



Science For A Better Life

HealthCare

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Lucia Rosano wants to make the world a better place - for everyone. As a bioscientist at Bayer, Lucia knows she is doing just that. Searching for solutions and never giving up. That is the passion that unites all of us at Bayer. We call it the Bayer Spirit. If you feel it, too, then it is high time we had a chance to talk about a career at Bayer.

Postdoc within the IMI EU consortium PREDECT

Bayer Pharma AG, Berlin, Germany

PREDECT is a unique European IMI-funded partnership between academic and industrial partners, aiming to develop novel, advanced, complex in vitro and in vivo models for breast, prostate and lung cancers that represent, with better fidelity, the complexity of a human tumor in situ and should lead to greater predictivity of clinical efficacy.

Job description Bayer Pharma AG participates in PREDECT with a focus on the development and evaluation of improved in vivo and in vitro /ex vivo models for breast cancer research. Within this project there is a unique opportunity for a postdoctoral fellow to work at a cutting-edge public private interphase. Based on existing xenograft and syngeneic tumor models tissue slice culture technology and complex spheroid co-culture systems using tumor and stromal cells will be established and applied to novel GEMMs in close collaboration with other consortium members. The aim of the project is an in depth characterization of the above mentioned models and evaluation of their predictivity including the analysis of cellular and molecular responses to genetic perturbations or to targeted therapeutics. As postdoctoral fellow, you will be responsible for project planning, design and set-up of experiments, analysis and reporting and actively participating in PREDECT meetings in close collaboration with the principal investigator and consortium collaborators.

Your qualifications You hold a PhD in the field of molecular biology, cell biology, cancer biology, or biochemistry and have a demonstrated track record of innovative scientific publications. You have already gained expertise in in vitro and in vivo cancer models as well as a sound knowledge of cellular signaling pathways. You show ambition, commitment and effective communication skills and act as a teamplayer. To excel in an international environment, a very good command of spoken and written English is essential.

Your application We offer a postdoc position initially for two years with the possibility of an extension for a 3rd year. Initial training will be provided at the University of Helsinki and other PREDECT consortium members as appropriate. Applications for this position should be made online (Reference Code 0000038022) at www.myBayerjob.de, submitting a letter of motivation, CV and contact information of 2-3 references. Please contact Dr. Sylvia Gruenewald for further information (email: sylvia.gruenewald@bayer.com).

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