

Head Down-Stream-Processing Engineer

The Company

We are producing next-generation protein ingredients and enzymes to replace non-sustainable and unhealthy chemical products and processes. The company has developed a proprietary artificial intelligence-based technology called MADI™ that allows efficient design, optimization, and production of proteins.

In 2017, Protera joined IndieBio, [link](#), the most relevant biotech accelerator world wide. Recently, the company announced its USD 5.6m Series A with Sofinnova partners in France, [link](#).

The Challenge

At Protera we are looking for a highly motivated and autonomous professional for the position of Senior/Head Down-Stream-Processing (DSP) Engineer, to lead the optimization and operation of bioprocesses focused on the production of engineered proteins.

Tasks and Responsibilities:

- Lead bioprocess development for DSP operations such as centrifugation, filtration, chromatography, adsorption, evaporation, liquid formulation, and drying, with a strong focus on protein manipulation.
- Design, plan, execute and analyze scalable process experiments in laboratory and pilot plants.
- Provide input and analysis to bioprocess design, establish scale-up/scale-down parameters, and cooperatively work with the Protera teams to develop and optimize fermentation and DSP processes.
- Collaborate with on- and off-site coworkers from fermentation, protein engineering, and bioinformatics teams.
- Preparation and presentation of technical reports, data summaries, protocols, and other technical and regulatory documentation, as needed.
- Mentor and provide technical guidance for junior engineers and other associates.
- Work closely with CMO partners to transfer and execute bioprocesses successfully and reproducibly.

Requirements:

- Master's degree in engineering (Chemical Engineering preferred) or Biological Sciences with 5+ years of working experience or Ph.D. degree in Engineering (Chemical Engineering preferred) or Life Sciences with 3+ years' experience
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- Strong experience with R&D and process scaleup
- Prior food GMP experience in a food biotech a plus.
- Prior experience with production scale biotech process equipment a plus.
- Good at troubleshooting and problem-solving.
- Strong organizational skills with the ability to effectively prioritize and complete high-quality projects amidst tight timelines and competing deadlines; exceptional attention to detail
- Good communication skills with the ability to discuss complex technical concepts in English

The Location

You will work at our facilities in Compiègne, France

The Contact

Juan Jiménez, Director of Protein Engineering (jjimenez@proterabio.com)

Protera Bioscience

Headquarters

176 avenue Charles de Gaulle
92522 Neuilly-sur-Seine cedex
France