CareerCross

Associate Scientist/Principal Scientist Process Engineering P…

武田薬品工業株式会社での募集です。 プラントエンジニア（電気）のご経験のある方…

Job Information

Recruiter
JAC Recruitment Co., Ltd.

Hiring Company
武田薬品工業株式会社

Job ID
1465118

Industry
Pharmaceutical

Job Type
Permanent Full-time

Location
Kanagawa Prefecture

Salary
5.5 million yen ~ 9 million yen

Work Hours
09:00 〜 17:45

Holidays
【有給休暇】有給休暇は入社後4ヶ月目から付与されます 初年度 12日 4か月目から 【休日】完全週休二日制 土 日 祝日 年末…

Refreshed
June 22nd, 2024 05:00

General Requirements

Career Level
Mid Career

Minimum English Level
Business Level

Minimum Japanese Level
Native

Minimum Education Level
Bachelor's Degree

Visa Status
Permission to work in Japan required

Job Description

【求人No NJB2186975】
Job Description

Synthetic Molecule Process Development （SMPD） is responsible for the development of robust and cost effective processes for the manufacture of new small molecule pharmaceuticals along with methods for achieving and controlling high standards of purity and quality.

How you will contribute:

The successful candidate will be responsible for all aspects of reaction particle engineering including the development of scale down models for the study of unit operations as well as technical transfer to external contract manufacturing organizations. He/ she will have deep experience in using process analytical technologies （PAT） in combination with mathematical models （both statistical first principle） to enhance process understanding to effectively develop/ optimize/ scale up and troubleshoot processes. The Senior Engineer will have experience building scale down equipment and developing innovative advanced process control strategies for both batch and continuous processes.

He/ she will be recognized as a technical resource/expert within SMPD and across Pharmaceutical Sciences and utilize his/ her technical expertise to contribute across multiple projects and drive technical/scientific strategy. The Senior Engineer will be responsible for benchmarking current trends in research development and manufacturing technologies developing initiating and/or participating at a high level in projects that involve extraordinary well considered risks along with scientific/technical challenges as well as directing and managing outsourcing across a product platform as appropriate.

Required Skills

※英文レジュメが必要となります※ Accountabilities: Develops project or significant technical strategy and leverages technical skill（s） as a resource/expert within the department Contributes significantly and independently to project work which may include multiple projects within functional area. Plans and implements resolutions to technical problems/issues Independently designs and executes experiments and reports results Recommends justifies and implements technologies and innovations. Owns a discipline/technical skill in its entirety and continues to develop expertise in other key technical skills. Influences and supports initiatives related to driving scientific and technical improvement within function and potentially cross functionally. Reviews interprets and communicates data cross functionally within pharmaceutical sciences and project teams Conducts analysis of technical and conceptual risk and trends Identifies process trends and defines/champions process strategy or use of novel technologies Recognized as a technical expert and resource within function Significant technical responsibility for a project area/technical program within the department and potentially across Pharmaceutical sciences Identifies topics for initiatives and leads local/global initiatives on behalf of senior staff. Defines appropriately complex/novel approaches and methodologies to solving outstanding technical challenges Coordinates and leads technology transfer to internal or external manufacturing sites Responsible for authoring relevant sections of regulatory documents validation plans reports and peer reviewed manuscripts. Proactively identifies vendors and builds relationships to gain access to technologies as needed to deliver on pipeline goals. Manages key vendor relationships across multiple projects as appropriate and proactively affects resolution of issues arising at vendors. Represents Takeda and is an active member on pre competitive collaborations with academic and industrial partners. Education and Experience: A Ph.D. degree with 3+ years of academic post doctoral or pharmaceutical industry experience; an MS degree with 9+ years of pharmaceutical industry experience; or a BS degree with 11+ years of pharmaceutical industry experience. Degrees in chemical engineering required. Experience in the use of mathematical both statistical and first principle models as well as advanced process control systems preferred Experience in building reaction kinetic models as well as process models preferred. Experience in building laboratory and pilot plant equipment a plus Experience in crystallization process development and scale up with an emphasis on form purity and particle size control a plus Experience in the use and scale up of milling technologies （both dry and wet） for particle size control a plus Experience in the use of process analytical technologies （FT IR NIR FBRM UV vis etc.） required Experience in building chemometric models preferred Experience in developing continuous processes a plus Sound knowledge of current Good Manufacturing Practices （cGMP） preferred Experience working in a pilot plant a plus Previous experience with the use of contract facilities and managing technical transfers a plus Experience in working in a multi disciplinary team environment Proven scientific track record through presentations at scientific conferences and publication of pier reviewed manuscripts Knowledge and Skills: Analytical and Problem Solving Skills Able to troubleshoot critical issues or problems using appropriate information and determine causes and possible solutions Teamwork Ability to work well on global cross functional teams. Communication Skills Able to expresses one’s self clearly and concisely within team; documents issues and/or concerns concisely with colleagues; adjusts communication style as appropriate for the audience; timely and effectively communicates with senior management; technical writing skills to support authorship and approval of internal technical documents Organization ・ Exercises good time management and prioritization skills to balance multiple project and departmental objectives Technical Subject matter expertise in a specific scientific area or areas. Knowledge Sharing Ability to capture knowledge within the organization; improves solutions processes and deliverables through use of information; improves information capital by contributing experience theories deliverables and models for others to use Resource Management Project management skills; ability to manage one’s time within individual departmental External Involvement ・ Demonstrated involvement in professional community evidenced by presentation of scientific posters or lectures at professional conferences or events. Interacts with external vendors for projects Leadership Skills ・ Develops and uses knowledge and interpersonal skills to appropriately influence and guide others towards the accomplishment of department/function goals and objectives.

Company Description

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