

Isabelle BERRY
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Deputy Director of the Brain and Cognition research laboratory (CerCo UMR 5549 CNRS-Université Paul Sabatier), I.Berry is Professor of the University-Hospital Practitioner of Biophysics and Nuclear Medicine at the CHU of Toulouse, Vice-Dean of the Faculty of Medicine of Toulouse-Rangueil, President of the Scientific Committee of the Faculty of Health, Deputy Vice-President of the University Paul Sabatier Toulouse 3 in charge of interfaces and interdisciplinarity for research.

Her research concerns diffusion magnetic resonance brain imaging MRI and functional neuro-imaging.

After medical training in Paris she gained her MD degree in 1984. She combined a PhD training in Medical Physics in Toulouse and a post-doctoral training at UC San Francisco in neuro-Magnetic Resonance Imaging and Spectroscopy. She was involved in the early clinical work of MRI contrast agents and in experimental works on brain phosphorus spectroscopy. Back in France she worked extensively on experimental brain ischemia early detection with diffusion and perfusion MRI, then on function MRI of brain activation. She is involved since 1990 in the research on multiple sclerosis both at the methodological level and in many clinical trials after contributing to the harmonization of MRI biomarkers for multicentre studies. She is now interested in the contribution of artificial intelligence in the aggregation of these biomarkers with the aim of evaluating their predictive prognostic value.