



ASSOCIATE DIRECTOR

Company Description

Anti-Doping Research is a dynamic new force in the fight against doping in sports. It was founded in 2005 by Don Catlin, M.D., and colleagues as an organization dedicated to addressing complex doping issues through novel approaches to research and testing. Current areas of research include improving detection methods for human growth hormone (hGH) and erythropoietin (EPO, a blood booster), two powerful and effective therapeutic drugs abused by athletes for doping purposes. ADR also performs analytical testing of biological samples and supplements (powders, capsules, liquids...) for steroids, stimulants or other banned substances. Thanks to our partners in the horseracing industry, we also apply our extensive experience in human doping to improving the equine testing environment. Clients include major sports organizations, pharmaceutical companies, and various horseracing groups in the United States.

Job Description – Duties & Tasks

Under the tutelage and direction of Don Catlin, the Associate Director will oversee the research and testing activities at ADR. This will include leading the development and application of state of the art analytical techniques for the latest generation of doping agents. The individual will play a significant role in experimental design and performance of related scientific tasks as required and as determined in conjunction with senior management. Organize, supervise and develop research scientists and associates in the pursuit of company goals. Manage special analytical projects from inception to completion including corresponding with clients on scientific matters related to the project. Ensure that all elements of the analytical process are accounted for including supply management, chain of custody documentation, report format and distribution procedures and other related actions. The employee will be asked to regularly exercise individual judgment and independent management. The person must be able to apply advanced instrumentation knowledge to the pursuit of research and analytical objectives. Advise company management as appropriate.

Qualifications – Skills, Knowledge and Abilities

The individual is required to have extensive and applicable knowledge of the analytical techniques used in anti-doping as described below. The individual must have advanced knowledge of drug chemistry, structure and metabolism. Deep understanding of chemistry and extraction techniques from various sample media (urine, blood, powders...) is required as is specific instrument ability in mass spectrometry (GCMS, LCMSMS), protein manipulation and identification techniques, or other related topics. An advanced scientific degree with at least 7-10 years of demonstrated experience is required. Supervisory experience is mandatory. Familiarity with SOP and laboratory accreditation is desired. Knowledge and experience with carbon isotope ratio analysis (GC-IRMS) or protein analysis techniques such as SDS-PAGE, Western blot and/or IEF is desired as is specific knowledge of hGH or EPO isolation and characterization. Experience using an LTQ Orbitrap mass spectrometer is also an advantage.

Candidates should forward their curriculum vitae or any additional inquiries to Oliver Catlin by email at ocatlin@antidopingresearch.org