



Chargé(e) de Recherche et Innovation (H/F) / Senior Scientist Research & Innovation (M/F)

Réf ABG-123642

Emploi Confirmé

22/05/2024

CDI > 45 et < 55 K€ brut annuel

Laboratoire des Courses Hippiques (GIE LCH)

Lieu de travail

Verrières-le-Buisson - Ile-de-France - France

Champ scientifique principal

Chimie

Champs scientifiques secondaires

Biochimie

Mots clés

Docteur, R&I, R&D, spectrométrie de masse, protéomique, chimie analytique, validation

Fonction

Recherche et Développement

Employeur

ABG supports the Laboratoire des Courses Hippiques (GIE LCH) in the recruitment of a Senior Scientist Research & Innovation in peptide/protein identification by mass spectrometry, under permanent contract.

What is the core business of GIE LCH ?

With around 50 years of experience, the GIE LCH in FRANCE, a non-profit organization, is at the forefront of analytical chemistry for doping control analyses of racing horses, to ensure fair competition and animal welfare for Horseracing Authorities and Equestrian Federations.

Located at Verrières-le-Buisson (south of Paris), our Internationally recognized laboratory performs the analysis of approximately 60 000 samples per year thanks to numerous and diverse analytical setups, mostly composed of mass spectrometers (HRMS/QQQ) coupled to chromatography (LC, GC, IC) and our staff is composed of 60 employees. Finally, the laboratory is a member of Sciences Animales Paris-Saclay (SAPS) with numerous national and international collaborations.

The R&I team consists of about 10 people with state-of-the-art equipment in the field of analytical chemistry such as mass spectrometry and chromatography technologies. The team has access to the Goustranville Equine facilities (International Horse Campus) to evaluate the performances of the developed methods. It also collaborates with other doping control laboratories around the world.

Why join GIE LCH and R&I Team ?

Work with a great team composed of experts in their field.

What do you expect from this future recruitment ?

We expect a motivated person in order to develop new analytical methods to detect possible new emerging molecules and optimize existing methods. The applicant should be able to write publications relating to their work. Team building skills and transversal communication competences are essential.

Site web : <https://www.fnch.fr/national/le-laboratoire-des-courses-hippiques>

Poste et missions

The laboratory is recruiting a Senior Scientist, who will work as a manager in the Research and Innovation (R&I) team, composed of the Director, technical managers, bio-informatician and technicians.

Under the supervision of the R&I Director, the Senior Scientist manage human and technical resources of several projects to contribute to the doping control analyses :

- Management : technician working on proteomics/peptides and students (Master, PhD)- Research fundings (IFCE, ...)-Technologies : high throughput analyses, microLC, ionmobility applied to biological matrices (blood, urine, DBS) and non-biological matrices (straw...)- Contribute also actively to the scientific communication (publication of scientific articles, talks in international conferences etc.)- Examples of current and future projects : innovation project on TIMSToF, set up database of equine fluid antibodies ...

International travel could be required from time to time.

A wide range of benefits are available (holiday/culture/restaurant vouchers, company savings plan..) as well as sharing convivial moments between colleagues.

Particular attention is given to staff training and skills development.

Start date : as soon as possible

Mobilité géographique : Internationale

Télétravail : Occasionnel

Profil

You have a PhD in analytical chemistry or biochemistry.

You have solid knowledge in mass spectrometry (high resolution mass spectrometer HRMS-Orbitrap / Q-TOF / QQQ) and you are familiar with mass spectrometry software (Xcalibur,DataAnalysis, , etc). Conveniently, you have minimum 5 years of experience in trace-level detection of compounds (small molecules and/or proteins/peptides) using targeted and/oruntargeted techniques.

You are fluent in English and able to conduct written and oral scientific/technical discussions.

You have publications in peer-reviewed journals in this field.

A first management experience is expected.

The following skills would be a plus :

-Solid abilities in liquid chromatography (UHPLC, microflow, nanoflow)

-Skills in data visualization employing Skyline/R/Python

You are autonomous, rigorous in your approach, your analyses and in the management of projects. You have an inquisitive mind and you are inventive and critical in searching solutions. You also have a facility for communicating with different types of contacts and working as a team.

Your interest in analytical chemistry is a key motivation to join a laboratory at the forefront of anti-doping research with a dynamic team.

Éléments à fournir pour la candidature

Please apply via the link below on the ABG website :

https://www.abg.asso.fr/fr/candidatOffres/show/id_offre/123642/job/charge-e-de-recherche-et-innovation-h-f-senior-scientist-research-innovation-m-f

Please send your **full CV**, a **cover letter** explaining your strengths and motivation for this position and your recommendations.

Recruitment process :

Step 1: The ABG will contact you upon receipt of your application.

Stage 2: A Phone interview in French and English is planned with the ABG for pre-selected applicants.

Stage 3: Selected applicants by GIE LCH will be interviewed by the team (visio or face-to-face).