

# Expert Science & Technology II / Senior Expert Science & Technology I - Material Science

Job ID

REQ-10026539

Dec 03, 2024

China

## Summary

-Design, plan, perform, interpret and report results of scientific experiments for the preparation and timely delivery of drug substances (DS), drug products (DP), processes and procedures within a multifunctional project team coordinated by a Project Leader. Manage technical lab/plant activities.

## About the Role

### Key Responsibilities

- Independently plan, organize, perform and document scientific experiments /GMP testing /manufacturing plant activities under minimal supervision; handle several activities at a time -Take over responsibility for and utilize special tools /equipment or specialized facilities as an expert; schedule and perform maintenance and qualification of instruments / equipment -Proactively identify conflict situations and contribute to solutions -Work according to appropriate standards for quality, ethics, health, safety, environment protection, and information security; lead initiatives to ensure continuous improvement - Documentation of raw data, evaluate and interpret results; propose and actively support the design of next experiments.
- Review and verify raw data generated by others; approval of tests / experiments performed by others - Write protocols, scientific reports or lab procedures based on templates or SOPs under minimal supervision -For technical development units: Develop new methods or optimize existing methods/processes (lab or plant); contribute to development and implementation of new technologies - For GMP units: ensure compliance to cGMP -For technology-focused roles: Perform information and literature searches under minimal guidance.
- Actively foster knowledge exchange.
- Train and coach associate scientists, technicians, temporary employees and employees under training / education -For project-focused role: Participate in function-specific sub teams and fulfill assigned project tasks and responsibilities under supervision -Uses professional concepts and company's policies and procedures to solve a wide range of difficult problems in imaginative and practical ways.
- Contributes to some cost center goals and objectives -SANDOZ : -Senior Scientist : -Design, plan and perform / supervise scientific experiments and contribute to project related scientific /technical activities under minimal supervision (e.g., interpret and report results, generate and evaluate data, draw relevant conclusions, optimize existing methods / processes).
- Establish innovative solutions for verification and control of critical quality attributes, critical material attributes or critical process parameter in cooperation with other colleagues.
- Establish control procedures and specifications and review test procedures.

- Generate scientific documents to hand over to internal and / or external partners (e.g., MST, TechOps, authorities, external companies ) and support generation of international registration documents under minimal supervision.
- If assigned this task, maintenance of infrastructure / equipment and required investments ( e.g. system ownership) -Generate lab procedures or SOP's, generate protocols and reports -Lead technical meetings during product development at the local level as well as on the level of SDC network -Report and present scientific /technical results internally and contribute to publications, presentations and patents.
- Report and present scie

### **Essential Requirements:**

- Work Experience:
- Functional Breadth.
- Operations Management and Execution.
- Collaborating across boundaries.
- Environment.
- Experiments Design.
- Health And Safety (Ehs).
- Laboratory Equipment.
- Manufacturing Process.
- Materials Science.
- Process Simulation.
- Project Management.
- Sop (Standard Operating Procedure).
- Technical Writing.

**Why Novartis:** Helping people with disease and their families takes more than innovative science. It takes a community of smart, passionate people like you. Collaborating, supporting and inspiring each other.

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Division

Development

Business Unit

Innovative Medicines

Location

China

Site

Shanghai (Shanghai)

Company / Legal Entity

CN14 (FCRS = CN014) China Novartis Institutes for BioMedical Research Co., Ltd.

Functional Area

Research & Development

Job Type

Full time

Employment Type

Regular

Shift Work

No

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Novartis is committed to building an outstanding, inclusive work environment and diverse teams' representative of the patients and communities we serve.

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### **List of links present in page**

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