
FRANCESC POSAS

CV

PARTICIPANT OF:

GOOD PRACTICES FOR FOSTERING TRANSFORMATIVE RESEARCH IN HEALTH AND LIFE SCIENCES

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Francesc Posas was born in Barcelona in 1968. He graduated in Biochemistry and Molecular Biology from the Universidad Autònoma de Barcelona, where he also obtained his Doctoral Degree in 1995. After a Ph.D working on protein phosphatases and a Post-doctoral stay in Boston (Dana-Farber Cancer Institute) working on protein kinases, in 1999 he established an independent group at the Pompeu Fabra University (Barcelona, Spain), that focuses on the phenomenon that in eukaryotic cells, extracellular stimuli are converted to intracellular signals that lead to a generation of adaptive responses. His group has aimed at comprehensive understanding of the mechanisms for stress sensing and signalling in eukaryotic cells (yeast and mammals). Thus, the main objective of his group has been the study of the molecular mechanisms of signal transduction mediated by stress-activated protein kinases (SAPKs), as well as, to understand the complexity of adaptive responses generated by these enzymes. Recently they have used mathematical models in combination with single cell studies to understand signalling to stress. Furthermore, they have made use of synthetic biology to analyse biological computation. . He has received numerous Awards and recognitions, such as EMBO (European Molecular Biology Organization) Young Investigator (2000), the European Young Investigators Award (2004) and the DURSI Government of Catalonia award to outstanding young researchers.

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