Applications are invited for the following ERC Starting Grant funded research position available immediately:

**Postdoctoral Research Fellowship in Diffusion Tensor Imaging of Arterial Tissue (1/2 year contract)**

The aim of the project is to translate an existing diffusion tensor imaging protocol, used for fibre characterisation within animal arterial tissue, to one suitable for the characterisation of the arterial structure of healthy human carotid arteries.

The researcher will work closely with other members of a multidisciplinary team including PIs, clinicians, postdoctoral research fellows and postgraduate researchers in the Trinity Centre for Bioengineering, the Trinity College Institute of Neuroscience, and St. James’s Hospital Dublin.

Candidate should have a PhD in biomedical imaging, bioengineering, computer science or a related discipline with specific expertise in medical imaging, preferably diffusion tensor imaging, soft tissue testing or tissue modelling experience and computer programming (e.g. Matlab).

To apply for this position, submit a CV with the names and addresses of two referees to tcbe@tcd.ie with the subject heading ‘DTI Postdoctoral Research Fellow’ by April 30th or to:

Dr. Caitriona Lally, PhD
Professor in Bioengineering,
Trinity Centre for Bioengineering,
Trinity College Dublin,
Dublin 2,
Ireland.
Email: lallyca@tcd.ie