UNIVERSITAT ROVIRA i VIRGILI
Fundació URV

Data: 03/06/2025

CONVOCATÒRIA DE BECA DE PROJECTE

B-2025/020

BECA DE PROJECTE

METHODOLOGICAL STUDIES ON C-B BOND FORMATION FOR SP3 RICH TARGET COMPOUNDS

TASQUES FORMATIVES DE LA BECA

We plan to study in this project the developed of a new methodology to prepapre 1,1-diborylalkenes.
The new products will be explored to conduct cyclization/polyfunctionalization pathways, with the aim to generate tetrasubstituted carbons that might incorporate heterofunctional substituents.
Tasks
The selected person will support:
Synthesis of 1,1-diboryl alkenes and Cu-activation
Electrophilic trapping and substrate scope
Cyclization reactions
Polyfunctinalizations

All these tasks will complement their academic training and will be directly supervised by the principal investigator, as well as related to the achievement of basic competences defined in the curriculum.

COMPETÈNCIES ASSOCIADES A LES TASQUES FORMATIVES

We guarantee a training programme with the aim to provide her the ability to work and think independently in research to broad the knowledge and fostering skills and interdisciplinary relations. She will have a meeting with Elena Fernández.

AC1, AC2, AC3, AC4, AC5, AC6 AC7, AC8, AC9, BC1, BC2, BC3, BC4, BC5, BC6, BC7.

PERFIL DE LA PERSONA CANDIDATA

Graduat/da en Quimica i personal estudiant de máster

REQUISITS

Anglès i domini RMN

OBSERVACIONS

Beca comptatible amb máster

CARACTERÍSTIQUES DE LA CONVOCATÒRIA

Nº de beques: **1**

Retribució bruta mensual: **1414.3 €**

Hores setmanals: **36:30 h**

Data inici: **01/08/2025** Data final: **30/09/2025** (durada màxima: 12 mesos)

Ubicació desenvolupament: **Laboratori 216, Departamanet Química Física i Inorgànica**

Perfil d'Activitat URV: **4. Activitat experimental química**

EPI's: **Bata i ulleres**

Correu electrònic on rebre els Cv's: **mariaelena.fernandez@urv.cat**

Data límit recepció Cv's: **30/06/2025**