

Cristina Granziera

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Cristina Granziera obtained a MD at Padova University Medical School (Padova, Italy) in 2001, a PhD in Neuroscience at Lausanne University (Lausanne, Switzerland) in 2007 and the Swiss Neurology board in 2010. In 2011, she was appointed as lecturer at University of Lausanne, where she was promoted to senior lecturer in 2014. In 2015, she joined the Massachusetts General Hospital (MGH) and Harvard Medical school (Boston, MA, USA) as assistant professor in Radiology and assistant in Biomedical Engineering. Since 2018, she holds her current position at USB and UniBas.

The focus of Dr Granziera's research is the investigation of the pathogenesis of neuroinflammatory and cerebrovascular diseases - such as multiple sclerosis, neuroHIV, migraine and stroke- using state-of-the art neuroimaging methods. She is particularly interested in the combination of multiple quantitative MRI contrasts to achieve the highest sensitivity and specificity to brain tissue pathology, as well as in multi-modal approaches like MRI-PET. Her goal is to propose new models of disease impact and innovative tools to study disease evolution, by using the combined information of neuroimaging data, biological and clinical markers of disease.