

The **Research Center for Pharmaceutical Engineering (RCPE)** is a global leader in pharmaceutical engineering sciences. We help our partners to create and manufacture advanced medicines for patients around the world, through optimizing products and processes.



WE ARE OFFERING A

# PAID DIPLOMA/ MASTER'S THESIS

SOLID PHASE PEPTIDE SYNTHESIS  
REF. NO. DA 161

To dedicated students of **chemistry, biochemistry, chemical engineering** or related disciplines, we offer an opportunity to write a paid Diploma/Master's thesis.

## OBJECTIVE:

This project is one step towards establishing modeling and optimization of solid phase peptide synthesis at RCPE. There are four goals:

- To show that we can measure the apparent kinetics of a reaction in the solid phase
- To determine the effect of stirring on the apparent rate of reaction
- To model the combined effect of reaction and mass transfer
- To publish the results in a relevant journal

The student can but is not expected to carry out the modeling.

## WITHIN THE FRAMEWORK OF THIS DIPLOMA/ MASTER'S THESIS WE OFFER THE FOLLOWING:

- Extensive participation in a top-level and industrially relevant research project in an international environment
- Supervised training in the task
- Assistance of experienced staff with the implementation of innovative ideas
- Access to highly modern infrastructure on campus of Graz University of Technology
- Assistance with the publication of results
- Adequate compensation and opportunities for personal and professional development

## FINANCING:

- Compensation on the basis of a service contract

IF YOU ARE INTERESTED IN WRITING YOUR THESIS AT THE INTERFACE BETWEEN UNIVERSITY RESEARCH AND INDUSTRY/ BUSINESS AND TO CONTRIBUTE TO THE OPTIMIZATION OF PRODUCT AND PROCESS DEVELOPMENT IN THE PHARMACEUTICAL INDUSTRY, PLEASE CONTACT US INDICATING THE REFERENCE NUMBER.

## Contact:

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