



Job description: Biochemistry Unit - Scientist (Ref. Biochem_2016)

Bresso, May 2016

Axxam is a leading provider of integrated discovery services for the entire Life Sciences industries such as Pharmaceutical, Crop protection, Animal health, Cosmetics and Nutrition. We have a strong expertise across a broad range of discovery disciplines and innovative technologies including: assay development, compound management, HTS, hit identification and hit validation. Axxam is also engaged in developing novel innovative therapies for diseases with a high unmet medical need. An open and dynamic working environment supported by an industrialized organization ensures high-quality results.

Axxam is opening a position for a scientist, to join the group of Biochemistry. The position will require strong scientific and technical expertise and proven track records of recombinant protein expression and purification, and of development of biochemical assays suitable to be configured for high-throughput screening, as well as an excellent understanding of the underlying molecular mechanisms.

The experienced biochemist will be responsible to contribute to devise the project strategy, to express the recombinant proteins in heterologous expression hosts (bacterial and eukaryotic, preferably insect cells) and to purify the protein products through different chromatographic techniques. Besides, the successful scientist will develop homogeneous assays in miniaturized format. The assays will be intended to measure the catalytic activity of the purified enzymes and the assembly of heteromultimeric complexes. The assays will be applied in high-throughput screening campaigns and to assess potency, selectivity and mechanism of action of small molecule modulators. The position will require extensive collaboration with colleagues and strong communication skills with internal and external partners.

Major responsibilities:

- Design and accomplishment of recombinant protein expression and purification
- Devise and implementation of functional assays for high-throughput screening and downstream hit characterization with fluorescence and luminescence-based readout systems
- Design of the experiments, analysis of the data, interpretation of the results, identification of problems and proposal of alternative plans
- Support to colleagues for collaborative projects
- Keep pace with the technology and scientific developments and ensure scientific innovation
- Ensure reliability, accuracy, robustness and high quality for data and reports

Required knowledge and skills:

- Degree in Biology, Pharmacological Sciences or related Life Sciences Academic Faculties with at least five-year post-graduate experience in Biochemistry and related disciplines, preferably in an industrial environment
- Extensive experience in eukaryotic cell culture, and in recombinant protein expression and purification using FPLC systems
- Significant expertise in biochemistry, epigenetics, enzyme kinetics preferably applied to drug discovery projects for epigenetic targets
- Proficient user of Microsoft Word, Excel and PowerPoint. Knowledge of GraphPad Prism and other data analysis software are a plus
- Ability to work effectively under strict deadlines within a team framework in cross-functional projects as well as independent scientist
- Effective communications with colleagues at all levels and with external partners
- Adherence to protocols and to corporate policies on Quality and Health & Safety
- Fluency in English, written and spoken

Axxam is an equal opportunity employer

Axxam offers a stimulating work environment and a competitive salary. If your background and personal experience fit this profile, please send your complete application, including cover letter including a brief description of your experience, your CV and a list of references to the address below or upload it at our on-line contact centre: <http://www.axxam.com/careers/job-listing>. Please, include in the message subject "Ref. Biochem_2016" and add to your CV the following statement: "I hereby grant permission to use my personal data in accordance with the Italian Leg. Dec. 196/2003".

Axxam S.p.A.

OpenZone - via Meucci 3 - 20091 Bresso (Milano, Italy)

Fax +39 02 2105602 – www.axxam.com