

Senior Scientist 1 – Sustainable Materials - Job Description

Role Purpose:

To provide technical expertise and input in order to contribute to the delivery and realisation of projects, acting as technical lead in small and medium scale projects, and projects of some complexity. Draws upon a range of technical know-how to provide carefully thought-through advice and expertise to a range of stakeholders across the organisation. The Senior (1) is viewed as a specialist in their area of discipline, offering innovative solutions at business-unit level, contributing to development and improvement activities.

Key Responsibilities:

- To maintain consistent and document compliance with all relevant Safety, Health and Environmental (SHE), Good Manufacturing Practice (GMP), Data Integrity (DI), quality and best practice requirements.
- To identify new technical developments and trends, translate these into building blocks for opportunities within the business unit, initiating the creation of (new) technological innovations/applications.
- To utilise own expert knowledge to assist in translating business unit strategy into practice through the delivery of plans to achieve business unit objectives.
- To build, maintain and exploit a network of relevant external stakeholders, customers, partners, research organisations and authorities, to represent the business unit as a credible specialist in networks, identifying opportunity for future projects and developments.
- To actively contribute to a culture of continuous capability development through coaching, mentoring and/or developing colleagues within the team and business unit, providing insights into areas of specialism. This may include coaching and developing junior colleagues (both technically and behaviourally) to help them reach their potential.
- To keep self up to date with external developments in areas of specialism, and/or legislative and SHE related changes, ensuring application of new best practice and/or knowledge.
- To work collaboratively with Business Development, Bid Proposal, and technical colleagues to contribute to proposal / project development and direct customer engagement. Engage in business development opportunities where appropriate.
- To formulate and present possible solution directions and issue advice upon request or at own initiative, beginning to build an internal reputation as a reliable and credible source.
- To actively engage in hazard studies / SRA studies and discussions, as appropriate to role level.
- To set up, plan and execute experimental / pilot scale runs and analyse, interpret, and report the results of these, translating obtained findings and knowledge.
- To be responsible for providing clearly documented records of technical data, decisions, methodologies, calculations, and software use in an agreed format.
- To take ownership in agreeing weekly workplans with line manager, project manager(s) and other relevant stakeholders, and delivering plan to agreed schedule.

Good Manufacturing Practice - GMP

CPI have a responsibility to manufacture medicinal products of the requisite quality, fit for their intended use and be in accordance with the relevant Manufacturing and Marketing Authorisations,

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Clinical Trial Authorisation, Product Specification, Drug Master File or CEP Dossier as appropriate and which do not place patients at risk due to inadequate safety, quality or efficacy. The Pharmaceutical Quality System, which incorporates Good Manufacturing Practice, is designed to deliver this quality objective, the attainment of which requires the participation and commitment of all staff across departments and at all levels within the company.

Good Manufacturing Practice is the part of Quality Management which ensures that products are consistently produced to the correct quality standards. To comply with the principles of GMP, it is required that clearly defined procedures are adhered to when performing operations across CPI.

Data Integrity - DI

Data Integrity is the degree to which data are complete, consistent, accurate, trustworthy, reliable and that these characteristics of the data are maintained throughout the data life cycle. The data should be collected and maintained in a secure manner, so that they are attributable, legible, contemporaneously recorded, original (or a true copy) and accurate. Assuring data integrity requires appropriate quality and risk management systems, including adherence to sound scientific principles and good documentation practices.

CPI, as a GXP organisation, have developed a Pharmaceutical Quality System, which incorporates a DI Governance System – a series of arrangements to ensure that data, irrespective of the format in which they are generated, are recorded, processed, retained and used to ensure the record throughout the data lifecycle.

To comply with the principles of DI, it is required that clearly defined procedures are adhered to when performing operations across the site. All staff are actively encouraged/supported in the reporting of errors, omissions and undesirable results.

