

Diploma Work Topics
Department of Pharmaceutics
2024

1. Artificial intelligence and pharmaceutical manufacturing
Supervisor: Prof. István Antal
2. Rheological evaluation of pharmaceutical dosage forms
Supervisor: Dr. Lívia Budai
3. Advantages of Microfluidics in Pharmaceutical Drug Delivery Systems
Supervisor: Dr. Miléna Lengyel
4. Advances of Microfluidic Devices in Pharmaceutical Basic Operations and Nanotechnology
Supervisor: Dr. Miléna Lengyel
5. Microfluidics in the formulation and testing of liquid and semisolid dermal preparations
Supervisor: Dr. Miléna Lengyel
6. Analytical challenges of investigating extractables and leachables of plastics related to pharmaceutical practice
Supervisor: Dr. Borbála Dalmadi-Kiss
7. Influence of required HLB-value of oils on the stability of emulsion systems
Supervisor: Dr. Noémi Anna Niczinger
8. Development of a chromatographic method for the examination and comparison of diclofenac containing gels
Supervisor: Dr. Márton Király
Dr. Dóra Farkas
9. Optimization of the freeze-drying process parameters
Supervisor: Dr. Emese Bertalan-Balogh
10. Issues Arising from the Administration of Oral Medications
Supervisor: Dr. Nikolett Kállai-Szabó
11. Application of deep learning methods in proteomics
Supervisor: Dr. Krisztina Ludányi
Dr. László Drahos HUN-REN
12. Single cell proteomics in medicinal research
Supervisor: Dr. Krisztina Ludányi