

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

CROSSLINKING STUDIES IN GELATIN CAPSULES WITH
RESPECT TO CONTROLLED SHELL DISSOLUTION AND
DRUG RELEASE
REF. NO. DA 140

To dedicated students of Pharmacy, Chemistry, Chemical and Pharmaceutical Engineering or related disciplines, we offer an opportunity to write a paid Diploma/Master's thesis.

OBJECTIVE:

The goal of the master thesis is the multimethodological investigation of hard shell capsules under controlled crosslinking reaction. Screening of crosslinking methods and characterization under Different environmental conditions will act as basis for the investigation of a controlled/ extended drug release profile.



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.

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