

## Senior Scientist Research & innovations

With more than 45 years of experience, the Laboratoire des Courses Hippiques (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 liquid chromatography (UHPLC, GC, IC) and our staff is composed of 60 well-trained employees. Finally, the laboratory is a member of Sciences Animales Paris-Saclay (SAPS) with numerous national and international collaborations.

For more information, please visit <https://www.fnch.fr/national/le-laboratoire-des-courses-hippiques>

The laboratory is recruiting a Senior Scientist, who will work as a manager in our Research and Innovation team composed with several technologies (high throughput analyses, microLC, ion-mobility) applied to biological matrices (blood, urine, DBS). The candidate should have graduated with his/her Ph. D. in analytical chemistry and have demonstrated experiences in trace-level detection of drugs (small molecules and/or proteins/peptides) using targeted and/or untargeted techniques, from sample preparation, validation to publications in peer-reviewed journals. She/he possesses solid abilities in mass spectrometry (Orbitrap/QTOF/QQQ), liquid chromatography (UHPLC, microflow, nanoflow), and is familiar with mass spectrometry software (Xcalibur, DataAnalysis, Skyline, etc). Skills in data visualization employing R/Python would be appreciated. Candidate must be fluent in English (spoken and written) demonstrated by publications in peer review journals.

Please send your full CV, cover letter and recommendations to [recrutement@lchfrance.fr](mailto:recrutement@lchfrance.fr) and mention "LCH-Senior R&I" as reference before 16 February.

**The position could start in February/ March 2024.**