

ISSN 2537-6373 (Print)
ISSN 2537-6381 (Online)

The Moldovan Medical Journal

The Publication of the Scientific Medical Association of Moldova

Issued once in two months

Vol. 61
RMI Congress Issue
May, 2018

The IVth Congress of Radiology and Medical Imaging
of the Republic of Moldova with international participation

Chisinau, May 31 – June 2, 2018



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Welcome to the Moldovan Medical Journal!

The Moldovan Medical Journal is an international scientific double-blind peer reviewed periodical edition, 6 per year, of the Scientific Medical Association of the Republic of Moldova designed for specialists in the areas of medicine, dentistry, pharmacy, social medicine and public health. From its debut the journal has striven to support the interests of Moldovan medicine concerning the new concepts of its development.

The Editorial Board warmly welcomes both the readers of and the authors for the journal, all those who are enthusiastic in searching new and more effective ways of solving numerous medicine problems. We hope that those who want to make their contribution to the science of medicine will find our journal helpful and encouraging.

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Program of the IVth Congress of Radiology and Medical Imaging of the Republic of Moldova with international participation, Chisinau, May 31 – June 2, 2018

Programme du IVème Congrès de Radiologie et d'Imagerie Médicale de la République de Moldova avec participation internationale, Chisinau, 31 mai – 2 juin 2018

Congress venue

Nicolae Testemitsanu State University of Medicine and Pharmacy
165, Stefan cel Mare si Sfant Avenue, Chisinau, the Republic of Moldova

May 31, 2018

Senate Hall

10³⁰- 15³⁰ – Registration

Radisson Blu Leogrand Hotel (77, Mitropolit Varlaam Street)

16⁰⁰- 17⁰⁰ – Concert

17⁰⁰- 18³⁰ – Opening ceremony

18³⁰- 20³⁰ – Welcome cocktail

June 1, 2018

Senate Hall

08⁰⁰-08⁴⁰ – European Society of Radiology (ESR) session

Moderators: Natalia Rotaru (Moldova), Maxim Crivceanschii (Moldova), Robert Gruenkranz (Austria)

- **Derchi Lorenzo.** *Presentation about ESR and ECR.* Genoa, Italy.
- **Derchi Lorenzo.** *Imaging the acute female pelvis.* Genoa, Italy.

08⁴⁰-09⁰⁰ – Canon Medical Systems Europe session

- **Verlaan Roy.** *Ultra high Resolution Computed Tomography (CT).* Zoetermeer, The Netherlands.

09⁰⁵- 10⁰⁰ – Nuclear Medicine session

Moderators: Ion Codreanu (Moldova), Abass Alavi (USA), Viktoriia Kundina (Ukraine)

- **Alavi Abass.** *Unparalleled contributions of FDG-PET imaging to medicine over the past 4 decades.* Philadelphia, USA.
- **Alavi Abass.** *Evolving role of PET imaging in assessment of atherosclerosis.* Philadelphia, USA.
- **Alavi Abass.** *Evolving role of FDG-PET in detecting and characterizing infectious and inflammatory disorders.* Philadelphia, USA.
- **Alavi Abass.** *What can and what cannot be accomplished with PET, clarifying ongoing misconceptions.* Philadelphia, USA.
- **Stănișor Liviu.** *The role of nuclear medicine in modern clinical practice.* Neolife Iași, Romania.
- **Babkina Tetyana, Kundina Viktoriia.** *SPECT myocardial perfusion imaging for the assessment of the quantity of viable myocardium.* Kyiv, Ukraine.
- **Nersin Aslan.** *Molecular imaging with Ga68 in prostate cancer.* Neolife, Turkey.

10⁰⁰-10¹⁵ – Coffee break

10¹⁵-12¹⁵ – Neuroimaging session

Moderators: Stanislav Groppa (Moldova), Cem Calli (Turkey), Olav Jansen (Germany)

- Chiosa Vitalie, **Ciolac Dumitru,** Anestiadi Vasile, Vataman Anatolie, Groppa Stanislav. *What makes the difference: revealing the neuroanatomical correlates of nocturnal and diurnal seizures.* Chișinău, Moldova.

- **Vataman Anatolie**, Chiosa Vitalie, Anestiadi Vasile, Ciolac Dumitru, Groppa Stanislav. *Brain structural integrity alterations in epilepsy with myoclonic seizures*. Chișinău, Moldova.
- **Jansen Olav**. *Technical developments and clinical results for neurothrombectomy in acute ischemic stroke*. Kiel, Germany.
- **Calli Cem**. *Non-traumatic brain injuries*. Izmir, Turkey.
- **Kastler Bruno**. *Radiologie interventionnelle dans le traitement des céphalées réfractaires*. Paris, France.
- **Moldovanu Maria**, Miron Ana. *Presurgical diagnostic work-up in epilepsy*. Chișinău, Moldova.
- **Sanduța Carolina**. *Le diagnostic d'imagerie de la mort cérébrale*. Chișinău, Moldova.
- Prohin Vladimir, **Orlic Anna**, Bejenari Oleg. *Evaluation of CSF flow dynamics by phase contrast ultra-high field MRI in different types of hydrocephalus*. Chișinău, Moldova.

12²⁰-12⁵⁰ – Lunch

12⁵⁰-13²⁰ – Contrast agents session

- **Gheonea Ioana Andreea**, Lucian Mihai Florescu, Alina-Maria Lapadat, Raluca-Elena Meetescu, Ioana-Adina Cotoi, Maria Violeta Novac, Simona Bondari. *Role of gadoxetic-acid enhanced 3T MRI and diffusion in liver nodules diagnosis*. Craiova, Romania.
- **Rotaru Natalia**. *Substanțele de contrast în patologia glandelor mamare examinate prin IRM 1,5T*. Chișinău, Moldova.

13²⁵-15²⁰ – Cardiovascular Imaging session

Moderators: Aureliu Batrînac (Moldova), Gaxotte Virginia (France), Tregubova Mariia (Ukraine)

- **Batrînac Aureliu**. *Imagistica în patologia aortei – viziunea chirurgului cardiovascular*. Chișinău, Moldova.
- **Gaxotte Virginia**. *Comment réussir un scanner cardiaque et coronarien (SCC)?* Paris, France.
- **Grib Andrei**, Abraș Marcel, Surev Artiom. *Măsurarea rezervei fracționale de flux pentru aprecierea funcțională a severității stenozelor coronariene*. Chișinău, Moldova.
- **Tregubova Mariia**. *Le rôle de l'angioscanner coronarien dans l'évaluation de la maladie coronarienne [The role of CT coronary angiography in the evaluation of coronary artery disease]*. Kyiv, Ukraine.
- **Maliga Oxana**, Rotaru Natalia, Repin Oleg, Corcea Vasile, Guzgan Iurie. *Évaluation échocardiographique de l'hypertension artérielle pulmonaire dans les cardiopathies congénitales*. Chișinău, Moldova.
- **Cucu Ilona**, Cerevan Eugen. *Angioplastia cu balon a valvei arterei pulmonare*. Chișinău, Moldova.
- **Cazacu Anatolie**. *Evaluarea deformării globale a miocardului ventricular prin rezonanță magnetică cardiacă la voluntari sănătoși*. Chișinău, Moldova.
- **Grigore Popusoi**. *Sténose de l'artère carotide chez les patients asymptomatiques: quand et quoi faire? [Carotid artery stenosis in asymptomatic patients: when and what should be done?]*. Mercogliano, Italy.

15²⁰-15³⁰ – Coffee break

15³⁰-18⁰⁰ – Oncology Imaging session (part I)

Moderators: Frank Boudghene (France), Lorenzo Mannelli (USA), Sukru Mehmet Erturk (Turkey), Dana Stoian (Romania).

- **Boudghene Frank**. *Radiologie interventionnelle percutanée en cancérologie*. Paris, France.
- **Mannelli Lorenzo**. *Liver imaging in oncologic patients lecture*. New York, USA.
- **Mannelli Lorenzo**. *Pancreatic cancer lecture*. New York, USA.
- **Paroder Viktoriya**. *Imaging rectal cancer in 2018: how good are we?* New York, USA.
- **Paroder Viktoriya**. *Imaging esophageal cancer in 2018: achievements and challenges*. New York, USA.
- **Sukru Mehmet Erturk**. *Les défis de l'imagerie hépatique et pancréatique [Challenges in hepatic and pancreatic imaging]*. Adiyaman, Turkey.
- **Caramella Davide**. *CT in oncology: the evaluation of response to treatment*. Pisa, Italy.

Conference Hall

10⁰⁰-12¹⁵ – Ultrasound Imaging session

Moderators: Mitkov Vladimir (Russia), Colan-Georges Aristida (Romania)

- **Caraiani Cosmin.** *Diagnostic de la cirrhose hépatique [Diagnosticul imagistic al cirozei hepatici].* Cluj-Napoca, Romania.
- **Mitkov Vladimir.** *Ультразвуковая эластография – современное состояние [Ultrasound elastography – trends and current state].* Moscow, Russia.
- **Mitkov Vladimir.** *Новые технологии ультразвуковой диагностики [New developments in ultrasound technology].* Moscow, Russia.
- **Mitkova Mina.** *Ультразвуковая эластография в диагностике патологии яичка [Ultrasound elastography in the diagnosis of testicular pathology].* Moscow, Russia.
- **Colan-Georges Aristida.** *Une nouvelle approche: l'intégration de 3D Doppler et de la Sono-élastographie strain dans l'Échographie du pelvis féminin [A New Approach: 3D Doppler and Strain Sonoelastography Integration in the Female Pelvis Ultrasonography].* Craiova, Romania.
- **Puiu Serghei.** *Ultrasound assessment of normal adnexa torsion.* Chișinău, Moldova.
- **Tâmbală Carolina.** *Portal hemodynamics disorders severity scoring by Doppler ultrasound in liver cirrhosis.* Chișinău, Moldova.
- **Ciubotaru Irina,** Sliusarenco Andriana, Fuior-Bulhac Liliana, Beșliu Elena. *Diagnosticul ecografic prenatal al malformațiilor congenitale.* Chișinău, Moldova.
- **Grib Vitalie.** *Rolul sistemului de raportare PI-RADS în stadializarea cancerului de prostată.* Chișinău, Moldova.
- **Moșin Veaceslav Jr,** Bejan Feodosie, Certan-Bejan Rodica. *Rolul investigațiilor imagistice în diagnosticul ageneziei corpului calos.* Chișinău, Moldova.
- **Stoian Dana,** Craciunescu Mihaela, Craina Marius, Varcus Florian, Pantea Stelian. *Faux positifs résultats de l'élastographie en temps réel dans le diagnostic des lésions nodales thyroïdiennes [Rezultate fals pozitive ale elastografiei în timp real, în diagnosticul leziunilor nodulare tiroidiene].* Timișoara, Romania.

13⁴⁰-15²⁰ – Junior Radiologists and Technologists session

Moderators: Dînga Veaceslav (Moldova), Bîrsăsteanu Florin (Romania)

- **Ursulean Ion.** *Gestion de la qualité en radioprotection et justification des études radiologiques diagnostiques: où en sommes-nous?* Chișinău, Moldova.
- **Sandu Viorel.** Sanduța Carolina, Cuciuc Sergiu. *Actualitatea diagnosticului primar al cancerului și a stărilor precanceroase ale colonului prin irigoscopie.* Chișinău, Moldova.
- **Untilov Adriana.** *The importance of computed tomography in the management of renal trauma.* Chișinău, Moldova.
- **Cojocaru Nadejda.** *Diagnosticul necrozei aseptice a capului femural prin radiografie și IRM.* Chișinău, Moldova.
- **Baroncea Radu.** *Rolul tomografiei computerizate în diagnosticul și managementul angiomiolipoamelor renale.* Chișinău, Moldova.
- **Ursachi Daniela.** *Rolul radiografiei toracice în evaluarea stării postoperatorii la pacienții supuși operațiilor cardiaice.* Chișinău, Moldova.
- **Cebanu Tatiana.** *Diagnosticul cancerului glandei mamare prin mamografie.* Chișinău, Moldova.

June 2, 2018

Senate Hall

08⁰⁰-10⁰⁰ – Oncology Imaging session (part II)

Moderators: Konstantin Kenigsberg (Belarus), Aristida Colan-Georges (Romania), Mario Taha (Ukraine)

- **Kenigsberg Konstantin.** *Whole-Body Diffusion-Weighted MRI: Current Place in Diagnostic Workflow.* Minsk, Belarus.
- **Taha Mario.** *Imagerie par résonance magnétique dans le cancer de la prostate [Magnetic resonance imaging in prostate cancer].* Odessa, Ukraine.
- **Caraiani Cosmin.** *Le rôle de l'imagerie dans le diagnostic différentiel des lésions focales hépatiques [Rolul imagisticii în diagnosticul diferențial al leziunilor focale hepatice].* Cluj-Napoca, Romania.

