

Professor Patrick Omoumi

Lausanne University Hospital (CHUV), Switzerland

Professor Patrick Omoumi is a leading figure in European musculoskeletal imaging, with a career spanning France, Belgium, the United States, and Switzerland.

After completing his medical studies in Tours and training in radiology in Paris, he developed an early interest in musculoskeletal imaging. A particularly important chapter of his professional career took place in Brussels, at the Cliniques universitaires Saint-Luc, where he joined a well-established school of musculoskeletal radiology. His years in Brussels, complemented by experience at the University of California, San Diego, helped shape a truly international approach to radiology, combining excellence in morphological imaging with technological innovation and clinical research.

In 2013, Patrick Omoumi joined Lausanne University Hospital (CHUV), where he took responsibility for musculoskeletal imaging. Since then, he has developed a highly regarded clinical and research program and was appointed Professor at the University of Lausanne.

Throughout his scientific career, Professor Omoumi has maintained a strong focus on innovation in musculoskeletal imaging. His main research interests include osteoarthritis and cartilage imaging, quantitative imaging, Dixon MRI and water–fat imaging, bone marrow imaging, spectral and dual-energy CT, and, more recently, the applications of artificial intelligence in musculoskeletal radiology.

Author of more than 160 peer-reviewed scientific publications, Professor Omoumi has established numerous international collaborations. The international recognition of his scientific contributions was highlighted in 2022, when he received the President's Medal of the International Skeletal Society. Since 2025, he has served as Deputy Editor of *European Radiology*, with responsibility for the musculoskeletal imaging section.

His journey from Paris to Brussels, from San Diego to Lausanne, reflects a career driven by a consistent ambition: to combine excellence in clinical musculoskeletal imaging with scientific and technological innovation. For a Belgian audience, his participation has a particular resonance, offering an opportunity to welcome back a radiologist whose years at Saint-Luc in Brussels represented an important chapter in what has since become a truly international academic career.



Pr Luis Cerezal

Diagnóstico Médico Cantabria, Santander, Spain

Pr Luis Cerezal is a Spanish radiologist and internationally recognized expert in musculoskeletal imaging, particularly known for his work in magnetic resonance imaging and MR arthrography of the joints. Based in Santander, Spain, his career has combined clinical expertise, research, education, and close collaboration with orthopedic surgeons and arthroscopists.

He graduated with honors from the University of Oviedo and completed his residency in Diagnostic Radiology at the Hospital Universitario Marqués de Valdecilla in Santander. He subsequently obtained his PhD from the University of Cantabria, where his doctoral research focused on MRI assessment of injuries of the triangular fibrocartilage complex (TFCC) with arthroscopic correlation.

Over the years, Pr Cerezal has developed particular expertise in the imaging of the wrist, hip, ankle and foot, becoming widely recognized for his work on MR arthrography and the correlation between imaging findings, anatomy, biomechanics, and arthroscopy. He is currently Medical Director of Diagnóstico Médico Cantabria (DMC) in Santander, where he leads a team with a strong focus on musculoskeletal imaging and image-guided procedures.

Author or co-author of more than 150 scientific publications, his work has appeared in major international journals. His scientific activity is also characterized by extensive international collaboration with leading musculoskeletal radiologists, orthopedic surgeons and arthroscopists.

Among his influential publications are his work on ulnar-sided wrist impaction syndromes, MR imaging of ankle impingement syndromes, MR and CT arthrography of the wrist and hip, imaging of the ligamentum teres, and the diagnosis and management of deep gluteal and ischiofemoral impingement syndromes. More recent publications have addressed rotator cuff tear patterns, hip microinstability, ankle instability, and advanced imaging of TFCC injuries.

Throughout his career, Pr Cerezal has developed a distinctive approach to musculoskeletal radiology in which high-resolution imaging, anatomy, biomechanics, and arthroscopy are closely integrated. From Santander to an extensive international network of collaborators, his work illustrates how imaging can move beyond lesion detection to provide a deeper understanding of joint pathology and directly influence clinical and surgical decision-making.



Professor Jean-François Budzik

Centre Hospitalier Bretagne Atlantique, Vannes – Université Catholique de Lille, France

Professor Jean-François Budzik is a French diagnostic and interventional radiologist specializing in musculoskeletal imaging. His career has been strongly influenced by the renowned Lille school of musculoskeletal radiology and has consistently combined clinical practice, technological innovation, research, and education.

After completing his training in radiology, he further specialized in musculoskeletal imaging at Lille University Hospital, where he worked as a clinical fellow under the mentorship of Professor Anne Cotten.

From 2010 to 2024, he developed an extensive clinical and academic activity within the Groupement des Hôpitaux de l'Institut Catholique de Lille (GHICL), becoming a leading specialist in diagnostic and interventional musculoskeletal imaging and subsequently Head of the Department of Medical Imaging. Alongside his clinical career, he completed a Master's degree and a PhD Thesis, and was appointed Professor of Radiology at the Université Catholique de Lille in 2018.

In late 2024, Professor Budzik joined the Centre Hospitalier Bretagne Atlantique in Vannes, where he continues to practice diagnostic and interventional musculoskeletal radiology, with particular expertise in image-guided procedures and interventional management of musculoskeletal pain.

During his career, he notably explored diffusion-weighted MRI and diffusion tensor imaging (DTI), nerve and muscle tractography, dynamic contrast-enhanced MRI, bone marrow and muscle perfusion, as well as the applications of dual-energy CT. Author or co-author of more than 100 scientific publications, Professor Budzik has published in leading international journals.

His career, from Lille to Vannes and across the European musculoskeletal imaging community, reflects a continuous commitment to bringing together clinical expertise, research, innovation, and education. Professor Budzik represents a generation of musculoskeletal radiologists for whom technological advances are most meaningful when they translate into better imaging, better clinical decision-making, and ultimately better patient care.