

CGU STELLA Junior 2018
Mobility and training programme for students

PLACEMENT OFFER FORM UBU04

HOST UNIVERSITY INFORMATION

Name of the institution	Universidad de Burgos
Address	C/ Hospital del Rey, s/n
Telephone	+34 947 259 043
Website	www.ubu.es

TRAINING PLACEMENT INFORMATION

Department	Chemistry
Description of activities	<p>1-Preparation of inorganic molecular materials, as directed by the researchers, for:</p> <ul style="list-style-type: none"> -In vitro and, where appropriate, in vivo testing of the antiproliferative activity of prepared materials (with pharmacological application in mind: antitumour, antifungal, antibacterial) - The preparation of organic-organic hybrid materials with chromogenic properties (thinking of sensors with different application possibilities: environmental pollution control, occupational safety, civil safety or food safety by different chemical agents or pathogens such as fungi or bacteria) <p>2- Preparation of organic-inorganic hybrid materials containing inorganic molecular materials with antiproliferative activity, as indicated by the researchers, for:</p> <ul style="list-style-type: none"> -In vitro and, where appropriate, in vivo testing of the antiproliferative activity of prepared materials (with the application of materials in biomedicine in mind) <p>3-Preparation of organic-inorganic nanomaterials for teenagers, , as indicated by the researchers, for:</p> <ul style="list-style-type: none"> - In vitro and, where appropriate, in vivo testing of the antiproliferative activity of prepared materials (thinking about the pharmacological application, biomedicine: antitumour, antifungal, antibacterial) <p>4- Use of analytical techniques and databases to characterize the purity and other properties of prepared materials</p>
Working language	English, Spanish
Location	Facultad de Ciencias / Laboratorio de Química Inorgánica/Orgánica
Duration (minimum of 15 days)	From: 15/09/2018 for 3 months
Training hours / week	Mornings/Afternoons
Number of placements	2
Does the university provide accommodation?	<input type="checkbox"/> No
Does it offer any grant/stipend?	<input type="checkbox"/> No

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Placement offer for	<input type="checkbox"/> First call
CANDIDATE'S PROFILE	
Maximum age limit	Not applicable
Skills required	Autonomous work, use of scientific databases, basic understanding of scientific articles, work in the laboratory of synthesis and characterization of chemical compounds, writing of scientific results report
Degree (master, PhD, Post Doc)	Master, PhD