



Post-Doctoral Scientist

CDD (91)

Réf : LCH-POSTDOC

With more than 45 years of experience, the GIE LCH Laboratoire des Courses Hippiques is at the forefront of cutting-edge analytical chemistry for doping control analyses of racing horses, to ensure fair competition and animal welfare for French and International Racing Authorities. Located at Verrières-le-Buisson in Essonne (south of Paris), our Nationally and Internationally recognized laboratory performs the analysis of approximately 35 000 sampled horses 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/laboratoirecourses-hippiques>

The laboratory is recruiting a post-doc for a one-year mission, who will evolve in our Research and Innovation team to profit from breakthrough technologies (high throughput analyses, microLC, ion-mobility) to reach unprecedented levels of detection of exogenous proteins and peptides in 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 proteins/proteotypic peptides using targeted and/or untargeted proteomics techniques, from sample preparation to publications in peer-reviewed journals. She/he possesses solid abilities in mass spectrometry (Orbitrap/QTOF/QQQ), liquid chromatography (UHPLC, microflow, nanoflow), knowledge in ion-mobility, and is familiar with mass spectrometry software (Xcalibur, DataAnalysis, Skyline, etc). Advanced skills in statistical analyses and data visualization employing R/Python would be appreciated. Candidate must be fluent in English (spoken and written) and, if possible, able to have discussions in French.

The selected candidate will benefit from numerous advantages such as Tickets-Restaurants and Chèques-Vacances. Please send your CV/resume, cover letter and recommendations to recrutement@lchfrance.fr and mention "LCH-POSTDOC" as reference before August 31st, 2023. The mission is scheduled to start on October 1st, 2023.

Laboratoire des Courses Hippiques (GIE-LCH)
15 rue de Paradis 91370 VERRIERES LE BUISSON FRANCE
TEL : 33 1 69 75 28 28 e-mail : recrutement@lchfrance.fr