemed institution. Such an opportunity will contribute extraordinarily to my professional development, not only in peritoneal disease imaging, but also in overall clinical practice. I am especially grateful to my mentor, Dr Marc Zins, but also to Dr Isabelle Boulay-Colleta, Dr Mohamed Amine Haouari, and Dr Emna Younsi, as well as other colleagues and residents, for their support, teaching, and sharing of their extensive knowledge and skills. They made me feel at home from the very beginning and included me in all clinical and research activities. I highly recommend every radiology resident to apply for an ESOR visiting program. There is nothing better than sharing knowledge with colleagues and other professionals from all over the world.

Aleksandar Pavlović

HOME CENTRE:

Centre of Radiology, University Clinical Centre of Serbia, Belgrade, Serbia

TOPIC:

Imaging of peritoneal disease.

ASSIGNED TRAINING CENTRE:

Hôpital Saint-Joseph
Paris/France



I consider myself fortunate and deeply grateful to both ESOR and Bracco for granting me this extraordinary opportunity, which will have a deep impact on both my professional and personal development. My

fellowship experience has been nothing short of exceptional, characterised by great human qualities and an unparalleled level of radiological expertise. I am immensely grateful to my supervisor, Prof. Anwar Padhani, who exemplifies excellence in every way. His guidance and mentorship have been invaluable in my clinical and research methodology development. I am confident that the emphasis on critical thinking will contribute to my future growth and success. Looking at AI implementation in data acquisition, image analysis and the framing of future applications was an unexpected bonus. The combination of exceptional mentorship, critical thinking, state-of-the-art imaging facilities, challenging cases, and engaging multidisciplinary discussions has exceeded my expectations. In retrospect, I cannot imagine a more enriching and fulfilling fellowship.

Andrea Ponsiglione

HOME CENTRE:

University Hospital Federico II of Naples, Naples, Italy

TOPIC:

Whole-body magnetic resonance imaging applications in oncology.

ASSIGNED TRAINING CENTRE:

Paul Strickland Scanner Centre
Mount Vernon Cancer Centre
Northwood/UNITED KINGDOM



Having the opportunity to participate in an environment that is people focused and is dedicated to achieving excel-

lence was a blessing. I was able to attend and observe a range of interventional sessions and partake in simulation-based sessions at the Norwich radiology academy. I attended MDT weekly and participated in the IR journal club. I also had the chance to do research and present at the annual WIRE meeting in Newmarket, as well as enrol in the popular courses in IR offered by the academy. Under the wings of Dr Tariq Ali and Dr Kelvin Tan I had the chance to go through a collection of vascular cases and teaching sessions which boosted my confidence in reporting, and PAD and EVA R planning. I am sure I will be able to deliver and introduce some of the procedures to my patients at my home hospital. I will be forever grateful to ESOR and Bracco.

Pranvera Ramadani

HOME CENTRE:

Clinical Hospital of Tetovo, Tetovo, North Macedonia

TOPIC:

Basic and advanced skills in interventional radiology.

ASSIGNED TRAINING CENTRE:

Norfolk and Norwich University Hospital
Norwich/UNITED KINGDOM



During my two-month fellowship in advanced neuro-imaging methods at the Lysholm Department of

Neuroradiology, I gained hands-on experience with cutting-edge technologies such as MRI, CT, PET, DTI, and fMRI. Under the mentorship of experienced faculty, I developed skills in acquiring, analysing, and interpreting neuroimaging data. Engaging in research projects and clinical cases broadened my understanding of the field and allowed me to contribute to scientific publications. Networking with fellow trainees and professionals expanded my connections within the neuroimaging community. Overall, this fellowship equipped me with an enhanced skill set and valuable experiences to further my career in neuroimaging research or clinical practice.

Marufjon Salokhiddinov

HOME CENTRE:

Department of Radiology, Republic Zangiota-2
Clinical Hospital, Tashkent Medical Academy,
Tashkent, Uzbekistan

TOPIC:

Advanced training in diagnostic neuroimaging techniques and tools such as MR spectroscopy, CT and perfusion imaging.

ASSIGNED TRAINING CENTRE:

Lysholm Department of Neuroradiology
National Hospital of Neurology and Neurosurgery,
UCLH Foundation Trust
London/UNITED KINGDOM



During my two-month Fellowship at the University of Cambridge, Department of Radiology, under

the exceptional guidance and expert supervision of Dr Tristan Barret, I had the privilege of participating in a comprehensive programme. I gained invaluable experience in the interpretation of urogenital radiology imaging, particularly in the field of prostate imaging. I attended weekly meetings and sessions, participated in research projects, and had a fulfilling social life during my stay in Cambridge. Overall, this clinical fellowship has significantly contributed to my professional growth and development, and I highly recommend it to other trainees seeking to deepen their knowledge and experience in urogenital radiology.

Kazim Ayberk Sinci

HOME CENTRE:

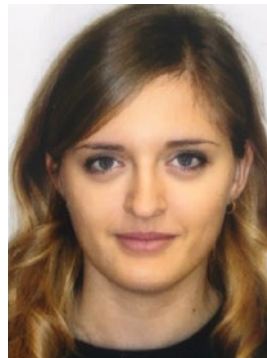
Izmir Katip Celebi University Ataturk Training and Research Hospital, Izmir, Turkey

TOPIC:

Clinical and Research Functional Imaging Techniques for Prostate Cancer Detection and Prognosis.

ASSIGNED TRAINING CENTRE:

University Department of Radiology
Cambridge/UNITED KINGDOM



As a Neuroradiology Fellow at Erasmus MC, I was able to broaden my knowledge in a state-of-the-art

institution on neuroradiology, with a special focus on neurooncology. I was surrounded by experts in the field, and from the very first day I felt like a was part of their team. I reported multiple scans every day, followed by correction sessions with further explanations of the cases. Moreover, I followed daily multidisciplinary meetings, and I was able to join an ongoing research study. I am very satisfied with my experience, and I recommend it to the future fellows.

Melania Stubos

HOME CENTRE:

University of Trieste, Cattinara Hospital, Trieste, Italy

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Erasmus Medical Center
Rotterdam/THE NETHERLANDS



I am truly honoured that my candidacy was accepted for this fellowship. I am sure I had fierce competitors! It has

been an incredible opportunity to grow not only professionally but also as a person. This rotation in Interventional Radiology at a cancer centre has been an excellent opportunity to learn all about cancer, from the clinical approach to the worries and concerns of the patients, to different treatments indications, contraindications, main procedures themselves, and even possible complications arising from said treatments as well as how to avoid and mitigate them. This has given me the opportunity to gain theoretical knowledge and hands-on experience. I am very grateful to have had this experience; I hope to be able to apply all the knowledge acquired.