Direct reports: No direct reports

Person specification

Education / Qualifications:

Essential:	Desirable:
<p>Educated to HNC or Foundation Degree level (or equivalent) in a Scientific/Engineering discipline plus relevant industrial experience at a senior level.</p> <p>Or</p> <p>Educated to Degree level (or equivalent) in a Scientific/Engineering discipline plus significant industrial experience.</p> <p>Or</p>	<p>Chartered status with a relevant professional institution.</p>

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Educated to Master Degree level (or equivalent) in a Scientific/Engineering discipline plus relevant industrial experience.
Or
Educated to PhD level (or equivalent) in a Scientific/Engineering discipline plus some industrial experience.

Competencies and behaviours	
Leadership (Enabling)	Decision Making (Influencing)
<ul style="list-style-type: none"> Builds and leads groups, communicates a compelling and inspired vision or sense of core purpose to arrive at an agreed schedule of work for a project, including agreed success criteria. Demonstrates commitment to common goals, integrity, and trust in all dealings with colleagues and customers. 	<ul style="list-style-type: none"> Confidently draws reliable conclusions from diverse and sometimes incomplete data. Proactively sources and refers to how others have tackled similar problems previously. Considers risks, and consequences, and takes accountability for, the impact the decision has on the business including costs/ benefits.
Communication (Enabling)	Developing self and others (Enabling)
<ul style="list-style-type: none"> Presents complex issues/ data with a high level of clarity and impact, using the appropriate format and driving action. Is able to write clearly and succinctly recommendations and messages that have the desired effect. Is aware of the impact of their communications and pro-actively seeks feedback for improvement. Is able to influence others by preparing a reasoned argument to adopt a specific tactics or plan, in line with strategy, and persuade other of the merit. 	<ul style="list-style-type: none"> Supports others in their development. Is personally committed to, and actively seeks, opportunities to improve continuously. Provides honest helpful feedback to others on their performance. Insightful about self, strengths, and limitations, and how to maximise contribution.
Collaboration (Influencing)	Delivery (Influencing)
<ul style="list-style-type: none"> Blends people into teams, leveraging the use of talents available from any part of the organisation that result in the most innovative solution. Fosters a sense of energy, ownership, and personal commitment to collaborative work. Understands priorities and deeper needs of different stakeholders groups. 	<ul style="list-style-type: none"> Prepares and maintain schedules for activities and events for projects. Delegates responsibilities for tasks and decisions to the appropriate staff; sets SMART objectives and monitors progress. Researches capabilities and constraints, in advance of a project, which could affect its approach and outcomes.

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| <ul style="list-style-type: none"> • Supports and enables people to work together to meet objectives. | <ul style="list-style-type: none"> • Holds people accountable for achieving results. |
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Knowledge and Experience:

Essential:	Desirable:
<p>Will possess significant, technical expertise in Sustainable materials (see more specifics on desirable expertise areas opposite) as well as a compelling evidence of complex technical problem solving.</p> <p>Will exhibit professional mastery of principles and practices in Sustainable Materials gained through career to date in area of specialism.</p> <p>Can demonstrate evidence of building knowledge sharing and network building practice across teams.</p> <p>Actively demonstrates in-depth technical and theoretical knowledge in Sustainable Materials and is viewed as a specialist in this area by peers.</p> <p>Can provide examples of actively building cross-team and business unit collaboration to achieve desired results.</p> <p>Actively participates in diverse or complex technical activities where it is necessary to use own initiative and judgement.</p>	<p>Is an active member of a professional body, engaging with peers beyond CPI.</p> <p>Applications are particularly welcome from candidates with expertise in synthesis, characterisation, formulation, and processing (e.g., extrusion) of sustainable polymeric materials e.g., natural polymers or bio-derived polymers as applied in sustainable composites/coatings/thermoplastic materials/inks/paints etc.</p> <p>Applications are also welcome from candidates with expertise in sustainable inorganic materials with a view to involvement in on-going and future projects in, for example, novel catalysis for waste-water remediation and/or sustainable metals extraction from waste materials.</p>

Signature of Job Holder	
By signing this you confirm you have read, understood, and agree to work in alignment with the above job description.	
Printed name	
Signature	
Date	