



A post-doctoral position to study the role of aldehydes and post-translational modification of proteins in the vascular wall during atherogenesis is available at the Institute of Metabolic and Cardiovascular Diseases, Toulouse (I2MC, INSERM 1048). Financed by the IDEX Toulouse the position is funded for one year. There is no nationality restriction and the working language is French or English.

The project aims to identify the key-contribution of proteins carbonylation to the atherosclerotic process, via targeted consequences on 1/ SMC proliferation and ECM composition; 2/ the activity of survival/protective pathways (autophagy, mitophagy and ER stress) in SMC and macrophages.

Candidates must hold a PhD, applicants with a strong expertise in the area of vascular biology (cell culture, biochemistry, confocal microscopy, immuno-cyto(histo)chemistry) and experience with proteomics approaches using fluorescent based 2D-gel electrophoresis and mass spectrometry methods will be appreciate.

The position is available immediately in the team 10 (Lipids, Peroxidation, Signalling in Vascular diseases) headed by Anne Nègre-Salvayre and Cécile Vindis at the I2MC : <http://www.i2mc.inserm.fr>

Please send full CV including a motivation letter describing past research experience and interest and at least 2 references by email to: cecile.vindis@inserm.fr

