Eva Jakab Toth is a CNRS research director, specialist of the conception and characterization of metal complexes for bioimaging applications. After a PhD in chemistry at the University of Debrecen, she was post doctoral fellow and lecturer at the University of Lausanne and the Swiss Federal Institute of Technology in Lausanne, Switzerland. In 2005, she joined the Centre of Molecular Biophysics in Orléans (France) as a CNRS research director and she became director of this institute in 2012. Eva Jakab Toth is author of 185 scientific publications, 16 book chapters and 3 patents, and presented over 90 invited conferences. She is editor “The Chemistry of Contrast Agents in Medical Magnetic Resonance Imaging” (Wiley, 2001, 2013) a reference book in the field of MRI contrast agents. She was Chair of the European COST Action on “Metal-based systems for molecular imaging applications” and is the coordinator of the French network on Molecular Imaging Agents (~40 partners). Her recent research focuses on highly efficient and smart MRI contrast agents, in particular for the detection of enzymatic activities, neurotransmitters or amyloid peptides.

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