Erasmus+ Traineeship

EMPLOYER INFORMATION	
Name of Organization	University of Murcia
UMU Contact Person and e-mail	José Ginés Hernández Cifre jghc@um.es
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ENTERPRISE JOB DESCRIPTION	
Name of enterprise	At the University of Murcia (UMU): MELANOCYTES / GRUPO DE MELANOCITOS At the Instituto Murciano de Investigación Biosanitaria (IMIB): Control of cell proliferation and differentiation / Grupo de Control molecular de la proliferación y diferenciación (IMIB/GI2010/104)
Duration	From 3 to 9 months
Working Hours	Around 35 h/week

Project Description	The student will be involved in a Project aiming at the characterization of the roles of two genes expressed by cutaneous melanocytes on melanoma susceptibility and on the phenotypic characteristics of human melanoma cells. More specifically, she/he will join PhD students and post-doctoral fellows to study the contribution of MC1R and MGRN1 to genomic stability and melanoma initiation and progression, with emphasis on the effects of the MC1R genotype, the levels of MGRN1 expression and the identification of functional partners of these proteins.
Tasks of the Erasmus intern	The successful applicant will perform research on the MC1R and/or MGRN1 interactomes aiming at the identification of partners involved in cell cycle regulation and/or DNA damage sensing and repair.
Requirements	The applicant must have a fair background in biochemistry and molecular biology and a good level of English language. Basic laboratory skills are also required.
What do we offer	Our team has a previous record of hosting Erasmus students from The Netherlands and Germany, that completed successfully their academic and research programs, many of which co-authored research papers in prestigious journals. We offer immediate incorporation to an active project supported by national competitive funding. The student will benefit from large laboratory space, modern research facilities and from teamwork with highly competent PhD students and post-doctoral researchers, under the close supervision and guidance from senior personnel and in a friendly, collaborative environment. She/he will acquire expertise in most basic molecular/cellular biology techniques, as well as in more specialized techniques such as confocal microscopy, DNA damage analysis and others.
Website	At UMU: https://curie.um.es/curie/catalogo-ficha.du?seof_codigo=1&perf_codigo=10&cods=E060*06 At IMIB http://bioquimica.imib.es/grupoinvestigacion/index.jsf Contact: Prof. José Carlos García-Borrón (gborron@um.es)