



Post Doc for Synthetic Agar in the Innovation Center-Team - 1 year contract (m/f)

Merck Group
Darmstadt

Your role: As an enthusiastic postdoctoral scientist in the new Global Innovation Center Team your project responsibilities will include to:

- coordinate and conduct an explorative project on hydrocolloid-based substances with a focus on their production by biotechnological or chemical processes.
- contribute by identifying and researching hydrocolloids and optimize their application in industrial processes.
- build up a close network of internal and external chemical, microbiological and technical experts, laboratories and research partners.
- contribute with your own research to optimizing the characteristics of the existing or new products.
- enrich and further develop the projects toward future product offerings using your ideas while building on international literature and patents.

Who you are:

- Expertise in biotechnology or (bio) chemical science, (food) chemistry, biology, (food) technology respectively; PhD preferable
- Enthusiasm to become acquainted with different scientific fields, technologies and analytical methods
- Experience in fermentation technology and / or molecular biology and / or chemically synthesis of sugars
- Experience in physico-chemistry, hydrocolloids and statistical analysis preferable
- English language skills, orally and in writing, and business-fit German

Contact

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