

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

**DEVELOPING A NOVEL DRUG DELIVERY SYSTEM
FOR SPECIAL PATIENTS
DA 138**

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

OBJECTIVE:

The goal of the master thesis is to create the basis for product development, focusing on a novel drug delivery system where the medicine is contained in a flavored gel, either as solution, emulsion or suspension. Drug delivery occurs via breaking a seal of a snap-package and sucking out the flavored gel. Target patient populations includes:

- Geriatric patients (frail & old patients)
- Pediatric patients (kids)
- Emergency applications

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
- Opportunity to be part of a commercialization project

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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