



Research projects available for Erasmus plus students at the Department of Biosciences- Università degli Studi di Milano

"Signalling mechanisms that enable plants to survive drought : the central role of Ubiquitin in light perception and hormonal responses" . Dr Lucio Conti (lucio.conti@unimi.it)

"3D structure based development of small-molecule inhibitors versus emerging and neglected RNA viruses". Prof. Martino Bolognesi **available starting from September 2016**

"Brain disorders: genetic murine models". Dr Alida Amadeo (alida.amadeo@unimi.it) **available starting from January 2017**

"Drosophila as a model of neurodegenerative diseases (DRONEURO)" Dr. Maria Enrica Pasini (maria.pasini@unimi.it) **available starting from September 2016**

"Melioidosis vaccine development: X-ray crystallographic studies of *B. pseudomallei* antigens and structure-based epitope discovery and design". Dr Louise Gourlay (louise.gourlay@unimi.it)

"Neurodegeneration and systemic amyloidosis: a biochemical and biophysical approach to investigate protein misfolding". Prof. S. Ricagno (stefano.ricagno@unimi.it)

"Quality and quantity of water intake: prevention of nephrolithiasis". Prof Laura Soldati (laura.soldati@unimi.it)

"Study of the bioavailability of a supplement containing concentrated fruits and vegetables". Prof Laura Soldati (laura.soldati@unimi.it)

"Role of signal molecules in virulence, antimicrobial resistance and interaction with the host in Gram negative bacteria". Prof Paolo Landini (paolo.landini@unimi.it)

"Regenerative phenomena in echinoderms: cellular, molecular and evolutionary aspects" Dr Michela Sugni (michela.sugni@unimi.it)

"Genetic and Epigenetic control of Ovule primordia formation". Prof Lucia Colombo (lucia.colombo@unimi.it; <http://users.unimi.it/plantdevumil/>)

"The importance of being DNA: how ribonucleotides in the genome are involved in pathogenesis of the Aicardi-Goutières syndrome and other autoimmune diseases". Dr Federico Lazzaro (federico.lazzaro@unimi.it)

"Structure-function studies of medically and biotechnologically relevant flavoenzymes" Prof. Maria Antonietta Vanoni (maria.vanoni@unimi.it) (see <https://drive.google.com/file/d/0BzeFe24Vfe0UjFRVXpUSXFtMVU/view?usp=sharing>)



UNIVERSITÀ DEGLI STUDI DI MILANO
DIPARTIMENTO DI BIOSCIENZE

