

Offre d'emploi:

Poste permanent d'Assistant de Laboratoire (équivalent Ingénieur d'Etude) à l'Université de Munich, en chimie de synthèse automatisée sur support solide

Salaire mensuel brut d'embauche de 2600 à 3000€ selon qualification. Période d'essai jusqu'à deux ans.

Description of position

In the context of the research program of the chair of chemical biology, a main mission will be to run automated solid phase synthesizers of aromatic oligoamides to serve the various projects of the group, including the adaptation and optimization of the protocols. Another main contribution includes the implementation of HPLC analysis and purification. The position will thus interface analysis and instrument management skills.

The technician's activities will encompass (1) planning and implementing automated syntheses; (2) controlling and maintaining the automated synthesizers; (3) implementing analyses and purifications by RP-HPLC; (4) controlling and characterizing the synthesized molecules using routine spectroscopic techniques; (5) writing down experimental protocols in English; and (6) properly maintaining a laboratory notebook. The technician will also (8) oversee that hygiene and safety rules are well respected in the laboratory and show best practices; (9) contribute to the maintenance of chromatographic instruments.

Required competences

General and theoretical knowledge: General knowledge of chemistry and in particular of peptide chemistry. General knowledge of methods used to purify (chromatographic techniques) and identify (nuclear magnetic resonance, mass spectrometry) of synthesized organic molecules.

Practical know-how: Master the technical principles of solid phase peptide synthesis. Master HPLC analysis and purification methods. Handle reagents and implement chemical techniques while respecting hygiene and safety rules.

Language skills. The group provides an international environment and a very good command of oral and written English is indispensable for daily use. The technician should be comfortable reading and writing technical documents and experimental protocols in English. Knowledge of German is not required.

Other skills. Work in interaction with the research group. Use bibliographic research tools. Interact with instrument suppliers and maintenance and after sale services. Anticipate on needs for parts, consumables and reagents. Have a good knowledge of hygiene and safety rules. Have a good knowledge of the risks associated with the techniques and reagents used. Have a good understanding of the organization of the laboratory and of its research program to understand the stakes and objectives of analyses and purifications.

Please address your application by email to

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