

I would like to express my gratitude to the France-Stanford Center for giving me the opportunity to join the Department of Neuroradiology at Stanford, chaired by Professor Max Wintermark. During these three months I will work on multimodal brain imaging to improve the reliability in characterizing and managing acute stroke syndrome, which corresponds to an acute brain injury caused by a clot occluding an intracranial vessel.

We already use these imaging modalities to select patients for revascularization strategies, such as the retrieval of a clot occluding an artery, called thrombectomy. Indeed, these technologies were tested and validated in multiple international randomized trials.

We will investigate the relationship between stroke topography and clinical outcome, and in particular the relation between the brain lesion topography and cognitive impairment leading to dementia and disabilities.

I will be trained to use these techniques and analyze both results from Stanford and from other trials, as part of our ongoing research project in Toulouse, France. Being part of Prof Wintermark's team will be a great experience and I would like to thank the France-Stanford Center for its support, making this collaboration possible and we expect to publish our first results within 2018.