María Tello Lasheras

HOME CENTRE:

Hospital Universitario Fundación Jiménez Díaz,
Madrid, Spain

TOPIC:

Percutaneous treatment of bone lesions.

ASSIGNED TRAINING CENTRE:

Memorial Sloan Kettering Cancer Centre
New York/UNITED STATES OF AMERICA



During my fellowship, I attended various biopsy procedures. Different biopsy techniques were

frequently performed in the training centre and clarified to me in detail. The follow-up of pathological results and their discussion in multidisciplinary meetings gave me a comprehensive perspective. In terms of biopsy procedures, I did not have enough experience in my home centre. From this perspective, this programme is a very meaningful and mind-opening experience.

Zülbiye Eda Tezel

HOME CENTRE:

Akdeniz University School of Medicine, Department
of Radiology, Antalya, Turkey

TOPIC:

Various imaging-guided biopsy techniques.

ASSIGNED TRAINING CENTRE:

Breast Diagnostic Centre
Reference Centre Mammography
Munich/GERMANY



This fellowship represents a carefully planned and highly anticipated professional journey. It marks the

beginning of an exciting adventure after a rigorous process of gathering documents. Achieving this goal fills me with immense satisfaction. Beaujon Hospital's Radiology department, led by esteemed radiologists, specialises in hepato-pancreatic radiology and boasts a dynamic and exceptional team. Embracing this invaluable opportunity for professional growth holds significant importance, paving the way for further advancements in my career. Lastly, the immersive exploration of Paris, with its profound cultural richness, has further enhanced the impact of this remarkable experience.

Umberto Tupputi

HOME CENTRE:

'L. Bonomo' Hospital, Andria, Italy

TOPIC:

Abdominal imaging (hepatobiliary and pancreatic diseases).

ASSIGNED TRAINING CENTRE:

Beaujon Hospital, Clichy
Université Paris Cité
Paris/FRANCE



On clinical days, I found the second opinion cases particularly interesting because they were usually

very complex and required a comprehensive assessment. It was nice for patients to both complete appointments and tests on the same day. The management seen at the Multidisciplinary Tumour Board was very interesting, and it was great to learn a different way of working. I really enjoyed working on the research projects trying to predict complete pathological responses. I have more ideas related to this project and will continue collaborating with my Dutch colleagues even when I return home.

Sofia Ventura Diaz

HOME CENTRE:

Hospital Universitario Ramon y Cajal, Madrid, Spain

TOPIC:

Breast Imaging.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



I am profoundly grateful for the opportunity to detail my learning experience during my two-month

scholarship period at the MITERA Hospital's Breast Radiology Department in Greece. As an Italian medical doctor, specialised in Sweden, I can confidently affirm the depth and uniqueness of this opportunity. I was welcomed into a professional yet familial environment in the department, led by the renowned Dr Athanasiou. Her remarkable knowledge and global experience, notably from her work in France and Greece, coupled with her substantial contributions

as an author of esteemed books and publications, provided an immense wealth of experience to learn from. The hands-on experience I was afforded was unparalleled, offering an in-depth understanding of every aspect of breast radiology. The highlight of my learning experience was gaining a profound understanding of the role of MRI as a screening method in breast radiology. This was deepened and tailored for certain patients, providing me with insight into an area of intense international focus. It is currently acknowledged that there is no capacity globally to perform MRI screening on all patients with dense breasts. This limitation was deeply considered, and we worked towards exploring how (as well as when) to maximise the benefit within available resources. This experience has significantly expanded my view on patient-centred and resource-efficient care. The skills and insights I have garnered at MITERA Hospital will undoubtedly serve as pivotal contributions to my practice. Thank you once again for this opportunity to be part of your exceptional team.

Mario Villani

HOME CENTRE:

Karlstad Central Hospital, Karlstad, Sweden

TOPIC:

Breast Imaging.

ASSIGNED TRAINING CENTRE:

Breast Imaging Department
Maternity/Gynaecological Clinic, MITERA
Athens/GREECE



Thanks to this ESO-RBRACCO FELLOWSHIP, I got the opportunity to study the experience of the Vivantes Institut für Nuklearmedizin in PET/CT in staging and follow-up of Follicular Lymphoma. I analyzed the archive of images

in the period January 2022-May 2023 and I can use this information for improving the algorithm of my mobile application for PET/CT-based primary staging and follow-up during and after the first-line chemotherapy of Follicular Lymphoma with predictive criteria calculator (based on FLIPI criteria and MTV on primary PET/CT). This app can be used by all radiologists and oncologists when needed. I also learned the physical principles, methodology and dosimetric aspects of the PET/CT imaging. I learned the using of 18F-FDG, 18F-FET, 68Ga-PSMA, 68Ga-DOTATATE, 68Ga-FAPI in Oncology and 18F-FDG and 18F-FET with MRI fusion in Neuroimaging. And now I can share this experience with all my colleagues in Belarus. I participated in 244 imaging studies, 64 were performed myself, attended 8 clinical tumor conferences and patients' discussions, and studied 15 lectures and tutorials. It was an incredible experience and an amazing time! Thank You very much.

Yuliya Yermakovich-Sauchuk

HOME CENTRE:

Minsk Oncology Center, Department of Nuclear Diagnostic

TOPIC:

Oncology imaging; technique: PET/CT; advanced training in PET/CT imaging.

ASSIGNED TRAINING CENTRE:

Vivantes Institut für Nuklearmedizin
Berlin/GERMANY



I am very grateful for the incredible opportunity to participate in the ESOR Bracco Clinical Fellowship in the field of Nuclear Medicine. I want to express my deepest gratitude to Laura Lavinia Travaini and Prof.

Francesco Ceci for offering a great welcome to their hospital. As an observer at the European Institute of Oncology you can expect to gain valuable insights into the latest treatment options and practice your skills in nuclear medicine reports. Additionally, I had the opportunity to participate in multidisciplinary tumour boards with experts in the field. To add, I was included in their research work and created my own path. This Fellowship gave me a huge step forward as a radiologist in the nuclear medicine field.

