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Research Chemist-Chemist synthesis (Organic/Medicinal Chemist)

Biosynth Carbosynth is an international pharmaceutical company dedicated to cutting-edge research, pharmaceutical services in partnership with pharmaceutical and biotechnology companies and institutes, nationally and worldwide.

Position Summary

The Research Chemist – Chemist Synthesis would have a role in all aspects of organic fine chemical products, sugar, polysaccharide, nucleoside, carbohydrate and drugs, in support of research and synthesis goals.

The Chemist role is a lab-based position involving hands on synthesis, analyses and problem solving to support new and existing products.

In this role the Chemist is responsible for innovating new products; developing new processes; executing laboratory scale synthesis; quantitative analyses using HPLC, FTIR, NMR, GC, MS, KF and other analytical techniques.

The Chemist is also expected to work independently and within international team to initiate plan and carry out exploratory research projects.

The Chemist will be responsible for a team of 10 people in R&D and QC lab.

Required Qualifications

- PhD Degree in Chemistry, Organic synthesis or related field
- Minimum of 6 years of professional or post-doctoral research experience in chemistry and/or a pharmaceutical field
- 3-5 years' experience in drug design and synthesis
- Experience performing organic chemical synthesis including designing chemical synthesis pathways, recognizing and identifying reaction by-product and developing structure-performance relationships. The scale of the synthesis may range from milligrams to 100's grams.
- Expertise with a wide range of synthetic chemistry is essential which may include carbohydrates and nucleoside synthesis
- Strong interpersonal skills. Able to work with people of varying technical backgrounds. Keen to mentor other scientific personnel and lead by example
- Ability to work both independently and collaboratively in a multidisciplinary environment
- Excellent organizational and communication (written and verbal) skills needed to document, interpret and communicate technical results to colleagues and customers.

- Manage budget and product costs.
- Ability to scale up active compounds with high purity, identify structure using NMR, HPLC, GC and Mass Spectroscopy.
- Good data analysis skills and knowledge of statistical methods.
- Ability to conduct experiments with a high degree of accuracy and precision.
- Experience handling chemicals in the lab according to current safety regulations and guidelines.
- Knowledge of Good Laboratory Practice (GLP).
- Comply with ISO certification requirements.
- Manage senior chemists in R&D lab and QC lab
- Ability to work independently on non-routine experiments and apply scientific principles to the design and execution of exploratory projects.
- Responsible for lab equipment maintenance

化学合成研究员（有机/药物研究员）

Biosynth Carbosynth 是一家致力于前沿研究、制药服务的国际制药公司，与世界各地的制药和生物技术公司及研究所开展合作。

主要职责

化学合成研究员 将在有机精细化学品、糖、多糖、核苷、碳水化合物和药品的研究和合成方面扮演重要角色。

此职位是一个涉及化学合成的实验室职位，分析并解决问题以支持新产品和现有的产品。

在担任这一职务时，化学合成研究员将负责产品的创新，开发新工艺，执行实验室规模的合成，并使用 HPLC、FTIR、NMR、GC、MS、KF 及其他分析技术进行定量分析。

研究员还应独立地在国际团队内开展工作，以启动规划和开展探索性研究项目。

研究员将负责研发实验室和质量控制实验室的 10 人团队。

任职要求

- 化学、有机合成或相关领域的博士学位。
- 至少有 6 年化学和/或制药领域的专业经验或博士后研究经验。
- 3-5 年的药物设计和合成经验。
- 从事有机化学合成的经验，包括设计化学合成路径、识别和确认反应副产品以及发展结构-性能关系。合成量从毫克到克级别不等。
- 具有多种合成化学的专业知识，其中可能包括碳水化合物和核苷合成。
- 较强的人际交往能力。能够与不同技术背景的人一起工作，热心指导其他科学人员，以身作则。

- 能够在多学科环境中独立和协作工作。
- 在记录、说明和传达技术成果给同事和客户时，有优秀的组织和沟通（书面和口头）技能。
- 管理预算和产品成本。
- 能够放大高纯度活性化合物，使用 NMR、HPLC、GC 和质谱仪识别结构。
- 良好的数据分析能力和统计学方法知识。
- 能够进行高准确性和高精确性的实验。
- 有依据当前安全法规和准则在实验室中处理化学品的经验。
- 了解实验室管理规范。
- 遵从 ISO 认证要求。
- 管理研发实验室和质量控制实验室的高级研究员。
- 能够独立进行非常规实验，并将科学原理应用于探索性项目的设计和执行。
- 负责实验室设备的维护。