

# Outstanding radiologist and technology pioneer awarded ESR Honorary Membership

By Mélanie Rouger

In recognition of his major contribution to the development of radiology, particularly in the areas of imaging technologies and musculoskeletal imaging, and his devotion to the restructuring of radiological standards of practice, Professor Moshe Graif from Tel Aviv, Israel, will be awarded Honorary Membership of the European Society of Radiology at ECR 2012.

Moshe Graif, MD is a renowned radiologist in the fields of ultrasound and MRI, whose work has considerably advanced both research and clinical radiology. His early interest in imaging technologies also helped to improve and spread their use in clinics today. He has been Chairman of the Department of Medical Imaging at the Tel Aviv Sourasky Medical Center since 1989 and Professor of Medical Imaging at the Faculty of Medicine of Tel Aviv University since 1992.

Born in 1948 in Bucharest, Romania, and living in Israel since 1950, he obtained his medical degree from the Faculty of Medicine of Bologna University in Italy in 1973. From 1975 to 1980, he trained in radiology at the Rambam Medical Center in Haifa, in affiliation with the Faculty of Medicine of the Technion Institute of Technology. In 1980, he moved to Tel Aviv where he became Associate Professor in Medical Imaging in 1992 and full Professor in 2006. In 1984, he joined London Hammer-smith Hospital for a year as a research fellow at the MRI unit, with a view to bringing the new technology and clinical practice to Israel.

He has taken on several professorships across the Atlantic; in 1995–96 as Visiting Professor at the MRI division of Thomas Jefferson University Hospital in Philadelphia; in 2000 as Adjunct Associate Professor of Radiology, again at Thomas Jefferson University Hospital; in 2007 as Visiting Professor at Saint Paul's Hospital in Vancouver, Canada; and in 2010 at the Italian Hospital of Buenos Aires University.

"For me, radiology is a passion. As a technology-oriented person, the use of medical

imaging technologies is a natural way to practise medicine – of all modalities, ultrasound is my favourite, as it enables a closer connection to the patient, providing a direct channel of communication, which is very helpful in reaching a better examination and diagnosis, and increases the patient's confidence in the medical procedure. Making a

of the Israel Radiological Association (ISRA) for the past twelve years. Under his chairmanship, ISRA took part in the 'ESR meets' programme at ECR 2008. He is also a member of the Executive Committee of the Scientific Council of the Israel Medical Association (IMA), a member of the National Council of Medical Imaging for the Israeli Ministry of

"The ECR is a unique event in the sense that, beyond the educational, academic and professional scopes, it provides an excellent opportunity to meet with radiologists from different countries and professional environments, and be exposed to diverse medical systems and practices. This leads to a fruitful exchange of views and poses challenges in trying to promote harmonisation between the different standards of education and clinical practices. The ECR is a dynamic framework, which results in noticeable continuous advancement of professional achievements.

I've learned a great deal from this ensemble of professionals, thus gaining a wider perspective of macro processes involving radiology and subsequently taking important lessons back home. Furthermore, the ECR has provided an opportunity to make wonderful friends and gain social ties that have enriched my life throughout the 15 years that I have attended ECR meetings."

diagnosis and thus solving an enigma, and consequently providing effective treatment is a constant source of satisfaction and an exciting challenge. However, with time, it also seems important and interesting to convert the clinical and management experience gathered into strategic thinking and applications," he said.

Professor Graif is one of the most influential radiologists in Israel. He has been Chairman

Health and Chief Radiology Counsellor for the Maccabi Health Services Organization. He is also a research grant reviewer for the Chief Scientist at the Ministry of Health and the Israel Academy of Science.

He has also served as co-President of the French-Israeli Association of Medical Imaging since 2002 and was co-President of the East Mediterranean Congress of Magnetic Resonance (2002–2006).



Moshe Graif

He is an honorary member of the French Radiological Society (SFR), from which he received the Gold Medal, the highest honour of the Society, in 2007.

Among numerous awards, he received a grant for a research fellowship from the Lewis Foundation in 1984 and was awarded best article of the year in 1989 from the International Bone Society Corrine-Parrell. His research has focused on ultrasound, MRI and IT technologies, including signal generation and processing, tissue and signal characterisation and their experimental applications in beta sites and clinical settings. He has a special interest in clinical research of the neck (parathyroid), pelvis and MSK sonography. He has written 112 articles and has been cited 1,500 times in medical literature.

He has been MSK area editor of the *Journal of Clinical Ultrasound (JCU)* since 1995 and is a reviewer for many publications, including the *European Journal of Radiology* and the *Israel Journal of Medical Sciences*.