- **Mitkova Mina.** Ультразвуковая эластография в диагностике рака предстательной железы [Ultrasound elastography in the diagnosis of prostate cancer]. Moscow, Russia.
- **Cealan Andrei.** Pièges dans le diagnostic IRM dans le cancer du col de l'utérus. Chișinău, Moldova.
- **Ibrahimov Roman.** Image guided Radiotherapy (IGRT). Evolving role of radiology and nuclear medicine in patients undergoing radiotherapy treatent. Neolife, Turkey.

10⁰⁰-10¹⁰ – Coffee break

10¹⁰-11³⁰ – Osteoarticular Imaging session

Moderators: Florin Birsasteanu (Romania), Nicolai Nalivaico (Moldova), Bruno Kastler (France)

- **Birsasteanu Bogdan.** Imagerie de l'anatomie de l'articulation du genou [Anatomia imagistică a articulației genunchiului]. Timișoara, Romania.
- **Birsasteanu Florin.** IRM pour l'investigation de l'articulation du genou: algorithme d'interprétation [Algoritmul de interpretare a investigatiei RMN a articulației genunchiului]. Timisoara, Romania.
- **Tutelca Adrian,** Juratu Catalin, Crisenescu Dana, Birsasteanu Florin. Embolisation préopératoire des tumeurs osseuses [Embolizarea preoperatorie a tumorilor osoase]. Timisoara, Romania.
- **Moldovan Antonia,** Birsasteanu Florin, Miu Oana. Lostéoporoze transitoire de la hanche chez les patients post-partum [Osteoporoza tranzitorie a șoldului la paciente în perioada post-partum]. Timișoara, Romania.
- **Benta Marius,** Birsasteanu Florin, Miu Oana, Onet Dan. La contribution de l'imagerie par résonance magnétique à diffusion pondérée (DWI) à l'évaluation du degré et de l'évolution de la sacroiliite [Aportul secvenței DWI în diagnosticul și aprecierea gradului și evoluției sacro-ileitei]. Timisoara, Romania.
- **Kastler Bruno.** Nouveautés en Radiologie interventionnelle osseuse. Paris, France.

11³⁰-11⁵⁰ – Canon Medical Systems Europe session

- **Sobiszewski Henio.** Canon Medical Systems. Zoetermeer, The Netherlands.

11⁵⁵-12²⁵ – Thoracic Imaging session

Moderators: Igor Gavrilașenco (Moldova), Nadejda Pisarenco (Moldova)

- **Pisarenco Nadejda.** Tomosinteza digitală în diagnosticul și monitorizarea tuberculozei organelor respiratorii. Chișinău, Moldova.
- **Harea Marina.** Rolul tomosintezei digitale a toracelui în diagnosticul cancerului pulmonar. Chișinău, Moldova.
- **Criveanscaia Evghenia.** Diagnostic accuracy of computed tomography findings in premature infants with bronchopulmonary dysplasia. Chișinău, Moldova.

12³⁰-13⁰⁰ – Lunch

13⁰⁰-14¹⁰ – Urogenital & Breast Imaging session

Moderators: Silviu Condrea (Moldova), Mario Taha (Ukraine)

- **Taha Mario.** Le rôle de l'imagerie par résonance magnétique dans les endométriose pelvienne profonde [The role of MRI imaging in endometriosis]. Odessa, Ukraine.
- **Criveanschii Maxim.** Diagnostic value of magnetic resonance imaging optimized protocols in evaluation of BI-RADS category 0 lesions detected by conventional imaging. Chișinău, Moldova.
- Condrea Silviu, Ersov Serghei, Balabchina Anna, Șaptefrați Xenia. Dual-energy Computed Tomography gemstone spectral imaging: new horizons in visualization and differentiation of kidney stones composition. Chișinău, Moldova.
- **Cuțitari Irina,** Mișina Ana, Rotaru Natalia. Uterul unicorn: metode moderne de vizualizare. Chișinău, Moldova.
- Mișina Ana, **Harea Patricia,** Madan Diana, Fuior-Bulhac Liliana, Cuțitari Irina. Ovarian mucinous cysts in children and adolescents. Chișinău, Moldova
- **Colan-Georges Aristida.** L'utilité du concept d'échographie mammaire complète dans le diagnostic du cancer du sein sans masse développée. [The usefulness of the full breast ultrasonography concept in the diagnosis of the non-mass-like breast cancer]. Craiova, Romania.

14²⁰-14³⁵ – Closing Speech

14⁴⁵-15¹⁵ – General Meeting of the Society of Imaging Physicians of the Republic of Moldova

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WELCOME MESSAGE



Dear Colleagues, Partners and Friends!

It is a great pleasure and an honor to extend to you a warm invitation to attend the IVth Congress of Radiology and Medical Imaging of the Republic of Moldova with international participation.

The rapid pace of technological development during the last decades has led to fundamental changes affecting not only the practice of radiology and medical imaging, but also that of medicine itself. As in many other countries, the imaging physicians in the Republic of Moldova needed to review and redefine their roles. Our efforts have been boosted by continuous acquisition of advanced imaging equipment, implementation of new imaging modalities and a variety of new multiparametric techniques.

To meet these new demands, the training curriculum in Radiology and Medical Imaging underwent a rapid development at both undergraduate and graduate levels. The specialty residency program has undergone a tremendous transformation, being supplemented by a new Nuclear Medicine residency track, while the formal education of technologists has been transferred to the Nicolae Testemitsanu State University of

Medicine of Pharmacy.

We take great pride in hosting this congress and welcome our guests and leading experts from USA, France, Italy, Turkey, Romania, Ukraine, Belarus, Russia and Germany.

A Warm Welcome to All of You!

Natalia Rotaru, MD, PhD, Professor of Radiology
Chairman of the Organizing Committee
Chairman of the Department of Radiology and Imaging
Nicolae Testemitsanu State University of Medicine and Pharmacy
Chisinau, the Republic of Moldova

MESSAGE DE BIENVENUE

Chers collègues, partenaires et amis!

C'est un grand plaisir et un honneur de vous adresser une invitation chaleureuse à participer au IVeme Congrès de Radiologie et d'Imagerie Médicale de la République de Moldavie avec une participation internationale.

Le rythme rapide du développement technologique au cours des dernières décennies a entraîné des changements fondamentaux affectant non seulement la pratique de la radiologie et de l'imagerie médicale, mais aussi celle de la médecine elle-même. Comme dans beaucoup d'autres pays, les radiologues en République de Moldavie ont dû revoir et redéfinir leurs rôles. Nos efforts ont été renforcés par l'acquisition continue d'équipements d'imagerie avancés, la mise en œuvre de nouvelles modalités d'imagerie et une variété de nouvelles techniques multiparamétriques.

Pour répondre à ces nouvelles demandes, le programme de formation en radiologie et en imagerie médicale a connu un développement rapide tant au premier cycle qu'aux cycles supérieurs. Le programme de résidence de spécialité a subi une transformation énorme, complétée par une nouvelle voie de résidence en médecine nucléaire, tandis que la formation des technologues a été transférée à l'Université d'État de médecine et de pharmacie «Nicolae Testemitanu».

Nous sommes très fiers d'accueillir ce congrès et d'accueillir nos invités et les meilleurs experts des Etats-Unis, de France, d'Italie, de Turquie, de Roumanie, d'Ukraine, de Biélorussie, de Russie et d'Allemagne.

Un accueil chaleureux à vous tous!

Natalia Rotaru, MD, PhD, Professeur universitaire
Président du comité d'organisation
Chef du Département de Radiologie et Imagerie Medicale,
l'Université d'État de médecine et de pharmacie «Nicolae Testemitanu»
Chisinau, République de Moldavie

FOREWORD

Dear Colleagues!

In recent years, the role of medical imaging has been increasing at a rapid pace, significantly influencing the diagnosis, treatment and management of a wide range of disorders in both pediatric and adult patients. Newly emerged fusion imaging modalities such as PET/CT and PET/MRI as well as a variety of molecular imaging techniques are widely used for managing patients with cancer, neurologic diseases and cardiovascular disorders, providing valuable information about both anatomy and function.

The constantly advancing field of medical imaging makes it often challenging for radiologists and nuclear medicine physicians to stay current and up-to-date with all the advancements and technological developments in this specialty. At the same time, this is an exciting era to be a radiologist and let us exchange our experience, ideas and knowledge on the various aspects of medical imaging.

I sincerely expect an enjoyable interaction, scientific exchange and collaboration for all those involved in this exciting and evolving field and look forward to our journey together.

Abass Alavi, MD, MD (Hon), PhD (Hon), DSc (Hon)

Honorary Chairman of the Congress

Professor of Radiology and Neurology

Director of Research Education

Department of Radiology

University of Pennsylvania Hospital

Philadelphia, PA, USA

AVANT-PROPOS

Chers collègues!

Au cours des dernières années, le rôle de l'imagerie médicale s'est développé à un rythme rapide, influençant de manière significative le diagnostic, le traitement et la gestion d'un large éventail de troubles chez les patients pédiatriques et adultes. Les nouvelles techniques d'imagerie par fusion telles que TEP / TDM et TEP / IRM ainsi qu'une variété de techniques d'imagerie moléculaire sont largement utilisées pour traiter les patients atteints de cancer, de maladies neurologiques et cardiovasculaires, fournissant des informations précieuses sur l'anatomie et la fonction.

Le domaine en constante évolution comme l'imagerie médicale fait qu'il est souvent difficile pour les radiologues et les spécialistes en médecine nucléaire de rester à jour avec tous les progrès et les développements technologiques dans cette spécialité. En même temps, c'est une époque passionnante pour être radiologue et échanger nos expériences, idées et connaissances sur les différents aspects de l'imagerie médicale.

Je m'attends sincèrement à une interaction agréable, à un échange scientifique et à une collaboration pour tous ceux qui sont impliqués dans ce domaine passionnant et en évolution, et j'attends avec impatience notre voyage ensemble.

Abass Alavi, MD, MD (Hon), PhD (Hon), DSc (Hon)

Président d'honneur du Congrès

Professeur de radiologie et de neurologie

Directeur de l'éducation à la recherche

Département de radiologie,

Hôpital de l'Université de Pennsylvanie

Philadelphie, PA, États-Unis

INVITED SPEAKERS



Abass Alavi, MD, MD (Hon), PhD (Hon), DSc (Hon)

Professor of Radiology and Neurology

Director of Research Education

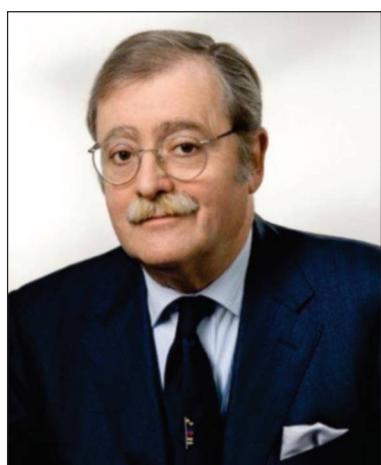
Department of Radiology, University of Pennsylvania Hospital

Philadelphia, PA 19104, USA

Dr. Abass Alavi is a distinguished professor in the Department of Radiology at the Hospital of the University of Pennsylvania (Philadelphia) and is well-known for his exceptional achievements in the field of positron emission tomography (PET) as well as the structural imaging with MRI and CT, including groundbreaking studies in cardiovascular diseases, neurologic disorders, and inflammation. Dr. Alavi is a researcher of the highest international reputation – one of a kind in his class who has mentored and trained a large number of physicians and scientists in the United States, Europe, South America, and Asia. With his unique background and education, he possesses the characteristics and qualities of a true polymath. He has been and remains to be the driving force behind the spread of knowledge about and the application of molecular imaging technology for the benefit of patients and society.

Dr. Alavi was born in 1938 in Tabriz, a city in the Azerbaijani region of Iran. After becoming a physician, he moved to the United States in 1966 to advance his education in a science-based specialty. Together with chemists at Brookhaven National Laboratory (Upton, NY), Dr. Alavi, David Kuhl (MD) and Martin Reivich (MD) introduced 18F-fluorodeoxyglucose (18F-FDG). Through this collaboration, in 1976, Dr. Alavi was the first to administer 18F-FDG to a human subject, producing tomographic images of the brain by means of a handmade Single-photon emission computed tomography (SPECT) device and planar whole-body images with a rectilinear scanner. His group pioneered the positron-emission tomography (PET) imaging of the normal brain and disorders (e.g., dementia, stroke, glioma, schizophrenia, and brain trauma). Professor Alavi has published over 1,000 articles in scholarly and high-impact journals. He is among the most cited physician/scientists in the United States, with current annual citations of 3,000 and citation indices of 50,000.

