

**Dr. Wahbi K. El-Bouri**

is a postdoctoral research assistant in the Cerebral Hemodynamics Group at the University of Oxford. His DPhil (PhD) thesis was in the realm of cerebral blood flow modelling, in particular with regards to drawing a link between the 'unseen', and hence clinically unmeasurable microcirculation, and the clinically measurable parameters from techniques such as MRI. His attempts at plugging this 'imaging gap' have continued into his postdoctoral research where he is currently involved in developing in-silico clinical trials of stroke treatment as part of an EU funded Horizon 2020 project, as well as working on methods to measure intracranial pressure non-invasively, and working on understanding the microvascular role in dementia and cognitive decline. Outside of research Wahbi teaches undergraduate engineering at Keble college, enjoys playing football, and writes short stories in his spare time.