

Research Scientist Pharmaceutical Analytical Chemistry

Project employment, max. 2 years, at Kantisto BV, the Netherlands

Job description

The research scientist will develop and optimize Capillary Electrophoresis (CE) based methodologies for analytes in cell culture fermentation processes for biopharmaceuticals. The work is part of an analytical platform development and includes method transfer and adaptation of the methods to a chip-based platform.

The project employment is within the framework of the EU Horizon2020 financed iConsensus project. iConsensus will provide innovative analytical, hardware, software and high-throughput (HTP) solutions for the development, monitoring and control of mammalian cell cultivation process producing biopharmaceuticals. iConsensus will develop an analytical platform with on-line/at-line sensors and detection methods measuring multiple factors in the cell culture and product quality attributes. Under advanced data management, the analytical platform will be integrated in new microbioreactors for HTP screening on one hand and in classical stirred tank vessel bioreactor on the other hand. Based on the analytical information, feedback control will be applied. When deemed suitable, implementation in GMP production of the sensing and control tools will be carried on.

Collaboration with iConsensus partners is an important task of the research scientist. The practical work will be performed in the laboratories of one of the iConsensus partners in Nijmegen, the Netherlands. The starting date is October 2018.

Qualifications and competences

The applicant should have a MSc or PhD in Analytical Chemistry with proven experience of Capillary Electrophoresis for pharmaceutical analysis and good CE working practices. You enjoy both hands-on and theoretical work and have a clear vision on fit-for-purpose methodologies. Experience with chip-based systems, analysis of process-control samples, CE analysis of proteins, protein/virus sample pretreatment or Analytical Quality by Design is advantageous.

Good collaboration capabilities and independence are a requisite. You can work both in a team and individually and you are enthusiastic and comfortable in a dynamic environment. Good skills in oral and written communication in English are necessary. You communicate clearly at all levels and can get your thoughts, ideas and knowledge across in a helpful way. Your planning and organization skills allow you to have an overview of the necessary work and you are able to meet deadlines.



Application

The application has to include a Curriculum Vitae, a letter of motivation, contact information to three references and proof of education level. The application deadline is 21st May, 2018.

Kantisto BV

Kantisto BV is a consultancy in the area of pharmaceutical analytical chemistry and specialized in Capillary Electrophoresis. The iConsensus project is an extension of the current activities of Kantisto BV.

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