Previously, Dr. Alavi has been recognized with honorary degrees from the University of Bologna (Italy), the University of the Sciences (Philadelphia, PA), the Medical University of Gdansk (Poland), the University of Southern Denmark (Odense) and the Universities of Shiraz and Tabriz (Iran). He is a past recipient of the De Hevesy and Cassen awards from the Society of Nuclear Medicine and Molecular Imaging (SNMMI) and serves on the editorial board of many international journals.



Lorenzo E. Derchi, MD

President, European Society of Radiology, Vienna, Austria

Chairman and Professor of Radiology

University of Genoa, Genoa, Italy

Prof. Derchi graduated from the University of Genoa in Genoa, Italy, where he also completed his specialty training in Radiology. In his outstanding career, Prof. Derchi has made tremendous contributions in developing and improving the Radiology service at both regional and international levels, working as the Director of Operations Unit for Emergency Radiology, Director of the Radiological Technologies Department, Member of the Board of Directors and President of the Italian Ultrasound Society in Medicine and Surgery, Member of the Board and President of the European Society of Urogenital Radiology, Chairman of the Working Group on US of the European Society of Radiology (ESR), Member of the Executive Board of ESR, Chairman of the Communication and External Affairs Committee of ESR, etc. Prof. Derchi is the author of over 200 publications and an impressive number of book chapters, including the Genitourinary Ultrasound issue of Ultrasound Clinics. He is also acting as an Editorial Board member and reviewer of a variety of fundamental specialty journals such as European Radiology, Medical Radiology, European Journal of Radiology, British Journal of Radiology, Acta Radiologica, Journal of Clinical Ultrasound, European Journal of Radiology and many others.

Currently Prof. Derchi is the President of the European Society of Radiology (ESR), comprising over 75,000 members worldwide, and the President of the European Congress of Radiology (ECR).

Prof. Dr. Cem Callı
Ege University Medical Faculty
Department of Radiology
Chief of Neuroradiology Section
Izmir, Turkey



Dr. Cem Çallı started his work in neuroradiology in 1995 and currently he holds the position as the Chief of Neuroradiology Section in Ege University Medical Faculty, Izmir, Turkey, since 2009. He gave more than 150 invited lectures in national and international meetings. He is currently executive committee member of Turkish Society of Magnetic Resonance Imaging, Secretary General of Turkish Society of Neuroradiology, Secretary General of European Society of Emergency Radiology, and Treasurer of European Society of Neuroradiology.

Presentation at the congress

- Non-traumatic brain injuries

Davide Caramella, MD
Professor of Radiology and Chairman
Radiology Residency Program of the University of Pisa
Chairman, Radiodiagnostica 1 Universitaria
Cisanello Hospital of the University of Pisa
Pisa, Italy



Prof. Caramella studied medicine at the University of Florence in Italy, graduating *Cum Laude* both the Medical School and the Radiology Residency Program. After completing the specialty training, he continued his career at the University of Pisa in Italy as a staff radiologist (1992), Assistant Professor of Radiology (1998), Associate Professor of Radiology (2000), Vice Chairman of the Radiology Residency Program (2006 – 2015), President of the three-year University program for Radiographers (2007 – 2010), Vice Chairman of the Department of Oncology, Transplants and New Technologies in Medicine (2007 – 2012), Chairman of the Radiotherapy Residency Program (2013 – 2015) and full Professor of Radiology (2016).

Apart from his clinical and academic activities, Prof. Caramella conducted a variety of research projects concerning information technology applications in radiology. This gave him the opportunity to explore various issues about teleradiology, PACS systems, advanced image processing and internet applications for radiology. Throughout a period of over 20 years of activity in this field, he carried a broad range of responsibilities at both national and international level, serving as the President of EuroPACS (presently EuSoMII, European Society of Medical Imaging Informatics), President of the Working Group for Computer Science in Radiology of the Italian Society of Medical Radiology, President of the Information Technology Committee of the European Association of Radiology, President of the congress Computer Assisted Radiology and Surgery, member of the ICT subcommittee of European Society of Radiology, Chairman of the Health subcommittee of the European Society of Radiology, Scientific Director of Eurorad (www.eurorad.org), etc.

Prof. Caramella is the co-editor of 9 books on computer applications in radiology, advanced image processing, internet for radiologists, and radiation dose in diagnostic imaging. He published over 200 scientific papers on Magnetic Resonance Imaging, Oncologic Imaging, Pediatric Radiology, IT in Radiology and PAC Systems (h-index 30).

Currently Prof. Caramella is the Chairman of Radiodiagnostica 1 Universitaria of the Cisanello Hospital, Chairman of the Radiology Residency Program and the President of the three-year University program for Radiographers at the University of Pisa as well as the President of the Regional Tuscan Chapter of the Italian Society of Medical Radiology. He is also holding editorial and reviewer positions in various journals, being the Deputy Editor of the *International Journal of Computer Assisted Radiology and Surgery* and the Section Editor of the Computer Applications Section of the *European Radiology* journal.

Presentation at the congress

- CT in oncology: the evaluation of response to treatment



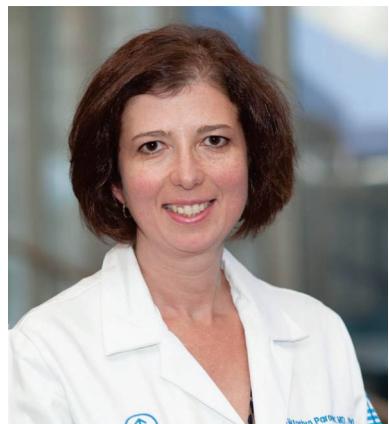
Lorenzo Mannelli, MD, PhD
Department of Radiology
Memorial Sloan-Kettering Cancer Center
New York, NY, USA

Dr. Lorenzo Mannelli is a diagnostic radiologist and nuclear medicine physician with specialty training in abdominal imaging (University of Washington, Seattle, USA and Cambridge University-Addenbrooke's Hospital, Cambridge, UK), cardiac imaging (New York University Medical Center, New York, NY, USA), nuclear medicine (University of Washington, Seattle, USA) and emergency radiology (University of Washington, Seattle, USA). He obtained his PhD degree in liver physiopathology at the University of Florence, Italy and is the author of 4 book chapters and over 70 peer reviewed journal articles.

This diverse training allows him to provide his patients with a comprehensive analysis of their health and disease, Dr. Manelli is a holder of USA, Italian and UK Medical Licences.

Presentations at the congress

- Liver imaging in oncologic patients lecture
- Pancreatic cancer lecture



Viktoriya Paroder, MD, PhD
Department of Radiology
Memorial Sloan-Kettering Cancer Center
New York, NY, USA

Dr. Paroder is a board-certified radiologist at the Memorial Sloan-Kettering Cancer Center in New York, NY, USA, where she is a member of the colorectal and esophageal disease management teams. After graduating as a valedictorian with Bachelor of Science degree with honors in Biochemistry at the State University of New York (SUNY) at Stony Brook, NY, USA, Doctor of Medicine (MD) and Doctor of Philosophy (PhD) in Molecular Pharmacology at the Albert Einstein College of Medicine in NY, USA, Dr. Paroder pursued her residency specialty training in Diagnostic Radiology followed by a fellowship in Abdominal imaging at the Montefiore Medical Center, University Hospital of the Albert Einstein College of Medicine, NY, USA.

Apart from her clinical work, Dr. Paroder is actively involved in teaching activities, teaching residents and fellows at the Memorial Sloan Kettering Cancer center in New York, teaching residents and medical students at the Montefiore Medical Center and Albert Einstein College of Medicine in the Bronx, NY, and radiology residents at St. Vincent's Medical Center in Bridgeport, CT.

Dr. Paroder is the author of over 20 publications and several book chapters and serves as a reviewer for a number of specialty journals such as European Radiology Journal, Clinical Imaging Journal, Abdominal Radiology Journal, Emergency Radiology Journal, Journal of Ultrasound in Medicine. Her achievements have been acknowledged with a variety of awards, including the *Magna cum laude Award*, American Roentgen Ray Society (ARRS) Scientific Program, New Orleans, LA (2017), *Certificate of Merit* for Education exhibit at the 103rd Scientific Assembly and Annual Meeting of the Radiological Society of North America (RSNA), Chicago, Illinois (2017), *Certificate of Merit* for Educational Exhibit at the Annual Society of Abdominal Radiology (SAR) meeting, Waikoloa, Hawaii (2016) and several others.

Presentations at the congress

- Imaging rectal cancer in 2018: how good are we?
- Imaging esophageal cancer in 2018: achievements and challenges

Vladimir V. Mitkov, MD, PhD
Chairman and Professor of Radiology
Diagnostic Ultrasound Department
Russian Medical Academy of Postgraduate Education
Moscow, Russia



Professor Mitkov obtained his Medical Doctor (MD) degree at the 2nd Moscow Medical Institute, his specialty training in Radiology and his PhD degree at the Central Institute for Physicians Post-graduate Training in Moscow, where he continued his activity as an Assistant Professor and an Associate Professor of Radiology. Pursuing his clinical and research goals, Dr. Mitkov defended his habilitated doctoral thesis, being appointed a Professor of Radiology and the Chairman of the Ultrasound Diagnostics Department of the Russian Medical Academy of Postgraduate Education.

Prof. Mitkov is the co-founder and the President of the Russian Association of Specialists in Ultrasound Diagnostics in Medicine and the founder of the first Department of Ultrasound Diagnostics (1992) in Russia. He also holds a variety of other key appointments, being the Vice-Chief Radiologist (Ultrasound) of the Ministry of Health of Russian Federation and a member of the Education & Professional Standards Committee of the European Federation of Societies of Ultrasound in Medicine and Biology.

Professor Mitkov is the editor and author of 22 books and has published over 370 scientific articles, book chapters and congress abstracts. He is an editorial board member of the *Russian Electronic Journal of Radiology* and the Editor-in-Chief of the *Journal of Ultrasound and Functional Diagnostics*. Under his supervision have been defended 33 doctoral and 9 habilitated doctoral dissertations. In the Department of Diagnostic Ultrasound of the Russian Medical Academy of Continuous Postgraduate Education, he annually trains over 1200 doctors from Russia, Belarus, Kazakhstan, Uzbekistan, Armenia, Moldova and other countries.

Presentations at the congress

- Ultrasound elastography – trends and current state
- New developments in ultrasound technology

Mina D. Mitkova, MD, PhD
Associate Professor of Radiology
Russian Medical Academy of Postgraduate Education
Moscow, Russia



Dr. Mitkova graduated from the North Ossetian State Medical Institute in Ordzhonikidze, Russia. Subsequently she pursued her specialty training in Radiology at the Central Institute for Physicians' Post-graduate Training in Moscow, Russia and her doctorate at the Russian Medical Academy of Postgraduate Education in Moscow, Russia. After defending her PhD thesis, Dr. Mitkova worked as an Assistant Professor of Radiology at the Russian Medical Academy of Postgraduate Education, then as an Associate Professor of Radiology within the same institution.

Her scientific work is reflected in one book, 11 book chapters and over 100 articles published in peer-reviewed specialty journals. Dr. Mitkova is also an invited speaker at numerous scientific meetings across the world, being a member of many national and international professional societies, including the Russian Association of Specialists in Ultrasound Diagnostics in Medicine, the European Federation of Societies of Ultrasound in Medicine and Biology, the European Association of Urology and an Executive committee member of the Russian Association of Specialists in Ultrasound Diagnostics in Medicine. Given her extensive expertise in Ultrasound Imaging, Dr. Mitkova was appointed the Deputy Editor-in-Chief of the *Journal of Ultrasound and Functional Diagnostics*.

Presentations at the congress

- Ultrasound elastography in the diagnosis of prostate cancer
- Ultrasound elastography in the diagnosis of testicular pathology



Stanislav Groppa, MD, PhD
Chairman and Professor of Neurology
Academician of the Academy of Sciences of Moldova
Director, Neurology & Neurosurgery
Institute of Emergency Medicine
Head, Neurobiology and Medical Genetics Laboratory
Chisinau, the Republic of Moldova

Professor Groppa graduated from the Nicolae Testemitsanu State University of Medicine and Pharmacy in 1979. Apart from his training in Moldova, Prof. Groppa acquired a vast international experience at the leading medical institutions in Russia, USA, Germany, China, Australia, Italy and other countries. At the age of 29 years he obtained his PhD degree in Neurology, at the age of 35 years – Habilitated Doctor of Medicine degree and at the age of 39 years – the title of University Professor.

Due to his vast international experience, Prof. Groppa established a variety of fruitful collaborations with an impressive number of researches and scientific institutions around the world. Under his supervision have been defended 18 doctoral and habilitated doctoral dissertations. His research interests cover a wide range of topics with a special emphasis on stroke prevention and its early management, pain management and epilepsy.