Laura Žilevičė

HOME CENTRE:

Vilnius University Hospital Santaros Clinics, Vilnius, Lithuania

TOPIC:

Hybrid imaging.

ASSIGNED TRAINING CENTRE:

European Institute of Oncology
Milan/ITALY



My fellowship experience at the Netherlands Cancer Institute was an incredible opportunity that allowed me to delve into the world of cutting-edge research and expand my research skills. The centre provided

an inspiring and supportive environment, where I had access to modern facilities and invaluable mentorship. This fellowship not only enhanced my skills and expertise but also gave me the right tools to dive deeper into compelling research projects for further scientific development. It truly was a transformative and cherished experience; one which wouldn't be available without the ESOR BRACCO fellowship and the valuable guidance of my tutors.

Georgios Agrotis

HOME CENTRE:

University Hospital of Larissa, Larissa, Greece

TOPIC:

Novel imaging and AT strategies to boost personalized and minimally invasive treatment in oncology.

ASSIGNED TRAINING CENTRE:

Radiology Department, The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



I feel incredibly privileged and grateful to ESOR and Bracco for providing me with the extraordinary opportunity to participate in a four-month research fellowship in Liver Imaging at Erasmus MC in Rotterdam.

During my fellowship, a significant portion of my daily engagement revolved around working closely with the research team. Together, we analysed data and actively contributed to ongoing research projects focused on liver imaging techniques. These projects specifically explored the role of radiomics and investigated alternative MRI protocols for contrast administration, as well as variations in MRI parameters. Our primary objective was to understand their implications in the differential diagnosis of liver lesions. By actively participating in both research and clinical activities, I gained a comprehensive understanding of liver imaging techniques, research methodologies, and their clinical implications. This well-rounded exposure has equipped me with valuable skills and knowledge that I am eager to apply in future research and clinical endeavours, with the aim of making a positive impact in the field of liver imaging.

Angela Ammirabile

HOME CENTRE:

Humanitas Research Hospital, Milan, Italy

TOPIC:

Participation in ongoing fundamental, translational, clinical, or epidemiological imaging studies.

ASSIGNED TRAINING CENTRE:

Erasmus Medical Centre
Rotterdam/THE NETHERLANDS



Over the course of four months, starting from 1st of February 2023, I had the privilege of being part of a team con-

ducting groundbreaking experiments and studies, thanks to the support of Univ. Prof. Dr. Dr Vogl and his team. From the very first day, I was welcomed into an environment filled with experienced scientists and physicians who play pioneering roles in the field of radiology. This fellowship provided me with invaluable opportunities to learn and grow. I gained expertise in radiomics analysis, conducting and analysing meta-analyses, and conducting prospective studies. Additionally, I had the privilege of working with emerging technologies, such as a new system for MR elastography, even before they became commercially available. I am genuinely grateful for their mentorship and the opportunity to contribute to their ongoing projects. Looking ahead, I am excited about the potential for future collaborations and the opportunity to work together on different projects. This research fellowship has been a transformative experience, and I am eager to apply the knowledge and skills I have gained to further advance the field of radiology.

Duygu Cengiz

HOME CENTRE:

Koc University Hospital, Istanbul, Turkey

TOPIC:

3D MRI and CT in the follow-up after intervention in liver cancer.

Assigned training centre:

Universitätsklinikum Frankfurt
Frankfurt-am-Main/GERMANY



The Bracco Research Fellowship has been a fantastic and remarkable experience, enriching

me both professionally and socially. I have acquired a solid foundation in the field of MRI post-processing applied to epilepsy, and initiated a research collaboration with my training centre, a work we are committed to continuing even beyond the conclusion of this fellowship. My deepest gratitude goes to Professor Nuria Bargalló, Dr Sofia González Ortiz, and all the members of the Neuroradiology research unit at Hospital Clinic, Barcelona, for the availability to host me and drive this project forward successfully. Furthermore, I wish to express my sincere gratitude to Bracco and the European School of Radiology ESOR for providing this outstanding career opportunity, which has significantly enhanced my research capabilities. I would highly recommend this fellowship to any colleague interested in advancing in their research.

Francesca de Luca

HOME CENTRE:

Department of Radiology, Karolinska University Hospital, Stockholm, Sweden

TOPIC:

Neuroradiology.

ASSIGNED TRAINING CENTRE:

Instituto de Investigaciones Biomédicas August Pi I Sunyer IDIBAPS, Hospital Clinic Barcelona/SPAIN



I am a young radiologist who recently obtained EDIR certification and am interested in artificial intelligence

applications in radiology. With a successful thesis research on radiomics and a background in the field, I applied for the research training program at the Department of Biomedical Imaging and Image-guided Therapy, MedUni Vienna. During my training period, I actively participated in ongoing research projects focused on machine learning in lung cancer. Collaborating with IT engineers as part of a research team significantly expanded my perspective and deepened my understanding of artificial intelligence. Additionally, I had the opportunity to participate in routine board meetings and multidisciplinary team discussions on thoracic radiology. The entire team was welcoming and supportive throughout my training, making it a highly enriching experience. I am immensely grateful to the ESOR committee for granting me this valuable opportunity.

Oğuz Lafci

HOME CENTRE:

Dr. Nafiz Körez Sincan State Hospital, Ankara, Turkey

TOPIC:

Machine learning in lung cancer.

ASSIGNED TRAINING CENTRE:

Department of Biomedical Imaging and Image-guided Therapy
MedUni Vienna, Vienna General Hospital
Vienna/AUSTRIA



I would like to thank ESOR and BRACCO for this amazing opportunity to go to London and work with Prof.

Goh and her wonderful team. My expectations of the fellowship were exceeded, and I have benefited immensely from it. I have always been interested in research, but always felt I had to focus on my training. As such I participated in several research projects in my department, but felt it was time to learn more about research and enhance my skills, and I decided to apply for the ESOR research fellowship. I spent several very interesting and productive months in London and worked on different research projects. I was able to acquire a lot of knowledge, not only about research, but also about mentoring, leadership and teamwork, and I look forward to implementing my new knowledge and skills in future projects.

Laura Löbelenz

HOME CENTRE:

Inselspital, University Hospital Bern, Bern, Switzerland

TOPIC:

AI for prostate cancer detection.

