

16th February, 2017

14:30-15:30

Conference room of Bergonie Institute

TRAIL

Translational Research and
Advanced Imaging Laboratory



Oncoprotein activation and dynamics in cancer : a new vision of cancer diagnostics




Pr. Banafshé Larijani, PhD
Ikerbasque Research Professor
Cell Biophysics Laboratory
Bilbao, Spain

Contact
Jean Palussière
Interventional Radiologist
Bergonié Institute, Bordeaux
j.palussiere@bordeaux.unicancer.fr

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**Conference organized by SIRIC BRIO and
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Euskampus-University of Bordeaux.**

Banafshé Larijani is Head of Cell Biophysics laboratory since 2002 at Cancer Research UK, was appointed Senior Scientist in 2013 and in 2014 was awarded an Ikerbasque Research Professorship where she moved her laboratory to the Research Centre for Experimental Marine Biology and Biotechnology (PiE) and the Biophysics Institute-Bilbao, Spain. She holds an adjunct professorship with University of Bath UK and University of Massachusetts, Amherst MA.

Banafshé's laboratory is a cutting edge cross-disciplinary platform, which draws upon the physical sciences to develop novel avenues for investigation of biological processes. Her laboratory has led to paving a unique path by investigating the role of phosphoinositides and their metabolites, both as second messengers and as modulators of membrane morphology.

The outcomes of her fundamental research involving the application of quantitative imaging (FRET-FLIM) for investigating molecular mechanisms of phosphoinositide-modifying and phosphoinositide-dependant enzymes have resulted in their application to various clinical objectives as well as setting up a spin off, FASTBASE SOLUTIONS Ltd.