Since 2007, Prof. Groppa is a member of the Academy of Sciences of Moldova, being also elected the academician-coordinator of the Medical Department of the Academy of Sciences. During 2015-2016, Prof. Groppa functioned as the Vice-President of the Academy of Sciences of Moldova. He is also an Honorary Member of the Academy of Medical Sciences of Romania, an Editorial Board member of a large number of scientific journals and a member of many international organizations such as International League Against Epilepsy (ILAE), World Stroke Organization (WSO), Romanian National Stroke Association (RNSA), American Neurology and Stroke Association, European Academy of Epileptology, European Academy of Neurology.

Currently Prof. Groppa is the Head of the Neurobiology and Medical Genetics Laboratory and the Chairman of the Neurology Department at the State University of Medicine of Pharmacy as well as the Director of the Neurology & Neurosurgery Department at the Institute of Emergency Medicine. He is also the President of the Moldovan League against Epilepsy, President of the Moldovan Stroke Association and Vice-President of the Moldovan Neurology Society.

Presentation at the congress

- Neuroimaging session overview



Olav Jansen, MD, PhD
Professor and Chairman of Radiology and Neuroradiology
Director, Clinic for Radiology and Neuroradiology
University of Kiel, Kiel, Germany

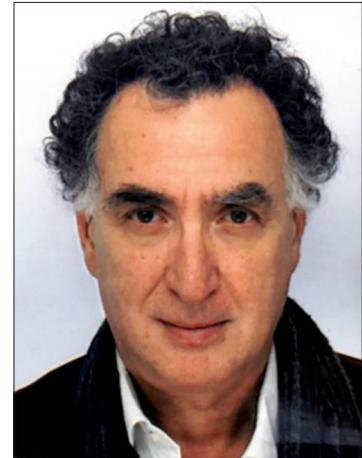
Professor Jansen studied medicine in Goettingen and Luebeck, Germany, where he also completed his specialty training in Radiology and Neuroradiology. Subsequently he activated as a staff member and leading attending lecturer at the department of Neuroradiology in Heidelberg, where he completed his doctoral dissertation on MRI investigation in brain edema, then as a Professor and Chairman of Neuroradiology at the University of Kiel.

Professor Jansen's main research interests are related to diagnosis and therapy of cerebrovascular diseases, endovascular therapy of stroke, functional MRI and Interventional Neuroradiology. His work is reflected in over 140 publications in peer-reviewed journals and fundamental specialty textbooks such as "*MR Neuroimaging: Brain, Spine, and Peripheral Nerves*", "*MRI: Basics and Clinical Applications*", "*Interventional Stroke Therapy*". Prof. Jansen brought a significant contribution towards the development of Neuroradiology at both national and European levels, acting also as a Board member of the German Radiological Society (DRG), President of the German Society of Neuroradiology, Executive Committee member and Head of the Interventional Radiology subcommittee of the European Society of Neuroradiology (ESNR).

Presentation at the congress

- Technical developments and clinical results for neurothrombectomy in acute ischemic stroke

Frank Boudghene, MD, PhD
Professeur à Sorbonne-Universités
Département de Radiologie, CHU Tenon – HUEP
Université Paris-Sorbonne, Paris, France



Le professeur Frank Boudghene est Référent en radiologie viscérale abdomino-pelvienne et vasculaire interventionnelle à l'hôpital Tenon depuis 1986 (2 premières médicales à l'APHP en 1991 et 1998). Durant cette période, il a formé de nombreux spécialistes hautement qualifiés, créant et dirigeant également un consortium de laboratoires autour du programme Mateo en réponse à un appel national en technologies de la santé. Le professeur Frank Boudghene a mené un nombre impressionnant de projets de recherche appliquée dans les dispositifs médicaux ainsi que des études cliniques sur l'imagerie par résonance magnétique, la tomodensitométrie, l'imagerie oncologique etc. Il est titulaire de 2 brevets internationaux et co-directeur UE M1 d'imagerie biomédicale de l'UPMC depuis 1999 (180 mémoires).

Le professeur Frank Boudghene est l'auteur de plus de 100 publications indexées dans la base de données SIGAPS (Système d'Interrogation, de Gestion et d'Analyse des Publications Scientifiques) et de 3 ouvrages de spécialité, dont les éditions Springer dédiées à l'IRM pelvienne et à l'échographie. Il est Coordonnateur de la Fédération d'Imagerie du Cancer FIC-SFR depuis 2011 et coordinateur scientifique de nombreux congrès nationaux et internationaux. Au cours de sa carrière, le professeur Frank Boudghene a assumé diverses responsabilités administratives et de gestion, y compris Rédacteur adjoint du *Journal de Radiologie et Imagerie Médicale*, Secrétaire général de la Société d'Imagerie Abdominale et Digestive (SIAD), Membre du bureau du Collège des Enseignants de Radiologie (CERF), Président du Groupe des Radiologues Enseignants de langue Française (GREF), Expert APHP pour les appels d'offres Scanners, Coordonnateur pour la Radiologie Interventionnelle du SROS Ile de France, Trésorier du Syndicat des Radiologues Hospitaliers (SRH), Président du Conseil de Surveillance du PERP aPERF, etc.

Le Professeur Frank Boudghene est actuellement Membre du bureau de la Société Française de Radiologie, Membre du Conseil professionnel de la Radiologie (G4) et Président du Syndicat des Radiologues Hospitaliers (SRH).

Présentations au congrès

- Thérapeutiques loco régionales des Carcinomes Hepato cellulaires
- Imagerie nouvelle du cancer du colon: à l'eau et à l'air

Frank Boudghene, MD, PhD
Chairman and Professor of Radiology
Department of Radiology, CHU Tenon – HUEP
Paris-Sorbonne University, Paris, France

Prof. Frank Boudghene is a Referent in abdominal and interventional radiology at Tenon Hospital since 1986. During this period he trained many highly qualified specialists, creating and directing also a consortium of laboratories in the Mateo program in response to a national call in Health Technologies. Prof. Frank Boudghene conducted an impressive number of applied research projects in medical devices as well as clinical studies on magnetic resonance imaging, computed tomography, oncology imaging etc. He is the holder of 2 international patents and the Co-Director of M1 Biomedical Imaging at the Paris-Sorbonne University.

Prof. Frank Boudghene is the author of over 100 publications indexed in SIGAPS (*Système d'Interrogation, de Gestion et d'Analyse des Publications Scientifiques*) database and 3 specialty textbooks, including Springer editions on dedicated pelvic MRI and ultrasound imaging. He is the Coordinator of the FIC-SFR Cancer Imaging Federation since 2011, and the Scientific Coordinator of many national and international congresses. During his career, Prof. Frank Boudghene fulfilled a variety of administrative and managerial responsibilities, including the Associate Editor of the *Journal of Radiology and Imaging*, General Secretary of the Digestive and Digestive Imaging Society, Member of the Office of the College of Radiology Teachers, President of the French Language Radiologists' Teachers, Treasurer of the Union of Hospital Radiologists, Chairman of the PERP Supervisory Board, etc.

Currently Prof. Boudghene is also a Member of the Office of the French Society of Radiology (SFR), a Member of the Professional Council of Radiology (G4) and the President of the Union of Hospital Radiologists (SRH).

Presentations at the congress

- Loco-regional therapies for hepatocellular carcinoma (HCC)
- New imaging of colon cancer: with water and air



Bruno Kastler, MD, PhD, Dhc
Professeur de Radiologie, Université de Paris Descartes
Chef du traitement de la douleur interventionnelle
Département de radiologie Hôpital universitaire Necker et
Hôpital Européen Georges Pompidou
Paris, France

Prof. Kastler a étudié la médecine et la science en parallèle à l'Université d'Aix Marseille en France (1974-1981), obtenant un baccalauréat en mathématique et en physique (1975-76), MS en physique en 1978 et MD en 1981. Après avoir obtenu son diplôme, il a passé trois ans à l'hôpital universitaire de Minneapolis, au Minnesota, en tant que résident en cardiologie et en médecine interne et boursier postdoctoral. Il poursuit sa formation en Sciences et Résidences à Strasbourg à l'Université Louis Pasteur et à l'Hôpital Universitaire Hospices Civils en obtenant sa certification en cardiologie en 1987, en radiologie en 1988, en HDR en 1991 et en doctorat en 1994.

Il a réussi l'examen du personnel hospitalier de la Radiologie Nationale et de l'Imagerie Médicale (1991) en se classant premier au concours, après quoi il a été radiologue à l'Université Louis Pasteur (1992-94). Il a été nommé professeur agrégé de radiologie à l'Université de Sherbrooke (1992), professeur titulaire de radiologie à l'Université de Franche-Comté de Besançon, chef de radiologie à l'Université de Franche-Comté de Besançon (1994-2016), et président du programme de résidence en radiologie (2006-2016). Le Prof. Kastler a fondé et servi comme Président d'un Laboratoire de recherche à l'Université de Franche-Comté – le Laboratoire d'Intervention Sanitaire, Innovation, Imagerie, Ingénierie (I4S) EA 4268, IFR133 INSERM (1997-2016). Il a également inauguré et a été directeur d'un programme de master M2R3i: "Instrumentation, informatique et image" (1994-2016 – Université de Franche-Comté et Université de Bourgogne).

Prof. Kastler a énormément contribué au développement du service de Radiologie aux niveaux régional et international, en tant que Secrétaire Général (2005) et Président (2006-2014) du GREF (Groupe des Enseignants Académiques des Radiologues de langue française), Président de la Société Française de Radiologie Franche-Comté (2002-2016). Il est membre honoraire de la Société Allemande de Radiologie (2016), Société Bulgare de Radiologie (1998), Société Hongroise de Neuroradiologie (1997), Docteur Honoris Causa de l'Université de Sofia (2007), finaliste lauréat du National Medical Award Paris 2006: (Lauréat Victoires de la médecine 2006): "Innovations technologiques": la cimentoplastie combinée à la radiofréquence dans le traitement des métastases osseuses. Pour ses réalisations, Prof Kastler a été deux fois lauréat du Prix d'excellence universitaire en recherche (PEDR Prime d'Excellence et de Recherche – 2009-13 & 2014-19).

Le professeur Kastler est l'auteur de plus de 120 publications scientifiques référencées dans PubMed Central et de plus de 100 communications présentées lors des réunions de la Radiological Society of North America (RSNA). Ses travaux couvrent le domaine de la RM cardiovasculaire, du traitement de la douleur interventionnelle et de la physique IRM. Il est le premier auteur de Understanding MRI (8 éditions françaises en 1994-2018, traduites en 5 langues, dont la version chinoise, 2013), l'IRM des anomalies cardiovasculaires (French 2001, English Springer, 2010) et la radiologie interventionnelle dans le traitement des Pain (2 éditions françaises de 2004 à 2006, version anglaise Springer 2008). Il a également écrit un nombre impressionnant d'autres livres et chapitres de livres en anglais, allemand et français (49 livres sur l'IRM, la cardiologie et la radiologie interventionnelle).

Actuellement, Bruno Kastler est Professeur de Radiologie à l'Université Paris Descartes et Chef du Département de Radiologie Interventionnelle de Traitement de la Douleur à l'Hôpital Universitaire Necker et à l'Hôpital Européen Georges Pompidou, où il a inauguré une "école" de traitement de la douleur maligne et bénigne.

Présentations au congrès

- "Tumeurs osseuses – Comment traiter de manière interventionnelle"? Tumeurs malignes (infiltration, ablation thermique, cimentoplastie)
- Traitement de la douleur interventionnelle autre que la colonne vertébrale (maux de tête, douleurs abdominales et pelviennes)
- Comprendre l'IRM: le savoir-faire de base

Bruno Kastler, MD, PhD, Dhc
Professor of Radiology, Paris Descartes University
Head of Interventional Pain Treatment
Radiology Department, Necker University Hospital & HEGP
(European Hospital Georges Pompidou)
Paris, France

Prof. Kastler studied medicine and science in parallel at the University of Aix Marseille in France (1974-1981), obtaining a Bachelor degree in mathematics and physics (1975-76), MS in Physics in 1978 and MD in 1981. After obtaining his ECFMG certification, he spent three years at the University Hospital in Minneapolis, Minnesota as a Cardiology and Internal Medicine Resident and Post-doctoral Fellow. He continued his Science and Residency training in Strasbourg at the University Louis Pasteur and Hospices Civils University Hospital obtaining his board certification in Cardiology in 1987, certification in Radiology in 1988, HDR in 1991 and PhD in 1994.