ASSIGNED TRAINING CENTRE:

King's College London and Guy's and St. Thomas Hospital
London/UNITED KINGDOM



During the research fellowship I participated and developed multiple projects. I learned a lot about what it takes to carry out research on AI applications in medical imaging and quality assessment. Apart from

research work, I took part in the reporting process, performed musculoskeletal ultrasonography and learned general guidelines on how to perform CT guided bone biopsies and ultrasound guided arthrography. I met a lot of new colleagues, developed new contacts, and attended numerous networking events where I learned more about the inner workings of European Society of Musculoskeletal Radiology (ESSR) and the Youth Club, which I involved myself more in.

Kitija Nulle

HOME CENTRE:

Riga East Clinical University Hospital, Riga, Latvia

TOPIC:

Artificial intelligence applied to imaging of bone and soft tissue tumours.

ASSIGNED TRAINING CENTRE:

I.R.C.C.S Galeazzi Orthopaedic Institute
Milan/ITALY



The research stay in the Department of Radiology at USZ Zurich has been an enriching experience. The department is well organised and has a very structured reporting system. Prof. Alkadhi has been very supportive and

took good care of me. The residents and fellows were very friendly and accommodative. During my fellowship, I was involved in clinical activities and studying the operation of Photon-counting detector CT, attending several virtual teaching sessions and several projects including Coronary Stenosis Quantification with Ultra-High-Resolution Photon-Counting Detector CT Angiography – Comparison with 3D Quantitative Coronary Angiography, and Virtual Calcium Removal in Calcified Coronary Arteries with Photon-Counting Detector CT: Comparison with Quantitative Coronary Angiography. Manuscripts from these projects are in their final stages of editing. Overall, it was a once-in-a-lifetime experience, both professionally and personally, and hopefully this will be a stepping stone for future collaboration. I would like to express my sincere gratitude to Prof Alkadhi and his team, Drs Eberhard and Mergen, and ESOR for making this possible for me.

Rengarajan Rajagopal

HOME CENTRE:

All India Institute of Medical Sciences, Jodhpur, India

TOPIC:

New ways of cardiac imaging with photon-counting detector CT.

ASSIGNED TRAINING CENTRE:

Diagnostic and Interventional Radiology
University Hospital Zürich
Zürich/SWITZERLAND



During my Fellowship in Vienna, I gained a better understanding of scientific research. With the help of my supervisors, I learnt how to design a research project, define the most important variable, extract radiological

features from images taken using different breast lesion detection methods, analyse them using statistics, and write scientific abstracts to be submitted to various international meetings. I also acquired skills such as teamwork and the ability to organise and manage time to achieve a goal within a given deadline.

Ambra Santonocito

HOME CENTRE:

University of Turin, AOU Città della salute e della Scienza di Torino, Turin, Italy

TOPIC:

Can contrast-enhanced mammography (CEM) replace contrast-enhanced breast magnetic resonance imaging (bMRI) in the assessment of suspicious breast findings? An intraindividual comparison.

ASSIGNED TRAINING CENTRE:

Medical University of Vienna
Vienna/AUSTRIA



Thank ESOR scholarship for this experience. I had an extraordinary course in the multidisciplinary approach in colorectal cancer. The entire team of teachers, radiologists, surgeons, chemo-radiother-

apists, offered us support and shared their knowledge and experience. The Netherlands Cancer Institute is a modern hospital equipped with the latest technology (robotic surgery, artificial intelligence, 3D organ reconstruction) and a wide spectrum of operations. The days spent in the operating rooms were wonderful, full of new experiences. All the knowledge acquired in this scholarship is very useful in daily practice. I encourage everyone to apply for these courses.

Tudor Banarescu

HOME CENTRE:

ICS Health Forever International

TOPIC:

General surgery,

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute, Department of Radiology and Department of Colorectal Surgery, Amsterdam, Netherlands



In December 2023, my colleague PD Dr Felix Krenzien and I had the opportunity to participate in the two-week ESOR Multidisciplinary Fellowship focused on hepatobiliary and pancreatic diseases. We were privileged to be

selected for the first Fellowship in this field. Our host institution, the renowned Beaujon Hospital in Clichy, France, provided an enriching and unforgettable experience. The fellowship was organised by Prof. Dr. Valérie Vilgrain (Radiology) and Prof. Dr. Mickaël Lesurtel (Surgery). They both set up a program with a primary objective: to emphasise the significance of multidisciplinary collaboration in the treatment of patients with hepatobiliary and pancreatic diseases. The fellowship was excellently prepared with a well-planned schedule that was based on visits to the departments of radiology and surgery on alternate days. This well-structured schedule included participation in clinical meetings and tumour conferences, covering a wide spectrum from primary liver tumours and pancreatic carcinomas to neuroendocrine tumours and liver metastases. One remarkable aspect of our experience was the warmth and openness exhibited by all specialists, as they graciously conducted conferences

Uli Fehrenbach

HOME CENTRE:

Charité – Universitätsmedizin Berlin

TOPIC:

Hepatic imaging.

ASSIGNED TRAINING CENTRE:

University Beaujon Hospital
Clichy/France

in English, ensuring our active participation and integration into the multidisciplinary team. Rather than passive observers, we were encouraged to engage in discussions and contributing to the decision-making process, so that we were integrated as part of the multidisciplinary team. Beyond the conferences, we had the privilege of actively participating in the clinical work of diagnostic and interventional radiology and surgery, enabling a dynamic exchange with our colleagues. We had the opportunity to participate in endovascular interventions (e.g. TACE, TARE, and portal vein stenting) and thermal ablations of liver lesions in interventional radiology, as well as active involvement in complex liver operations (open, laparoscopic and robotic). This experience further reinforced our sense of belonging within the multidisciplinary framework. A notable highlight was our two-day participation in an international consensus conference on robotic surgery hosted in Paris for the first time. This opportunity provided us with invaluable insights and exposure to cutting-edge advancements in the field. Another exceptional facet of our fellowship was the introduction to the hospital's multidisciplinary consultation hour, 'HOPE' (Hepatic or Pancolic Evaluation). Witnessing patients with diverse conditions being jointly evaluated by a surgeon, radiologist, and internist left an indelible mark. The active multidisciplinary demonstrated during these consultations showcased the power of collaborative decision-making and left a lasting impression on us.



