

Senior Chemical engineer – France

Biomethodes is a French biotechnology company located in Genopole of Evry (France), Paris area, specialized in biomass fractionation, enzyme and protein engineering. Biomethodes has developed with a US academic partner and with its US subsidiary, OptaFuel US, a unique set of technologies that paves the way for next generation renewable fuels, green chemicals and biomaterials.

We are currently seeking an experienced **chemist / chemical engineer** for its activities with a strong research aptitude to head our Process Technology Development laboratory in Evry, France.

Supervision: Biométhodes Chief Technology Officer

Duties and responsibilities:

- Head the Process Technology Development laboratory
- Design, build and run laboratory scale reaction systems
- Perform experiments in the technical areas: biomass pretreatment, solid/liquid separations, solvent recovery, enzymatic hydrolysis, & fermentation and related unit operations at laboratory and bench scale
- Analyze data statistically and report to different stakeholders both internally and externally
- Work with multidisciplinary project teams involved with pilot plant design, pilot plant operation and enzyme development
- Support process technology development activities with external partners as required

Qualifications:

- PhD or MSc Degree in Chemistry / Biochemical or Chemical engineering from an accredited institution
- Min 8 years of experience in a development position or research position in the chemical industry or in the biotech industry
- Significant experience with unit operations that apply to agricultural based feedstocks such as: solid/liquid separations, particle size reduction/milling, solvent extraction, membrane separation, centrifugation, distillation, etc.
- Experience with analytical equipment (HPLC) and statistical methods
- Experience with biomass fractionation, hydrolysis and fermentation is a plus
- Applied technology development aptitude is a plus

Personal skills:

- High results orientation
- Structured and Systematic
- Ability to multi-task and be flexible as project priorities change
- Demonstrated ability to work both independently and within team environments
- Work collaboratively across functional teams without authority
- Excellent interpersonal and communication skills, both verbal and written, in particular in an multicultural context
- English language skills are required
- Resolve and Integrity

Compensation: 55 k€

Keywords: inorganic chemistry, chemical unit operations, solvent extraction, solid/liquid separations, biomass feedstocks, industrial biotechnology, green biotechnology

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Further information: contact Niels LANGVAD, CTO (06 87 30 36 89)