He passed the French National Radiology and Medical Imaging hospital staff exam (1991) being ranked first in the contest, after which worked as staff radiologist at the University Louis Pasteur (1992-94). He was appointed as an Associate Professor of Radiology at the Sherbrooke University (1992), as a full Professor of Radiology at the University de Franche-Comté University in Besançon, Head of Radiology at the University de Franche-Comté University Hospital Besançon (1994-2016), and the Chairman of the Radiology Residency Program (2006-2016). Prof. Kastler has founded and served as a Chairman of a research laboratory at the University de Franche-Comté the Health Intervention, Innovation, Imaging, Engineering (I4S) laboratory EA 4268, IFR133 INSERM (1997-2016). He also started and was Director of a Master program M2R3i: "Instrumentation, computer science and image" (1994-2016 – University of Franche-Comte & University of Bourgogne).

Prof. Kastler made a tremendous contribution towards the development of Radiology service at both regional and international levels, serving as the General Secretary (2005) and President (2006-2014) of the GREF (Group of Academic Teachers of the French speaking Radiologists and as the President of the French Society of Radiology Franche-Comté (2002-2016). He is an Honorary Member of the German Society of Radiology (2016), Bulgarian Society of Radiology (1998), Hungarian Society of Neuroradiology (1997), Doctor Honoris Causa of Sofia University (2007), Final winner of the National French Medical Award Paris 2006: (Lauréat Victoires de la médecine 2006): "technological innovations": cementoplasty combined with radiofrequency in the treatment of bone metastases ". For his achievements, Prof. Kastler was twice the recipient of the University Award of Excellence in Research (PEDR Prime d'Excellence et de Recherche – 2009-13 & 2014-19).

Prof. Kastler authored over 120 scientific publications referenced in PubMed central and over 100 communications presented at the Radiological Society of North America (RSNA) meetings. His work covers the field of cardio-vascular MR, Interventional Pain treatment and MRI physics. He is the first author of Understanding MRI (8 French editions in 1994-2018, translated into 5 languages, including the Chinese version, 2013), MRI of cardiovascular anomalies (French 2001, English Springer, 2010) and Interventional Radiology in the Treatment of Pain (2 French editions in 2004 to 2006, English version Springer 2008). He also authored an impressive number of other books and book chapters in English, German and French (49 books on MRI, Cardiology and Interventional Radiology).

Currently Prof. Kastler is a Professor of Radiology at Paris Descartes University and Head of Interventional Pain Treatment Radiology Department at the Necker University Hospital and European Hospital Georges Pompidou, where he started a "school" in *Interventionnal malignant and benign pain treatment*.

Presentations at the congress

- "Bone Tumours – How to treat interventionally"? Malignant tumors (infiltration, heat ablation, cementoplasty)
- Interventional pain treatment other than spine (headache, abdomen and pelvic pain)
- Understanding MRI: the basic know-how



Virginia Gaxotte, MD
Université de Paris Descartes, CHU Necker et HEGP
Département de Radiologie, Hôpital Centre Sud Francilien
Département de Radiologie, Hôpital Foch
Paris, France

Dr Virginia Gaxotte a étudié la médecine à l'Université de Nice en France et a complété sa résidence en radiologie à l'Université de Lille ainsi qu'une formation spécialisée en imagerie cardiovasculaire à l'Hôpital Universitaire de Lille.

Les intérêts de recherche du Dr Gaxotte couvrent un large éventail de sujets, en particulier l'imagerie cardiovasculaire et oncologique. Grâce à ses intérêts dans l'imagerie cardiovasculaire, elle a poursuivi une bourse de recherche à l'Arizona Heart Hospital à Phoenix, Arizona, États-Unis.

La recherche du Dr Gaxotte se reflète dans plus de 45 présentations lors de conférences scientifiques nationales et internationales et plus de 35 articles publiés dans des revues médicales spécialisées. Pour ses résultats exceptionnels, le Dr Gaxotte a reçu plusieurs prix, notamment le premier prix du concours de vidéos sur les procédures endovasculaires.

Actuellement, le Dr Gaxotte poursuit son activité professionnelle dans les secteurs de la santé publique et privée au Centre Hospitalier Sud Francilien et à l'Hôpital Foch à Paris, France. Elle est membre de la Société Française de Radiologie et de la Société d'Imagerie Cardiovasculaire, ayant des intérêts particuliers dans l'imagerie pathologique cardiovasculaire et oncologique, la tomodensitométrie et l'imagerie par résonance magnétique.

Présentation au congrès

- Comment réussir un scanner cardiaque et coronarien (SCC)?

Virginia Gaxotte, MD
University of Paris Descartes, Necker University Hospital & HEGP
(European Hospital Georges Pompidou)
Department of Radiology, Hospital Center Sud Francilien
Department of Radiology, Foch Hospital
Paris, France

Dr. Virginia Gaxotte studied Medicine at the University of Nice in France and completed her residency training in Radiology at the University of Lille as well as a specialty fellowship training in cardiovascular imaging at the University Hospital of Lille.

Dr. Gaxotte's research interests cover a wide range of topics with a special emphasis on cardiovascular and oncological imaging. Following her interests in cardiovascular imaging, she pursued a research fellowship at the Arizona Heart Hospital in Phoenix, Arizona, USA.

Dr. Gaxotte's research is reflected in over 45 presentations at national and international scientific conferences and over 35 articles published in peer-reviewed medical journals. For her outstanding results, Dr. Gaxotte received a number of awards, including the first prize of the *Endovascular procedures video contest*.

Currently Dr. Gaxotte pursues her professional activity in both public and private health sectors at the Sud Francilien Hospital Center and at the Foch Hospital in Paris, France. She is a Member of the French Radiology Society and Cardiovascular Imaging Society, having special interests in cardiovascular and oncological pathology imaging, computed tomography and magnetic resonance imaging.

Presentation at the congress

- How to perform a cardiac computed tomography (CT) and a coronary CT angiography?

Sukru Mehmet Erturk, MD
Président et Professeur de Radiologie
Département de radiologie
École de Médecine de l'Université Adiyaman
Adiyaman, Turquie



Dr. Erturk est le président de la société turque de l'imagerie par résonance magnétique. Il a étudié la médecine à l'école de médecine Cerrahpasa, à l'université d'Istanbul, et a ensuite terminé un programme de certificat d'un an en gestion hospitalière à l'Institute of Business Administration de la même université. Mehmet a commencé sa formation spécialisée en radiologie à l'hôpital de formation et de recherche Sisli Hamidiye Etfal en 1998. En 2001, il a été observateur au département de radiologie du Klinikum Grosshadern de l'Université Ludwig Maximilian de Munich.

Après avoir achevé sa formation et son travail de radiologue à l'hôpital de formation et de recherche Sisli Hamidiye Etfal, Mehmet a déménagé à Boston et a terminé ses études de gestion en radiologie et en radiologie abdominale entre 2004 et 2006 au Brigham and Women's Hospital et à Harvard. Faculté de médecine, où il était également un conférencier en radiologie. En 2007, il a été élu président du chapitre d'Istanbul de la Société turque de radiologie et en 2009 il est devenu le secrétaire général de la même société, dont il est toujours membre du conseil d'administration.

Les domaines de recherche de Mehmet comprennent des sujets tels que l'imagerie abdominale, la gestion de l'utilisation en radiologie et services de santé, la gestion de la qualité en radiologie et services de santé, l'éducation médicale, l'économie de la santé et l'informatique de la santé. Il est l'auteur de plus de 15 chapitres de livres et de plus de 100 articles publiés dans des revues scientifiques. Étant donné son intérêt particulier pour l'imagerie hépatique et pancréatique, il est également l'auteur d'un atlas d'enseignement de l'imagerie hépatobiliare et pancréatique. En plus d'être un écrivain prolifique, M. Erturk occupe des postes de rédacteur et de réviseur dans diverses revues. Actuellement, il est professeur de radiologie et président du département de radiologie à l'université Adiyaman, en Turquie.

Présentation au congrès

- Les défis de l'imagerie hépatique et pancréatique

Sukru Mehmet Erturk, MD
Chairman and Professor of Radiology
Department of Radiology
Adiyaman University School of Medicine
Adiyaman, Turkey

Dr. Erturk is the president of the Turkish Society of Magnetic Resonance Imaging. He studied medicine at Cerrahpasa School of Medicine, Istanbul University, and then completed a one-year certificate program in hospital management at the Institute of Business Administration of the same university. Mehmet started his specialty training in radiology at the Sisli Hamidiye Etfal Training and Research Hospital in 1998. In 2001, he was an observer at the Radiology Department of the Klinikum Grosshadern of Ludwig Maximilian University of Munich.

Upon completing his training and his work as an attending radiologist at Sisli Hamidiye Etfal Training and Research Hospital, Mehmet moved to Boston and completed his fellowships in management in radiology and in abdominal radiology research between 2004 and 2006 at the Brigham and Women's Hospital and the Harvard Medical School, where he was also a lecturer in radiology. In 2007, he was elected the president of the Istanbul Chapter of the Turkish Society of Radiology and in 2009 he became the Secretary General of the same society, of which he is still an executive board member.

Mehmet's areas of research interests include topics such as abdominal imaging, utilization management in radiology and health services, quality management in radiology and health services, medical education, health economics, and health informatics. He authored over 15 book chapters and over 100 articles published in scientific journals. Given his special interest in hepatic and pancreatic imaging, he also authored a teaching atlas of hepatobiliary and pancreatic imaging. Apart from being a prolific writer, Dr. Erturk holds editorial and reviewer positions in various journals. Currently, he is Professor of Radiology and Chairman of Radiology Department at Adiyaman University, Turkey.

Presentation at the congress

- Challenges in hepatic and pancreatic imaging



Aureliu Batrinac, MD, PhD
Professeur Associé de Chirurgie Cardiovasculaire
Directeur Médical, Hôpital International Medpark
Chisinau, République de Moldavie

Dr. Batrinac est diplômé de l'Université d'État de Médecine et Pharmacie "Nicolae Testemitsanu" en 1989, où il a également complété sa formation spécialisée en chirurgie cardiovasculaire. En plus de sa formation en Moldavie, le Dr Batrinac a acquis une expérience internationale enrichissante dans les principaux centres de chirurgie cardiovasculaire de Moscou en Russie (bourse de spécialisation de trois ans (1991-1994) au Centre de Recherche Chirurgicale de l'Académie des Sciences Médicales de Moscou, où il a ensuite accepté un poste de chirurgien cardio-vasculaire), Hanovre, Allemagne (1997-1998, 1999), Zagreb, Croatie (2000), Braunschweig, Allemagne (2002), Novara, Italie (2010), Genève, Suisse (2011), Barcelone, Espagne (2014).

Outre son travail clinique (plus de 2 000 interventions chirurgicales sur le cœur et les gros vaisseaux), le Dr Batrinac poursuit activement divers projets de recherche. Sa thèse de doctorat est liée à la greffe de pontage de l'artère coronaire utilisant l'artère mammaire interne et son travail de recherche est reflété dans plus de 120 publications.

Le Dr. Batrinac a apporté une contribution significative au développement de la chirurgie cardiovasculaire en Moldavie, occupant également diverses fonctions administratives et de gestion telles que Vice-Directeur du Centre de Chirurgie Cardiaque, Vice-Directeur de l'Institut de Cardiologie, Président du Département de Chirurgie Cardiovasculaire à l'Hôpital Républicain Clinique, Président du Département de Chirurgie Cardiovasculaire et Directeur Médical à l'Hôpital International Medpark.

Pour sa performance exceptionnelle, le Dr. Batrinac a reçu de nombreux prix, dont la médaille «Nicolae Milescu Spataru» décernée par l'Académie des Sciences de Moldavie et la *Gloire du Travail* décernée par le Président de la République de Moldova.

Présentation au congrès

- Imagerie en pathologie aortique: la vision du chirurgien cardio-vasculaire

Aureliu Batrinac, MD, PhD
Associate Professor of Cardiovascular Surgery
Medical Director, Medpark International Hospital
Chisinau, the Republic of Moldova

Dr. Batrinac graduated from the Nicolae Testemitsanu State University of Medicine and Pharmacy in 1989, where he also completed his specialty training in Cardiovascular Surgery. Apart from his training in Moldova, Dr. Batrinac acquired an enriching international experience at the leading centers of cardiovascular surgery in Moscow, Russia (3-year specialty fellowship (1991-1994) at the Surgical Research Center of the Academy of Medical Sciences in Moscow, where he subsequently accepted a position of a cardiovascular surgeon), Hannover, Germany (1997-1998, 1999), Zagreb, Croatia (2000), Braunschweig, Germany (2002), Novara, Italy (2010), Geneva, Switzerland (2011), Barcelona, Spain (2014).

Apart from his clinical work (over 2000 surgical interventions on the heart and big vessels), Dr. Batrinac is actively pursuing a variety of research projects. His doctoral dissertation is related to coronary artery by-pass grafting using internal mammary artery and his research work is reflected in over 120 publications.

