



Erasmus+ Traineeship

EMPLOYER INFORMATION	
Name of Organization	University of Murcia
UMU Contact Person and e-mail	Pablo González Herrero: pgh@um.es José Antonio García López: joangalo@um.es Juan Gil Rubio: jgr@um.es
UMU Address	Departamento de Química Inorgánica, Facultad de Química, Campus de Espinardo
UMU Telephone	+34 868 887097 (P. González), 868 884143 (J. A. García), 868 887456 (J. Gil)

ENTERPRISE JOB DESCRIPTION	
Name of enterprise	Study of new catalytic and photocatalytic reactions catalyzed by transition metal organometallic complexes
Duration	From 3 to 12 months
Working Hours	Around 30 h/week
Project Description	The aim of the project is the development of new efficient and environmentally friendly transformations of organic compounds using late transition metal complexes as catalysts or photocatalysts.



Tasks of the Erasmus intern	The student will synthesize and structurally characterize new organometallic or coordination complexes of the late transition metals, mainly palladium and platinum, and investigate the application of these complexes as catalysts or photocatalysts in reactions with potential application in Organic Synthesis.
Requirements	The applicant must have a fair background in inorganic, organometallic and organic chemistry. It is advisable to have basic laboratory skills in organic synthesis, as well as in the interpretation of NMR spectra. A good level of English is required.
What do we offer	The successful applicant will join a research team composed by senior researchers, postdocs, PhD, master and undergraduate students in a collaborative and friendly atmosphere. We offer a fully-equipped laboratory and access to the instrumental facilities of the research support service of the University of Murcia. The work of the student will be continuously guided and supported by senior members of the team.
Website	Website of the group: https://www.um.es/gqo/ Twitter: @Gqolab Information at the University of Murcia research groups list: https://curie.um.es/curie/catalogo-ficha.du?seof_codigo=1&perf_codigo=4&cods=E046*03



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