

We are looking for an active, highly qualified

SENIOR SCIENTIST - PhD (m/f)

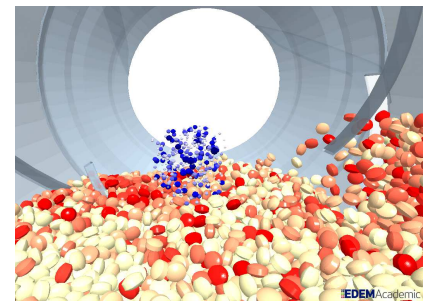
Advanced Process Modeling

Ref.Nr. SK9

with the ability to work independently and as a member of an international research team.

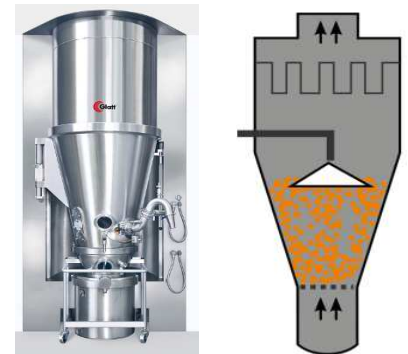
DUTIES AND RESPONSIBILITIES:

- Modeling and simulation of pharmaceutical processes using mainly advanced process modeling software or Discrete Element Method (DEM) tools
- Development of models based on mechanistic understanding
- Define concepts for the optimization and scale-up of pharmaceutical processes
- Validation of simulation based on experimental data
- Project management, team coordination, communication with project partners
- Produce project reports and publish research results in reputed journals



REQUIREMENTS:

- Technical or natural scientific background (MSc or PhD degree)
- Knowledge of simulation programs
- Knowledge in programming (e.g. C, Python, Matlab)
- Ability to publish the scientific work in reputed journals
- Professional conduct and communication skills in dealing with international clients, partners and colleagues
- Interest and experience in performing top-level and target-oriented research at the interface of basic science and industrial application



WE OFFER

- A responsible position in R&D for an unlimited period in the interface of scientific and industrial work
- A multidisciplinary and dynamic research environment and access to highly modern infrastructure on campus of Graz University of Technology,
- Options for career development at the academic and industrial level, and
- A competitive salary (min. € 46.000,- gross/year, equiv. app. € 29.600,- net/year, overpayment - depending on qualification - possible).

We are looking forward to receiving your application by indicating the Ref. Nr. and including a cover letter, your CV, publication track record and credentials!

Research Center Pharmaceutical Engineering GmbH

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