Dr. Batrinac has made significant contributions to the development of Cardiovascular Surgery in Moldova, functioning also in a variety of managerial and administrative positions such as Vice-Director of the Center of Heart Surgery, Vice-Director of the Institute of Cardiology, Chair of the Department of Cardiovascular Surgery at the Republican Clinical Hospital, Chair of the Department of Cardiovascular Surgery and Medical Director at the Medpark International Hospital.

For his outstanding performance, Dr. Batrinac received many awards, including the Medal "Nicolae Milescu Spataru" awarded by the Academy of Sciences of Moldova and *The Glory of Labor Order* awarded by the President of the Republic of Moldova.

Presentation at the congress:

- Imaging in aortic pathology: the vision of cardiovascular surgeon

Florin Birsasteanu, MD, PhD

Président et Professeur de Radiologie

Université de médecine et de pharmacie Victor Babes

Président de la Société roumaine de radiologie et d'imagerie médicale

Timisoara, Roumanie



Le Professeur Birsasteanu a étudié la médecine à l'Université de Médecine et de Pharmacie Victor Babes à Timisoara, en Roumanie, où il a suivi la faculté de médecine générale, sa formation spécialisée en radiologie et son doctorat. Par la suite, le Dr Birsasteanu a été professeur adjoint et professeur agrégé de radiologie au sein de la même université. En plus de sa formation en Roumanie, le Prof. Birsasteanu a acquis une vaste expérience internationale, sa formation postdoctorale incluant des formations de spécialité en France, en Autriche, en Hongrie, République Tchèque, États-Unis, Allemagne, Pays-Bas etc. Détenteur de diplômes officiels en gestion des services de santé et en administration publique locale, le Dr Birsasteanu a été nommé à des postes de direction clés, notamment en tant que directeur du Timisoara County Emergency Clinical Hospital, le plus grand centre de santé de Roumanie où il a également servi comme un spécialiste de l'IRM et a fondé un département d'IRM. Étant un radiologue dévoué et un gestionnaire compétent, le Dr Birsasteanu est le fondateur et le président / gestionnaire de nombreuses installations de diagnostic, y compris le Centre d'imagerie TELESCAN et le Centre d'imagerie CRB DR BIRSASTEANU. En raison de l'impact sur le service de santé du comté, Dr. Birsasteanu a été invité à être membre du Conseil municipal de Timisoara (2004-2008, 2012-2014).

En plus de son dévouement à l'amélioration du service de radiologie et des installations de diagnostic dans le comté, le Dr Birsasteanu s'est assumé de nombreuses responsabilités au niveau national et international en tant que président de la Société roumaine de radiologie et d'imagerie médicale, vice-président de la Société Roumaine de Résonance Magnétique, membre de la Commission Nationale de Spécialité du Ministère de la Santé, Membre fondateur de la Société Roumaine de Neurologie Chirurgicale, fondateur et Président de la Société Roumaine d'Imagerie Musculo-Squelettique, membre du Comité Scientifique de la section Musculo-Squelettique de la Société européenne de radiologie (ESR), membre du Comité exécutif de la Société balkanique de radiologie (BSR) etc. Son travail se reflète dans plus de 100 publications scientifiques. En raison de son impact sur la gestion de la santé et les services communautaires dans les pays, le professeur Birsasteanu a été élu député au Parlement de la Roumanie en 2014.

Florin Birsasteanu, MD, PhD

Chairman and Professor of Radiology

Victor Babeș University of Medicine and Pharmacy

President, Romanian Society of Radiology and Medical Imaging

Timisoara, Romania

Prof. Birsasteanu studied medicine at the Victor Babes University of Medicine and Pharmacy in Timisoara, Romania where he completed the General Medicine faculty, his specialty training in Radiology and his doctorate. Subsequently Dr. Birsasteanu worked as an Assistant Professor and an Associate Professor of Radiology within the same university. Apart from his training in Romania, Prof. Birsasteanu acquired a vast international experience, his postgraduate education including specialty and fellowship training in France, Austria, Hungary, Czech Republic, USA, Germany, the Netherlands, etc.

Holding also formal degrees in Health Services Management and Local Public Administration, Dr. Birsasteanu was appointed in key managerial positions, including the Manager of the Timisoara County Emergency Clinical Hospital, the biggest health care facility in the western part of Romania, where he also was a leading MRI specialist and has found an MRI department. Being a devoted radiologist and a proficient manager, Dr. Birsasteanu is the founder and manager of many diagnostic facilities, including the TELESCAN Imaging Center and CRB DR BIRSASTEANU Imaging Center. Due to the impact made on the county health care service, Dr. Birsasteanu was invited to be a member of the Timisoara City Council (2004-2008; 2012-2014).

Apart from his dedication to improving the radiology service and diagnostic facilities in the county, Dr. Birsasteanu carried out a broad range of responsibilities at both national and international level, being the President of the Romanian Society of Radiology and Medical Imaging, Vice President of the Romanian Society for Magnetic Resonance, member of the National Specialty Commission of the Ministry of Health, Founding member of the Romanian Society for Surgical Neurology, Founder and President of the Romanian Society for Musculoskeletal Imaging, member of the Scientific Committee of the Musculoskeletal section of the European Society of Radiology (ESR), member of the Executive Committee of the Balkan Society of Radiology (BSR), etc. His work is reflected in over 100 scientific publications.

As a result of his impact on health management and country's community services, in 2014 Prof. Birsasteanu was elected a Deputy in the Parliament of Romania.



Ioana Andreea Gheonea, MD, PhD, MSc

Professeur de Radiologie

Université de Médecine et de Pharmacie de Craiova

Craiova, Roumanie

Dr. Gheonea a étudié la médecine à l'Université de Médecine et de Pharmacie de Craiova en Roumanie où elle a complété sa thèse de médecine, sa thèse de maîtrise en gestion des établissements de santé et sa thèse intitulée *Le rôle de l'élastographie ultrasonore dans le diagnostic des lésions mammaires focales*. Après avoir poursuivi sa formation spécialisée en radiologie et en imagerie médicale, elle a été professeure adjointe et professeure agrégée de radiologie au sein de la même université, où elle a été certifiée en radiologie et en médecine nucléaire. Après avoir soutenu sa thèse d'habilitation intitulée *Recherche avancée en pathologie maligne du système digestif basée sur des techniques d'imagerie*, le Dr Gheonea a été nommée professeur titulaire de radiologie à l'Université de médecine et de pharmacie de Craiova.

En plus de sa formation en Roumanie, Dr. Gheonea a acquis une vaste expérience internationale, ses études postdoctorales incluant des bourses de spécialisation et des échanges professionnels à Maastricht (Pays-Bas), Cracovie (Pologne), Madrid (Espagne), Paris (France), Vienne (Autriche), Orlando (Floride, États-Unis) etc.

Les activités de recherche du Dr Gheonea comprennent une variété de projets de recherche en collaboration, où elle est membre du projet ou directrice de projet. Elle est l'auteure de trois livres, de plus de 50 publications dans des revues à comité de lecture et de plus de 60 résumés présentés lors de rencontres scientifiques nationales et internationales. Elle est également titulaire d'un brevet OSIM pour l'invention d'un système haptique pour la palpation virtuelle des tumeurs du foie et du pancréas avec reconstruction tridimensionnelle calculée (BOPI, n ° 4/2017, Université de Médecine et Pharmacie Craiova).

Pour ses réalisations, Dr. Gheonea a reçu de nombreux prix, dont le Grand Prix de Radiologie de la Société Française pour la meilleure présentation orale au Sectional Imaging Group Réunion (2007), Top Poster Prize 19ème Semaine Européenne de Gastroentérologie Unie (Stockholm, Suède, 2011), le Prix de la Société Roumaine de Radiologie et d'Imagerie Médicale (Roumanie, 2013 et 2017), Prix de la Société Roumaine d'Ultrasonographie en Obstétrique et Gynécologie (Roumanie, 2017), 27ème Prix du Congrès Mondial d'Ultrasond en Obstétrique et Gynécologie (Vienne, Autriche, 2017) et plusieurs autres.

Ioana Andreea Gheonea, MD, PhD, MSc

Professor of Radiology

University of Medicine and Pharmacy of Craiova

Craiova, Romania

Dr. Gheonea studied medicine at the University of Medicine and Pharmacy of Craiova in Craiova, Romania where she completed the General Medicine faculty, her MSc thesis in Management of Health Facilities and her PhD thesis entitled *The role of ultrasound elastography in diagnosing focal breast lesions*. After pursuing her specialty training in Radiology and Medical Imaging, she worked as an Assistant Professor and an Associate Professor of Radiology within the same university, being board certified in both Radiology and Nuclear Medicine. After defending her Habilitation thesis entitled *Advanced research in malignant pathology of digestive system based on imaging techniques*, Dr. Gheonea was assigned a full Professor of Radiology at the University of Medicine and Pharmacy of Craiova.

Apart from her training in Romania, Dr. Gheonea acquired a vast international experience, her postgraduate education including specialty scholarships and professional exchange training in Maastricht (Netherlands), Krakow (Poland), Madrid (Spain), Paris (France), Vienna (Austria), Orlando (Florida, USA), etc.

Dr. Gheonea's research activities include a variety of joint research projects, where she acts as a project member or Project Director. She authored 3 books, over 50 publications in peer-reviewed journals and over 60 abstracts presented at the national and international scientific meetings. She is also the holder of an *OSIM Patent* for invention of a haptic system for virtual palpation of liver and pancreatic tumors with tridimensional computed reconstruction (BOPI, no 4/2017, University of Medicine and Pharmacy Craiova).

For her achievements, Dr. Gheonea received a variety of awards, which include the Grand prize of Radiology French Society for the best oral presentation at Sectional Imaging Group Reunion (2007), Top Poster Prize 19th United European Gastroenterology Week (Stockholm, Sweden, 2011), the Romanian Radiology and Medical Imaging Society prize (Romania, 2013 and 2017), Romanian Society of Ultrasonography in Obstetrics and Gynecology prize (Romania, 2017), the 27th World Congress on Ultrasound in Obstetrics and Gynecology prize for the best short oral presentation (Vienna, Austria, 2017) and several others.

Konstantin Kenigsberg, MD

Spécialiste Principal en IRM, Centre de Cancérologie de Minsk
Professeur Agrégé, l'Université Médicale d'Etat de Biélorussie
Minsk, Biélorussie

Le Dr. Kenigsberg a étudié la médecine à l'Université de Médecine d'État de Biélorussie à Minsk, en Biélorussie, où il a fait ses études à la faculté de médecine générale et sa formation spécialisée en radiologie. Il a suivi une formation de troisième cycle en tomodensitométrie, en imagerie par résonance magnétique et en tomographie par émission de positrons à l'Académie nationale des études supérieures de Biélorussie à Minsk et à l'hôpital universitaire de Würzburg à Würzburg en Allemagne.

Étant donné son intérêt particulier pour l'imagerie par résonance magnétique et ses applications, le Dr Kenigsberg a suivi une formation de pointe aux écoles, séminaires et cours de formation ESOR, ESMRMB et ESHI MRI et PET / CT en Europe. Il a un large éventail d'intérêts professionnels liés à la radiologie cancerologique, à la neuroradiologie, à l'IRM multiparamétrique et à l'imagerie hybride. En dehors de ses activités cliniques et didactiques, le Dr Kenigsberg est activement impliqué dans la recherche médicale, ses projets en cours incluant une étude de doctorat étant liés à des applications d'IRM dans le diagnostic et le suivi des tumeurs cérébrales hypervascularisées.

Au cours des trois dernières années, le Dr Kenigsberg a fait plus de 20 présentations orales sur différents congrès internationaux et conférences dans le domaine de la radiologie cancerologique, de la neuroradiologie, de l'imagerie MSK et de la médecine nucléaire. En tant que spécialiste bien connu des applications d'IRM, le Dr Kenigsberg a réalisé plus de 10 master-classes en Russie, en Ukraine et en Biélorussie sur des systèmes d'IRM à haut champ utilisant une large gamme de machines, parmi lesquelles Siemens, GE, Philips et Toshiba. De nos jours, il est impliqué en tant que spécialiste de l'application dans le domaine des systèmes d'IRM MSK dédiés Esaote.

Actuellement, le Dr Kenigsberg est conférencier à l'Université Médicale d'Etat de Biélorussie et le spécialiste de l'IRM au Minsk Cancer Center à Minsk, en Biélorussie. Dr Kenigsberg est professeur agrégé actif dans la communauté internationale de Radiographie et le centre de radiologie médicale à Moscou, en Fédération de Russie.

Il est également membre élu et leader d'opinion du conseil d'administration de la Société biélorusse de radiologie et délégué national au Forum des stagiaires en radiologie de la Société européenne de radiologie.



