A 4-year PhD studentship funded by Breast Cancer Now is available starting in October 2019 in Prof. Xiaodong Zhang’s laboratory, Section of Structural Biology, Department of Medicine, Imperial College London and in collaboration with Prof. Jo Morris, Institute of Cancer and Genomic Sciences, University of Birmingham. The project will characterise the structural and molecular consequences of germline cancer associated mutations in two major tumor suppressors, the breast cancer susceptibility genes \textit{BRCA1} and \textit{BRCA2}. This project will use a range of molecular and structural biology tools, including cutting-edge cryo electron microscopy techniques coupled with in vivo cellular assays. We aim to find the structural, functional, cellular and physiological consequences of these mutations.

You must be a UK or EU resident with at least an upper second BSc degree or equivalent in Biochemistry or related subject and demonstrated interest and experience in structural biology research and cancer biology. The successful candidate will be a registered student at Imperial College London and will spend time at both Imperial and Birmingham. The project offers excellent multidisciplinary training opportunities and the successful candidate will benefit from extensive support provided by Breast Cancer Now, Imperial College London and University of Birmingham. The funding covers UK/EU student fees and an annual stipend.

Application deadline: March 1st, 2019

For enquiries, please email Xiaodong Zhang (xiaodong.zhang@imperial.ac.uk, http://www.imperial.ac.uk/people/xiaodong.zhang) or Jo Morris (J.Morris.3@bham.ac.uk).