My colleague and I were honoured to be selected for the ESOR multidisciplinary visiting fellowship, providing us with a unique opportunity to gain insights into the collaborative efforts between the radiology and surgery

departments at a globally renowned centre for hepatobiliary diseases. Our host institution was the esteemed University Beaujon Hospital, where we were under the guidance of Prof. Valérie Vilgrain, Chair of the Department of Radiology, and Prof. Mickaël Lesurtel, Chair of the Surgical Department. During our visit, we had the privilege of observing intricate robotic surgeries and witnessing advanced radiological interventional treatments for liver cancer. The warmth of the invitation extended to us made us feel like integral members of the team. We actively participated in teaching sessions, tumour conferences, and had the opportunity to witness the nuanced process of making well-balanced and challenging treatment decisions. The experience was truly exceptional, contributing significantly to our professional knowledge and skillset. We wholeheartedly recommend this fellowship to any hepatobiliary surgeon or radiologist seeking a comprehensive and enriching learning experience.

Felix Krenzien

HOME CENTRE:

Department of Surgery, Charité Hospital, Berlin, Germany

TOPIC:

Hepatic imaging.

ASSIGNED TRAINING CENTRE:

University Beaujon Hospital
Clichy/France



The ESOR Multidisciplinary Fellowship Program gave me an excellent opportunity to learn simultaneously

from the best radiologists and surgeons in the world. At NKI, I was involved, as a part of our home surgeon/radiologist team, in reporting sessions, department meetings, tumour board preparation, multidisciplinary team discussions, intervention procedures, and surgeries. I analysed over a hundred educational cases in colorectal cancer radiology, especially rectal cancer MRI structured reporting practice. I learned state-of-art techniques, treatment strategies and research projects. I have significantly improved my understanding, knowledge, and experience in Abdominal Imaging and Surgery. I understood how to improve our team collaboration and efficiency in routine work in oncology department and on tumour board discussions in my country, to maximize patient benefit, and to personalize treatment strategies. I highly recommend this program.

Tatiana Plescan

HOME CENTRE:

Medpark International Hospital, Chisinau, Moldova

TOPIC:

Colorectal cancer.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



During my fellowship at the Netherlands Cancer Institute in Amsterdam as part of the ESOR Multidisciplinary

Visiting Fellowship, I had more opportunities to observe and learn than I had expected. I was able to observe communication between surgeons and patients in the outpatient clinic, see colonoscopies, and participate in multidisciplinary meetings. In the operating room, there was an opportunity to see a rectal resection using a US/CT navigation system for locally disseminated rectal cancer. The interventional radiologist had an interesting case in which a liver metastasis was verified by a special MRI/CT diffusion program and radiofrequency ablation was performed. I studied rare and interesting cases from archives and had case-related discussions with radiologists. At the same time, I was able to explore the city of Amsterdam and had a lot of fun in the old town and on a canal cruise! Finally, I would like to thank you for this fellowship program and hope that I can bring some of this knowledge back to Lithuania.

Monika Škimelytė

HOME CENTRE:

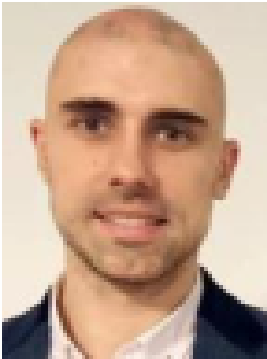
Lithuanian University of Health Sciences hospital,
Kaunas, Lithuania

TOPIC:

Colorectal cancer.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



I am truly grateful for my enriching experience during the first ESOR Multidisciplinary Visiting Fellowship

at the Netherlands Cancer Institute. This two-week program substantially deepened my comprehension of colorectal cancer management, underscoring the essential collaboration between radiologists and surgeons. The well-organised schedule offered a thorough insight into the surgical and radiological aspects of patient care. Participating in various surgical observations and engaging in thought-provoking multidisciplinary dialogues was enlightening. I extend my heartfelt thanks to ESOR and the team of Prof. R. Beets-Tan for this opportunity, which has profoundly influenced my patient care approach and will continue to impact my surgery specialisation.

Justas Žilinskas

HOME CENTRE:

The Hospital of Lithuanian University of Health Sciences, Kaunas, Lithuania

TOPIC:

Colorectal cancer.

ASSIGNED TRAINING CENTRE:

The Netherlands Cancer Institute
Antoni van Leeuwenhoek Hospital
Amsterdam/THE NETHERLANDS



During this year-long Teaching Fellowship I had the opportunity to visit two distinct radiology departments.

The first visit was the Ribera Povisa Hospital, Vigo, and the second was the Aga Khan University Hospital, Nairobi. These visits provided invaluable platforms for knowledge exchange and partnership development. The visit to Vigo's radiology department

was marked by insightful discussions during two separate talks: one about liver imaging, challenges in diagnosing liver lesions, from benign to malignant, and the second talk and workshop focused on intra-arterial liver treatments such as TACE or TARE. The atmosphere fostered an environment conducive to sharing experiences and expertise. Similarly, the visit to Nairobi's radiology department presented an equally enriching experience, with a different reality, a larger hospital, and an East African context, with patients from countries such as Uganda, Somalia, and Eritrea. Through the two talks and workshops we had time to exchange experiences and insights with enthusiasm and receptivity. The topics were adapted to each department's needs which was perfect. I also had the possibility to talk about the ESR and advantages of being a member, and the benefits both individually and as a department. Overall, these visits served as catalysts for networking, knowledge sharing, and the establishment of potential future collaborations, affirming the significance of such interactions in advancing the radiology discipline. I would like to thank the opportunity ESR gave me, through the ESOR's Nicholas Gourtsoyiannis Teaching Fellowship.

Hugo Rio Tinto

HOME CENTRE:

Interventional Oncology Unit, Champalimaud Foundation, Lisbon, Portugal

TOPIC:

Liver imaging.

ASSIGNED TRAINING CENTRES:

Aga Khan University Hospital
Nairobi/KENYA

Ribera Povisa Hospital
Vigo/SPAIN



The Alexander Margulis fellowship is without a doubt a one of the greatest sources of MR imaging-focused education

and is both a possibility to deepen one's interest and an incredible opportunity to shape one's research affinity. The Division of Neuroradiology at the Medical University of Vienna has a well-established working

routine that I was actively involved in. A great advantage of this tertiary care hospital department is the diversity and level of severity of pathologies, opening up the possibility of iterative and constantly improving dedicated MR examinations, and therefore enhancing the level of imaging. The Neuroradiology Department has many devoted clinicoradiological boards; taking part in these boards has been a great experience and has surely expanded my knowledge. I cannot express enough my appreciation to Profs Kasprian and Prayer for this unforgettable experience, and I also express my thanks to their team, who are always keen to share their remarkable knowledge with fellows from all over the world and involve them in exciting research projects.