Konstantin Kenigsberg, MD

Leading MRI Specialist, Minsk Cancer Center
Attending Lecturer, Belarussian State Medical University
Minsk, Belarus

Dr. Kenigsberg studied medicine at the Belarussian State Medical University in Minsk, Belarus, where he completed both the General Medicine faculty and his specialty training in Radiology. His subsequent postgraduate education includes specialty and fellowship training in computed tomography, magnetic resonance imaging and positron emission tomography at the Belarussian State Academy of Postgraduate Education in Minsk, Belarus and at the University Hospital of Würzburg in Würzburg, Germany.

Having his special interests in magnetic resonance imaging and MRI applications, Dr. Kenigsberg underwent state-of-the-art training at ESOR, ESMRMB and ESHI MRI and PET/CT schools, seminars and training courses in Europe. He has a broad range of professional interests related to oncologic radiology, neuroradiology, multiparametric MRI and hybrid imaging. Apart from his clinical and didactic activities, Dr. Kenigsberg is actively involved in medical research, his on-going projects including PhD study being related to MRI applications in diagnosis and follow-up of hypervasculär brain tumors.

For the last 3 years Dr. Kenigsberg has made more than 20 oral presentations at different international congresses and conferences in the field of oncologic radiology, neuroradiology, MSK imaging and nuclear medicine.

As a well-known MRI application specialist Dr. Kenigsberg made more than 10 master-classes in application of high-field MRI systems in Russian Federation, Ukraine and Belarus using a wide range machines of most popular vendors including Siemens, GE, Philips and Toshiba. Nowadays he is involved as the application specialist in the field of dedicated MSK MRI systems Esaote.

Currently Dr. Kenigsberg is an Attending Lecturer at the Belarussian State Medical University and the leading MRI specialist at the Minsk Cancer Center in Minsk, Belarus. Dr. Kenigsberg is an active Lecturer in Radiographia international community and Medical Radiology Center in Moscow, Russian Federation.

He is also an elected member and opinion-leader of Authority Board of the Belarussian Society of Radiology and the National Delegate at the Radiology Trainee Forum of the European Society of Radiology.



Liviu Stanisor, MD, PhD
Chef du Département de Médecine Nucléaire
Centre Médical Neolife
Iasi, Roumanie

Le Dr Stanisor est actuellement chef du département de médecine nucléaire à Neolife Iasi, en Roumanie. Il est diplômé en médecine à Iasi, en Roumanie. Après une année de formation en orthopédie, il a entamé un programme de doctorat à l'Université libre d'Amsterdam, aux Pays-Bas, où il a soutenu sa thèse. Au cours de ses sept années de recherche en neurosciences cognitives, le travail du Dr Stanisor a été publié dans de prestigieuses revues internationales à fort facteur d'impact. Il est le premier auteur de «Automatic spread of attentional response modulation along Gestalt criteria in primary visual cortex», publié en 2011 dans Nature Neuroscience (facteur d'impact 15.2) et «A unified selection signal for attention and reward in primary visual cortex», PNAS en 2013 (facteur d'impact 9,7). Il a soutenu sa thèse intitulée «Codage de la signification et de la récompense de l'objet dans le cortex visuel et frontal» en septembre 2012 à l'Université libre d'Amsterdam.

Après avoir terminé ses projets de recherche, Liviu est retourné dans le domaine clinique et a suivi une période de stage en médecine interne ainsi que des spécialités connexes (cardiologie, pneumologie, oncologie et hématologie). Il a ensuite commencé sa formation spécialisée en médecine nucléaire à Amsterdam, aux Pays-Bas, et l'a terminée à Iasi, en Roumanie. Depuis 2016, il travaille comme spécialiste en médecine nucléaire chez Neolife. Sa formation continue en médecine comprend des bourses d'études en oncologie TEP-CT et en imagerie TEP hybride à Zurich, en Suisse, et une formation en radiochimie pour le PSMA à Munich, en Allemagne. Les domaines d'intérêts de Liviu comprennent l'imagerie cardiovasculaire et inflammatoire, l'imagerie hybride, l'éducation médicale et l'informatique de la santé. Ses activités didactiques impliquent l'enseignement de bachelier et de la maîtrise à la faculté de physique médicale. Ses projets actuels comprennent des demandes internationales pour des subventions de recherche et la co-promotion des étudiants pour leurs thèses de maîtrise.

La formation polyvalente du Dr Stanisor lui permet d'aborder le diagnostic et la thérapie dans tous les contextes cliniques et lui permet d'aborder un large éventail de sujets, puisqu'il est spécialisé pour pratiquer la médecine nucléaire au Royaume-Uni ainsi qu'aux Pays-Bas et en Roumanie.

Liviu Stanisor, MD, PhD
Head of Nuclear Medicine Department
Neolife Medical Center
Iasi, Romania

Dr. Stanisor is currently the Head of Nuclear Medicine Department at Neolife Iasi, Romania. He has graduated from medical school in Iasi, Romania. After one year of training in Orthopedics, he started pursuing a PhD program at the Free University of Amsterdam, the Netherlands, where he defended his thesis. During his seven years of research in Cognitive Neuroscience, Dr. Stanisor's work was published in prestigious high-ranking international journals. He is the first author of "Automatic spread of attentional response modulation along Gestalt criteria in primary visual cortex", published in 2011 in Nature Neuroscience (impact factor 15.2) and "A unified selection signal for attention and reward in primary visual cortex", published in PNAS in 2013 (impact factor 9.7). He defended his thesis entitled "Coding of object significance and reward in the visual and frontal cortex" in September 2012 at the Free University of Amsterdam.

After completing his research projects, Liviu returned to the clinical field and followed a period of internship in Internal Medicine as well as related specialties (Cardiology, Pneumology, Oncology and Hematology). He then started his specialty training in Nuclear Medicine in Amsterdam, the Netherlands and finished it in Iasi, Romania. Since 2016 he is working as a Nuclear Medicine specialist at Neolife. His continuing medical training includes fellowships in Oncologic PET-CT and hybrid PET imaging in Zurich, Switzerland and radiochemistry training for PSMA in Munich, Germany. Liviu's areas of interest include cardiovascular and inflammation imaging, hybrid imaging, medical education and health informatics. His didactic activities involve teaching bachelor and master students at the Faculty of Medical Physics. His present projects include international application for research grants and co-promoting students for their master theses.

Dr. Stanisor's all-round training allows him to approach diagnosis and therapy in all clinical settings and enables him to bridge through different backgrounds, since he is specialty registered to practice Nuclear Medicine in the UK as well as the Netherlands and Romania.

Aristida Colan-Georges, MD, PhD
Centre d'imagerie médicale Prima Medical Medlife
SC PanMed Craiova Laboratoires
Craiova, Roumanie



Dr. Colan-Georges a étudié la médecine à l'Université de Médecine et de Pharmacie de Craiova, Roumanie, où elle a obtenu son diplôme en Médecine Générale en 1986. Par la suite, elle a poursuivi sa formation spécialisée en Radiologie et Imagerie Médicale, obtenant la certification de médecin spécialiste en Radiologie depuis 1991, ainsi que des certifications de subspecialité en Échographie, en Tomodensitométrie et en Imagerie par Résonance Magnétique. Ayant un intérêt particulier pour l'Imagerie du pelvis féminin, Dr. Colan-Georges a poursuivi sa thèse de doctorat sur le diagnostic d'imagerie dans l'infertilité féminine de l'étiologie pelvienne, qu'elle a soutenu avec succès en 2006.

En plus de sa formation en Roumanie, le Dr Colan-Georges a acquis une expérience internationale enrichissante. Elle détient des attestations de spécialité délivrées par l'Université Pierre et Marie Curie (UMPC) de Paris, France, 2005 («Attestation de Formation Spécialisée Approfondie», mention Radiodiagnostic et Imagerie Médicale) et par le Centre de Formation Francophone en Échographie, Aix-en-Provence, France, 2007 («Attestation de stage pratique d'Échographie du Sein», Centre francophone de formation en échographie).

Les intérêts de recherche du Dr Colan-Georges comprennent un large éventail de sujets avec un accent particulier sur l'imagerie par ultrasons. Elle est l'auteure de quatre livres (dont un Atlas de l'échographie complète du sein, *Atlas of Full Breast Ultrasonography*, Springer, 2016), de 13 chapitres de livres (dont sept en tant que premier auteur, mention pour deux chapitres dans *Lobar Approach to Breast Ultrasound*, Ed. Amy Dominique, Springer, 2018) et de plus de 100 articles et présentations évalués par des pairs, avec 9 présentations à EPOS at the European Congress of Radiology (ECR) de Vienne, 2010-2017.

Pour son travail exceptionnel, le Dr Colan-Georges a reçu de nombreux prix, dont le «Grand Prix du Congrès Francophone d'Imagerie Médicale des pays d'Europe du Sud-Est» (2006), le prix «Gheorghe Badea de la Société Roumaine d'Échographie en Médecine et Biologie» (2017) et bien d'autres.

Aristida Colan-Georges, MD, PhD
Senior Radiologist, Medical Imaging Center Prima Medical Medlife
SC PanMed Laboratories Craiova
Craiova, Romania

Dr. Colan-Georges studied medicine at the University of Medicine and Pharmacy of Craiova, Romania, where she graduated from the General Medicine Faculty in 1986. Subsequently she pursued her specialty training in Radiology and Medical Imaging, getting Board Certification in Radiology (1991) as well as formal subspecialty certifications in Ultrasonography, Computed Tomography and Magnetic Resonance Imaging. Having a special interest in Women's Healthcare Imaging, Dr. Colan-Georges pursued her PhD thesis on imaging diagnosis in female infertility of pelvic etiology, which she successfully defended in 2006.

Apart from her training in Romania, Dr. Colan-Georges acquired an enriching international experience. She holds specialty attestations issued by the University Pierre and Marie Curie (UMPC) from Paris, France, 2005 ("Attestation de Formation Spécialisée Approfondie, mention Radiodiagnostic et Imagerie Médicale") and by the Francophone Training Center in Ultrasound from Aix-en-Provence, France, 2007 ("Attestation de stage pratique d'Echographie du Sein", Centre Francophone de Formation en Echographie).

Dr. Colan-Georges's research interests include a wide range of topics with a special emphasis on ultrasound imaging. She authored 4 books (including an *Atlas of Full Breast Ultrasonography*, Springer, 2016), 13 book chapters (7 of these as a first author, from which two chapters in the *Lobar Approach to Breast Ultrasound*, Ed. Amy Dominique, Springer, 2018) and over 100 peer-reviewed articles and presentations, from which 9 papers in EPOS at the European Congress of Radiology (ECR) Vienna, 2010-2017.

For her exceptional work, Dr. Colan-Georges received a variety of awards, which include the "Grand prize of the Francophone Congress of Medical Imaging of the countries of South Eastern Europe" (2006), the "Gheorghe Badea prize of the Romanian Society of Ultrasound in Medicine and Biology" (2017) and many others.



Dana Stoian, MD, PhD, CCD, FECSM
Professeur Agrégé de Médecine
Consultante principale en endocrinologie
Université de médecine et de pharmacie Victor Babes
Timisoara, Roumanie

Le Dr Stoian est diplômé de la Faculté de Médecine de l'Université de médecine et de pharmacie Victor Babes de Timisoara, en Roumanie (1997). Par la suite, elle a suivi sa formation spécialisée en endocrinologie, soutenu sa thèse de doctorat avec *Summa cum Laude*, et complété sa formation médicale avec une supra spécialisation en échographie endocrinienne et en sexologie à l'Université de Médecine et de Pharmacie Carol Davila à Bucarest.

Les principaux domaines d'intérêt du Dr Stoian sont représentés par l'échographie endocrine, l'élastographie de la souche principale, l'évaluation échographique en 4D en temps réel, les effets non classiques de la vitamine D et la prédiction du risque néonatal. Elle a publié 3 livres en tant qu'auteur unique, a écrit 12 chapitres de manuels médicaux édités en Roumanie et à l'étranger, plus de 20 articles indexés dans ISI Core Collection, et plus de 20 BDI dans des extenseurs, avec un score Hirsch de 8.

Pour sa performance exceptionnelle, Dr Stoian a reçu une variété de prix, y compris: Bourse de voyage, jeune chercheur, Congrès International de la Ménopause, Berlin, Allemagne (2002); Association Roumaine de Médecine Sexuelle – Meilleure présentation orale, Sinaia, Roumanie (2004); Bourse ESSM – 100% de remboursement pour la FEASM, accordée par le Comité de l'éducation de ESSM, Oxford, Royaume-Uni (2007); Meilleure présentation, Congrès d'Europe centrale pour l'ostéoporose, Cracovie, Pologne (2009); Endocrinologue clinique de l'American Association – Travel Grant Phoenix, États-Unis (2013); 13e Congrès de Saint-Gall sur le cancer du sein – Bourse de voyage, Saint-Gall, Suisse (2013); Meilleure affiche, Congrès de l'Association Roumaine-Allemande de Gynécologie, Timisoara, Roumanie (2014) etc.

Actuellement, le Dr Stoian est professeur agrégé de médecine et consultant principal au département d'endocrinologie de l'Université de Médecine et de Pharmacie Victor Babes à Timisoara. Elle est également membre du Centre d'enseignement en échographie, organisé par le professeur Ioan Sporea à Timisoara, en Roumanie.

Dana Stoian, MD, PhD, CCD, FECSM
Associate Professor of Medicine
Senior Endocrine Consultant, Department of Endocrinology
Victor Babeș University of Medicine and Pharmacy
Timișoara, Romania

Dr. Stoian graduated from the Faculty of Medicine at the Victor Babes University of Medicine and Pharmacy in Timisoara, Romania (1997). Subsequently she followed her specialty training in endocrinology, defended her PhD thesis with *Summa cum Laude*, and completed her medical training with super specialization in Endocrine Ultrasound as well as Sexology at the University of Medicine and Pharmacy Carol Davila in Bucharest.

Dr. Stoian's major areas of interest are represented by endocrine ultrasound, main strain elastography, real time 4 D ultrasound evaluation, nonclassical effects of vitamin D and prediction of neonatal risk. She published 3 books as a single author, authored 12 chapters in medical textbooks edited in Romania and abroad, over 20 articles indexed in ISI Core Collection, and over 20 peer reviewed articles, having a Hirsch Score of 8.

For her outstanding performance, Dr Stoian was awarded a variety of prizes, including: Travel Grant, young Researcher, International Congress of Menopause, Berlin, Germany (2002); Romanian Association for Sexual Medicine – Best oral presentation, Sinaia, Romania (2004); ESSM Grant – 100% reimbursement for the FEASM, granted by the Education Committee of ESSM, Oxford, UK (2007); Best presentation, Central European Congress of Osteoporosis, Krakow, Poland (2009); American Association Clinical Endocrinologist – Travel Grant Phoenix, USA (2013); 13th St. Gallen Congress of Breast Cancer – Travel Grant, St. Gallen, Switzerland (2013); Best Poster, Congress of Romanian-German Association of Gynecology, Timisoara, Romania (2014), etc.

Currently Dr. Stoian is an Associate Professor of Medicine and a Senior Consultant in the Department of Endocrinology at the Victor Babes University of Medicine and Pharmacy in Timisoara. She is also a member of the Teaching Centre in Ultrasound, organized by Professor Ioan Sporea in Timisoara, Romania.

Grigore Popusoi, MD

Cardiologue interventionnel

Département de cardiologie et de radiologie interventionnelle

Clinique de Montevergne, Mercogliano, Italie



Le Dr Grigore Popusoi est un spécialiste ayant une expérience clinique en cardiologie générale et invasive, en radiologie interventionnelle et en angiologie, en anesthésiologie et en réanimation. Après avoir fait ses études à la faculté de médecine générale de l'Université d'État de médecine et de pharmacie Nicolae Testemitsanu à Chisinau, le Dr Grigore Popusoi a poursuivi sa formation spécialisée en anesthésiologie et réanimation (certification du conseil en 1994) et en cardiologie (certification du conseil en 1997).

Sa formation ultérieure comprenait une bourse de cardiologie interventionnelle à l'école de médecine et hôpital universitaire de l'Université Charle à Plzen, République Tchèque (1999), une bourse de cardiologie au programme de séminaires médicaux Cornell-Salzbourg à Salzbourg, Autriche (2000) et une bourse de cardiologie, Chirurgie cardiaque et anesthésiologie à l'International Heart School de Bergame, Italie (2001). Au cours de la période 2001-2005, le Dr Grigore Popusoi a été chercheur en cardiologie invasive / interventionnelle à la clinique Montevergne de Mercogliano, en Italie. Depuis 2005, il est cardiologue interventionnel à cette clinique.

Le Dr Popusoi s'intéresse à l'angioplastie coronarienne transluminale percutanée, aux endoprothèses carotidiennes et coronariennes, aux interventions endovasculaires, à l'angioplastie par laser et à l'implantation de stents à élution médicamenteuse, ainsi qu'à l'imagerie cardiaque et vasculaire. Il est l'auteur de plus de 30 publications dans des revues spécialisées de premier plan telles que Eurointervention (publication officielle d'EuroPCR et de l'Association européenne des interventions cardiovasculaires percutanées), Europace (European Journal of Stimulation, Arythmies et Cardiac Electrophysiology de l'European Heart Rhythm Association de la Société Européenne de Cardiologie), Journal de Médecine de Revascularisation Cardiovasculaire, Excerpta Medica, Journal Italien de Cardiologie, Journal International de Cardiologie, JACC: Interventions Cardiovasculaires, JACC (Journal de l'American College of Cardiology) etc.

Présentation au congrès

- Sténose de l'artère carotide chez les patients asymptomatiques: quand et quoi faire?

Grigore Popusoi, MD
Interventional Cardiologist
Department of Cardiology and Interventional Radiology
Montevergne Clinic, Mercogliano, Italy

Dr. Popusoi is a specialist with clinical experience in general and invasive cardiology, interventional radiology and angiology, anesthesiology and reanimation. After completing the faculty of General Medicine at the Nicolae Testemitsanu State University of Medicine and Pharmacy in Chisinau, Dr. Popusoi pursued his specialty training in Anesthesiology and Reanimation (board certification in 1994) and Cardiology (board certification in 1997).

His subsequent training included an Interventional Cardiology fellowship at the Charle's University School of Medicine and University Hospital in Plzen, Czech Republic (1999), a Cardiology fellowship within the Cornell-Salzburg Medical Seminars program in Salzburg, Austria (2000) and a fellowship in Cardiology, Cardiac surgery and anesthesiology at the International Heart School in Bergamo, Italy (2001). In the period 2001 – 2005, Dr. Grigore Popusoi practiced as a Fellow in Invasive / Interventional Cardiology, at the Montevergne Clinic in Mercogliano, Italy. Since 2005 he is an Interventional Cardiologist at this Clinic.

Dr. Popusoi has a broad area of research interests related to percutaneous transluminal coronary angioplasty (PTCA), carotid and coronary artery stenting, endovascular interventions, laser angioplasty and drug eluting stents (DES) implantation, as well as cardiac and vascular imaging. He authored over 30 publications published in leading specialty journals such as Eurointervention (the official publication of EuroPCR and the European Association of Percutaneous Cardiovascular Interventions), Europace (the European Journal of Pacing, Arrhythmias and Cardiac Electrophysiology of the European Heart Rhythm Association of the European Society of Cardiology), Journal of Cardiovascular Revascularization Medicine, Excerpta Medica, Italian Journal of Cardiology, International Journal of Cardiology, JACC: Cardiovascular Interventions, JACC (Journal of the American College of Cardiology), etc.

Presentation at the congress:

- Carotid artery stenosis in asymptomatic patients: when and what should be done?



Mariia Tregubova, MD
Département de radiologie
Institut national de chirurgie cardiovasculaire Amosov
Kiev, Ukraine

Le Dr. Tregubova a étudié la médecine à la Faculté de médecine générale de l'Université Nationale de Médecine Bogomolets de Kiev, en Ukraine. Par la suite, elle a poursuivi sa formation spécialisée à l'Académie nationale de médecine Shupyk de l'enseignement post-universitaire à Kiev, en Ukraine, obtenant des certifications du Conseil en cardiologie et en radiologie.

En dehors de son travail clinique, Dr. Tregubova est activement impliquée dans des activités académiques et de recherche, participant à divers événements éducatifs tels que l'école d'imagerie par résonance magnétique Farmak à Kiev, en Ukraine (2016, 2017), le congrès de la Société européenne de radiologie à Vienne, en Autriche (2018) et l'École d'hiver de l'École européenne de multimodalité en imagerie et thérapie (ESMIT) à Bergame, en Italie (2018). Ses principaux intérêts de recherche sont liés à l'imagerie cardiovasculaire. Compte tenu de ses certifications en cardiologie et en radiologie, le Dr Tregubova a rejoint le personnel de l'Institut national de chirurgie cardiovasculaire Amosov.

Présentations au congrès

- Le rôle de l'angioscanner coronaire dans l'évaluation de la maladie coronarienne
- Reconnaissance TDM de la dissection aortique aiguë

Mariia Tregubova, MD
Department of Radiology
Amosov National Institute of Cardiovascular Surgery
Kiev, Ukraine

Dr. Tregubova studied medicine at the Faculty of General Medicine, National Bogomolets Medical University in Kiev, Ukraine. Subsequently she pursued her specialty training at the Shupyk National Medical Academy of postgraduate education in Kiev, Ukraine, getting Board certifications in Cardiology and Radiology.

Apart from her clinical work, Dr. Tregubova is actively involved in academic and research activities, participating in a variety of educational events such as the Farmak Magnetic Resonance Imaging School in Kiev, Ukraine (2016, 2017), the European Society of Radiology congress in Vienna, Austria (2018) and the European School of Multimodality Imaging & Therapy (ESMIT) Winter School in Bergamo, Italy (2018). Her main research interests are related to cardiovascular imaging. Given her Board certifications in both Cardiology and Radiology, Dr. Tregubova joined the staff of the Amosov National Institute of Cardiovascular Surgery.

Presentations at the congress:

- The role of CT coronary angiography in the evaluation of coronary artery disease
- CT recognition of acute aortic dissection

Mario Taha, MD

Directeur Général

**Centre d'Imagerie Médicale Yuzh-Ukrmedtekh
Directeur Médical, Chef du Département de Radiologie
Clinique Medcor, Odessa, Ukraine**



Dr. Taha est le Directeur Médical et Chef du Département de Radiologie de Medcor & Acc Medicale et le chef de la Direction (CEO) du Centre Médical Yuzh-Ukrmedtekh, Odessa, Ukraine. Il a étudié la médecine à Grodno State Médical Université à Minsk, en Biélorussie, après il a suivi sa formation en radiologie diagnostique et interventionnelle à l'Académie Nationale de Médecine de l'Education de troisième cycle à Minsk, en Biélorussie, puis à Université Saint-Joseph de Beyrouth (HDF) Beyrouth, Liban, et Paris, France. Il a été ensuite radiologue à l'hôpital universitaire de Dar Al Al Amal de Baalbek, au Liban (2004-2006) et en tant que chef du département de radiologie à l'hôpital Bekaa, un des principaux établissements de soins de santé dans la région de Bekaa au Liban (2006-2012).

En dehors de son travail clinique, le Dr Taha est titulaire d'un diplôme associé de recherche, ses recherches d'intérêt étant liées à l'imagerie par résonance magnétique dans une variété de troubles tels que l'endométriose, le cancer du rectum, le cancer de la prostate etc. Enfin et surtout, le Dr. Taha participe activement à la promotion de l'enseignement et de l'éducation radiologique, y compris par les médias locaux et des présentations de télévision. Il est le co-fondateur et le chef de la Direction (CEO) des communautés de radiologues sur le web radiographia.ru & radiographia.info

Présentations au congrès

- Imagerie par résonance magnétique dans le cancer de la prostate
- Imagerie par résonance magnétique dans le cancer du rectum
- Le rôle de l'imagerie par résonance magnétique dans l'endométriose pelvienne profonde

Mario Taha, MD
Chief Executive Officer (CEO)
Yuzh-Ukrmedtekh Medical Imaging Center
Medical Manager, Chief of Radiology Department
Medcor Clinic, Odessa, Ukraine

Dr. Taha is the Medical Manager and Chief of Radiology Department of the Medcor & Acc Medical and the Chief Executive Officer (CEO) of the Yuzh-Ukrmedtekh Medical Center, Odessa, Ukraine. He studied medicine at Grodno State Medical University in Belarus, after which followed his training in Diagnostic and Interventional Radiology at the National Medical Academy of Postgraduate Education in Minsk, Belarus, then at the Saint Joseph University, France University Hospital (HDF) Beirut Lebanon & Paris France. Subsequently he worked as a radiologist at the Dar Al Al Amal University Hospital in Baalbek, Lebanon (2004 – 2006) and as the Chief of Radiology Department at the Bekaa Hospital, a leading health care institution in Bekaa region, Lebanon (2006 – 2012).

Apart from his clinical work, Dr. Taha holds a Research Associate degree, his research interests being related to magnetic resonance imaging in a variety of disorders such as endometriosis, rectal cancer, prostate cancer, etc. Last, but not least, Dr. Taha is actively engaged in promoting radiology teaching and education, including via local mass media and TV presentations. He is also the co-founder and the Chief Executive Officer (CEO) of the web based radiologists' communities radiographia.ru & radiographia.info

Presentations at the congress:

- Magnetic resonance imaging in prostate cancer
- Magnetic resonance imaging in rectal cancer
- The role of magnetic resonance imaging in deep pelvic endometriosis