Intesar-Victoria Malla Houech

HOME CENTRE:

Medical University of Sofia, Sofia, Bulgaria

TOPIC:

MR imaging of the nervous system and foetal MR.

ASSIGNED TRAINING CENTRE:

Division of Neuroradiology and Musculoskeletal Radiology
 Department of Biomedical Imaging and Image-guided Therapy
 Medical University of Vienna
 Vienna/AUSTRIA



Experience: I joined the Netherlands Cancer Institute (NKI) as a research fellow in cancer imaging in July

2023 and completed my fellowship in June 2024. My work focused primarily on the clinical application of AI. My experience at NKI exceeded expectations from start to finish, with a welcoming atmosphere that made it easy to acclimate to the department. In my first meeting with Prof. Regina Beets-Tan, she encouraged me to aim for a PhD as an extension of my fellowship, setting a motivational tone for my stay. She guided me throughout my journey, helping me devise a plan to work on my projects and pursue my goals. I was fortunate to have Laurens Topff as my supervisor, who provided constant support, helped me navigate my fellowship, and taught me the importance of networking and research project planning and execution. The department's environment was cordial, friendly, and filled with academic opportunities. Though I left the department physically, I continue to work on several projects as part of my PhD journey, receiving guidance and support to fulfil my dream of earning a PhD.

Neeraj Jain

HOME CENTRE:

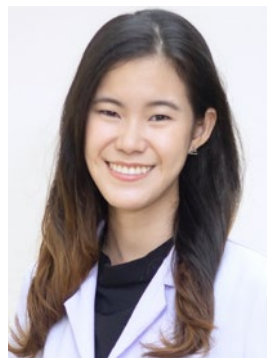
Sanjay Gandhi Postgraduate Institute of Medical Sciences (SGPGIMS), Lucknow, India

TOPIC:

Research Fellowship in Cancer Imaging

TRAINING CENTRE:

Department of Radiology, Netherlands Cancer Institute, Amsterdam, Netherlands



I am deeply thankful to ESOR for welcoming me into this incredible community. From day one, Prof. Regina Beets-

Tan and the radiology team created an environment of warmth and collaboration, sparking both professional and personal growth. The enriching educational sessions, fascinating case observations, and dynamic multidisciplinary meetings have broadened my horizons. Diving into diverse research from study design and database creation to IRB submissions and grant writing has been eye-opening, particularly alongside prestigious European partners like EIBIR, EUCAIM, CIRSE, and experts from Spain, Germany, and France. Working on cutting-edge AI projects for tumor segmentation has also been incredibly rewarding. This experience has not only honed my skills but also ignited a passion to push the boundaries of Oncologic Imaging and shape the future of radiology with innovation and impact.

Warissara Jutidamrongphan

HOME CENTRE:

Wattanapat Samui Hospital/Prince of Songkla University Hospital, Thailand

TOPIC:

Imaging of Cancer

ASSIGNED TRAINING CENTRE:

Netherlands Cancer Institute



I have been warmly and professionally welcomed by Prof. Nougaret and her wonderful and skilled team in

the PINKCC (Precision Imaging as a novel key in Cancer Care) –lab at ICM (Institut du Cancer de Montpellier). I have already had the chance to participate in a wide range of interesting activities. In the clinical radiology department activities range from abdominal/pelvic CT and MRI exams, multidisciplinary tumor boards, and educational courses. I am also involved in several projects about cancer rectum and gynecology cancers, and radiomic profiling. I know I will continue to enjoy and benefit from the fellowship stay in 2024 and could not be happier with the first months.

Lene Bjerke Laborie

HOME CENTRE:

Haukeland University Hospital, Bergen, Norway

TOPIC:

Oncologic Imaging

ASSIGNED TRAINING CENTRE:

ICM Institut du Cancer de Montpellier, France
Montpellier/FRANCE

ESOR JO LI SCHOLARSHIP

(postponed from 2020 to 2024)



My participation in the Jo Li Programme at Queen Elizabeth Hospital Birmingham was an enriching

experience. I engaged in a well-structured training program under Prof. Sawlani, which included MDT meetings, hot reporting, and advanced technique scanning. This program provided me with a deeper understanding of the differences between Chinese and British radiology practices. The experience has inspired future plans for international collaboration, including knowledge exchange programs, joint research projects, and continued education. I am deeply grateful to the ESOR office, Queen Elizabeth Hospital, the Jo Li Trust, and Prof. Sawlani for this invaluable opportunity.

Xuanxuan Li

HOME CENTRE:

Huashan Hospital, Fudan University, Shanghai, China PR

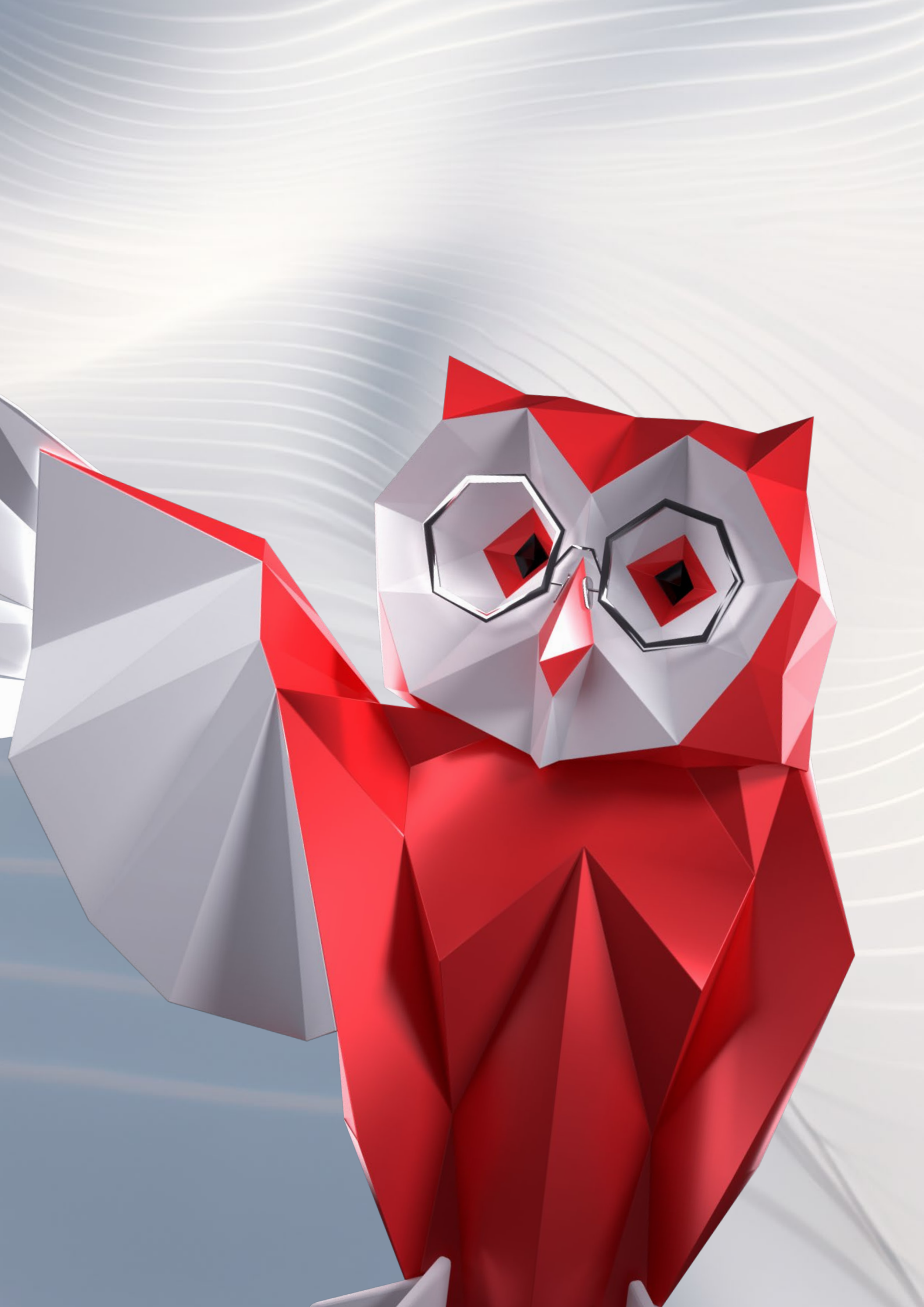
TOPIC:

General Training Programme and Neuroradiology.

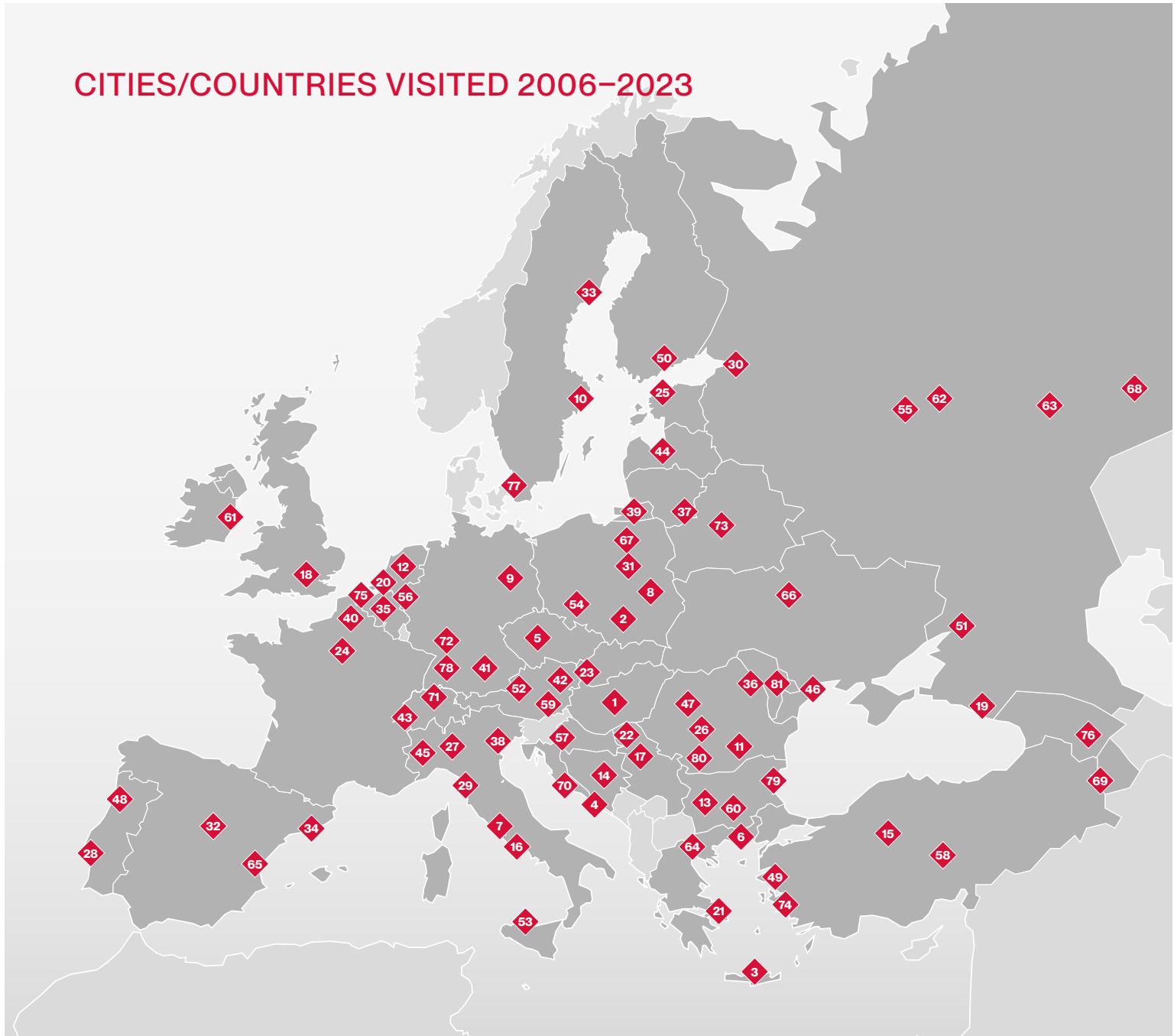
ASSIGNED TRAINING CENTRE:

Queen Elizabeth Hospital
Birmingham/UNITED KINGDOM





CITIES/COUNTRIES VISITED 2006–2023



Europe

- | | | | |
|------------------------------------|----------------------------|-------------------------------|------------------------|
| 1 Budapest/Hungary | 22 Novi Sad/Serbia | 43 Geneva/Switzerland | 64 Thessaloniki/Greece |
| 2 Krakow/Poland | 23 Bratislava/Slovakia | 44 Riga/Latvia | 65 Valencia/Spain |
| 3 Heraklion/Greece | 24 Paris/France | 45 Turin/Italy | 66 Kiev/Ukraine |
| 4 Dubrovnik/Croatia | 25 Tallinn/Estonia | 46 Odessa/Ukraine | 67 Serock/Poland |
| 5 Prague/Czech Republic | 26 Sibiu/Romania | 47 Cluj-Napoca/Romania | 68 Ekaterinburg/Russia |
| 6 Alexandroupolis/Greece | 27 Milan/Italy | 48 Porto/Portugal | 69 Yerevan/Armenia |
| 7 Rome/Italy | 28 Lisbon/Portugal | 49 Izmir/Turkey | 70 Split/Croatia |
| 8 Lublin/Poland | 29 Pisa/Italy | 50 Helsinki/Finland | 71 Zurich/Switzerland |
| 9 Berlin/Germany | 30 Saint Petersburg/Russia | 51 Rostov-on-don/Russia | 72 Heidelberg/Germany |
| 10 Stockholm/Sweden | 31 Warsaw/Poland | 52 Salzburg/Austria | 73 Minsk/Belarus |
| 11 Bucharest/Romania | 32 Madrid/Spain | 53 Palermo/Italy | 74 Kuşadası/Turkey |
| 12 Amsterdam/The Netherlands | 33 Umeå/Sweden | 54 Wrocław/Poland | 75 Ghent/Belgium |
| 13 Sofia/Bulgaria | 34 Barcelona/Spain | 55 Moscow/Russia | 76 Tbilisi/Georgia |
| 14 Sarajevo/Bosnia and Herzegovina | 35 Brussels/Belgium | 56 Maastricht/The Netherlands | 77 Malmö/Sweden |
| 15 Ankara/Turkey | 36 Iasi/Romania | 57 Zagreb/Croatia | 78 Tübingen/Germany |
| 16 Latina/Italy | 37 Vilnius/Lithuania | 58 Kayseri/Turkey | 79 Varna/Bulgaria |
| 17 Belgrade/Serbia | 38 Padua/Italy | 59 Graz/Austria | 80 Craiova/Romania |
| 18 London/United Kingdom | 39 Kaliningrad/Russia | 60 Plovdiv/Bulgaria | 81 Chişinău/Moldova |
| 19 Sochi/Russia | 40 Lille/France | 61 Dublin/Ireland | |
| 20 Rotterdam/The Netherlands | 41 Munich/Germany | 62 Suzdal/Russia | |
| 21 Athens/Greece | 42 Vienna/Austria | 63 Kazan/Russia | |

CITIES/COUNTRIES VISITED 2006–2023

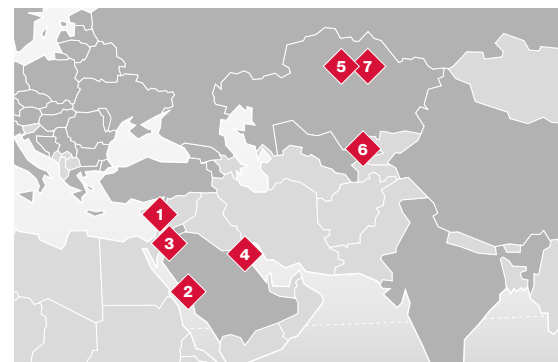


Asia

- 1 Beijing/China
- 2 Qingdao/China
- 3 Nanjing/China
- 4 Shanghai/China
- 5 Kunming/China
- 6 Guangzhou/China
- 7 Hangzhou/China
- 8 Chengdu/China
- 9 Changsha/China
- 10 Dalian/China
- 11 Suzhou/China
- 12 Shenzhen/China
- 13 Guilin/China
- 14 Shenyang/China
- 15 Shijiazhuang/China
- 16 Xi'an/China
- 17 Wuhan/China
- 18 Hefei/China
- 19 Tianjin/China
- 20 Zhengzhou/China
- 21 Chongqing/China
- 22 Fuzhou/China
- 23 Taiyuan/China
- 24 Harbin/China
- 25 Jinan/China
- 26 Urumqi/China
- 27 Changchun/China
- 28 Nanchang/China
- 29 Ningbo/China
- 30 Haikou/China
- 31 Wuxi/China
- 32 Yinchuan/China
- 33 Seoul/Korea
- 34 Bangkok/Thailand
- 35 Manila/The Philippines
- 36 Kolkata/India
- 37 Iloilo/The Philippines

Latin America

- 1 Santiago/Chile
- 2 Rio de Janeiro/Brazil
- 3 Belo Horizonte/Brazil
- 4 São Paulo/Brazil
- 5 Salvador/Brazil
- 6 Brasília/Brazil
- 7 Porto Alegre/Brazil
- 8 Mexico City/Mexico
- 9 San Miguel de Allende/Mexico
- 10 Campinas/Brazil
- 11 Recife/Brazil
- 12 Mérida/Mexico
- 13 Guadalajara/Mexico
- 14 Cancún/Mexico
- 15 Bogotá/Colombia
- 16 Cartagena/Colombia
- 17 Curitiba/Brazil
- 18 Monterrey/Mexico
- 19 Puebla/Mexico
- 20 Mar del Plata/Argentina
- 21 León/Mexico
- 22 Morelia/Mexico
- 23 Maceio/Brazil



Middle East and Central Asia

- 1 Beirut/Lebanon
- 2 Jeddah/Saudi Arabia
- 3 Amman/Jordan
- 4 Kuwait City/Kuwait
- 5 Nur-Sultan/Kazakhstan
- 6 Tashkent/Uzbekistan
- 7 Astana/Kazakhstan

Enjoy Education

ESOR Office | European Society of Radiology

Am Gestade 1 | 1010 Vienna | Austria

Phone: +43-1-533 40 64-535

Fax: +43-1-533 40 64-448

esor@myesr.org

esor.org