

# University of Debrecen

## Faculty of Pharmacy



UNIVERSITY *of*  
DEBRECEN





# Mission Statement

- **Faculty of Pharmacy** is committed to preserving the quality of the pharmacy profession and to the education of the next generation. To this end, it provides high-quality doctoral, and master's education. In developing its training programs, the faculty incorporates the latest scientific advances, and strives to provide outstanding research in medicine, health and natural sciences of international standard. Multidisciplinary research is carried out with cross-faculty academic, industrial and international partners.
- As part of our vocation, we also attach great importance to social responsibility and are committed to preserving the health of society, and increasing health literacy.
- The faculty also attaches great importance to its third mission, which is why we cooperate with national and international partners.

Mentor Program for students in high schools, graduate and undergraduate students at the Faculty



Student life

## 5 - year Doctor of Pharmacy program

## EDUCATION

Research opportunity for graduate and undergraduate students, PhD programs

### Basic Chemistry subjects

- ✓ General Chemistry
- ✓ Inorganic Chemistry
- ✓ Analytical Chemistry
- ✓ Organic Chemistry
- ✓ Botany
- ✓ Pharmaceutical Biology
- ✓ Biochemistry
- ✓ Biophysics

### Special skills in Pharmacy

- ✓ Pharmacognosy
- ✓ Pharmaceutical Chemistry
- ✓ Pharmaceutical Technology
- ✓ Pharmacology
- ✓ Biopharmacy
- ✓ Clinical Pharmacology
- ✓ Drug Interaction
- ✓ Pharmaceutical care
- ✓ Pharmacovigilance
- ✓ Pharmaceutical Communication
- ✓ Management skills
- ✓ Pharmacoeconomy

### Basic Medical Biology subject

- ✓ Pharmaceutical Anatomy
- ✓ Human Physiology
- ✓ Medical Microbiology
- ✓ Immunology
- ✓ Clinical Biochemistry
- ✓ Public Health
- ✓ Clinical Basics



- Change of conventional approach in research
- Self-supporting research

**Inputs:**

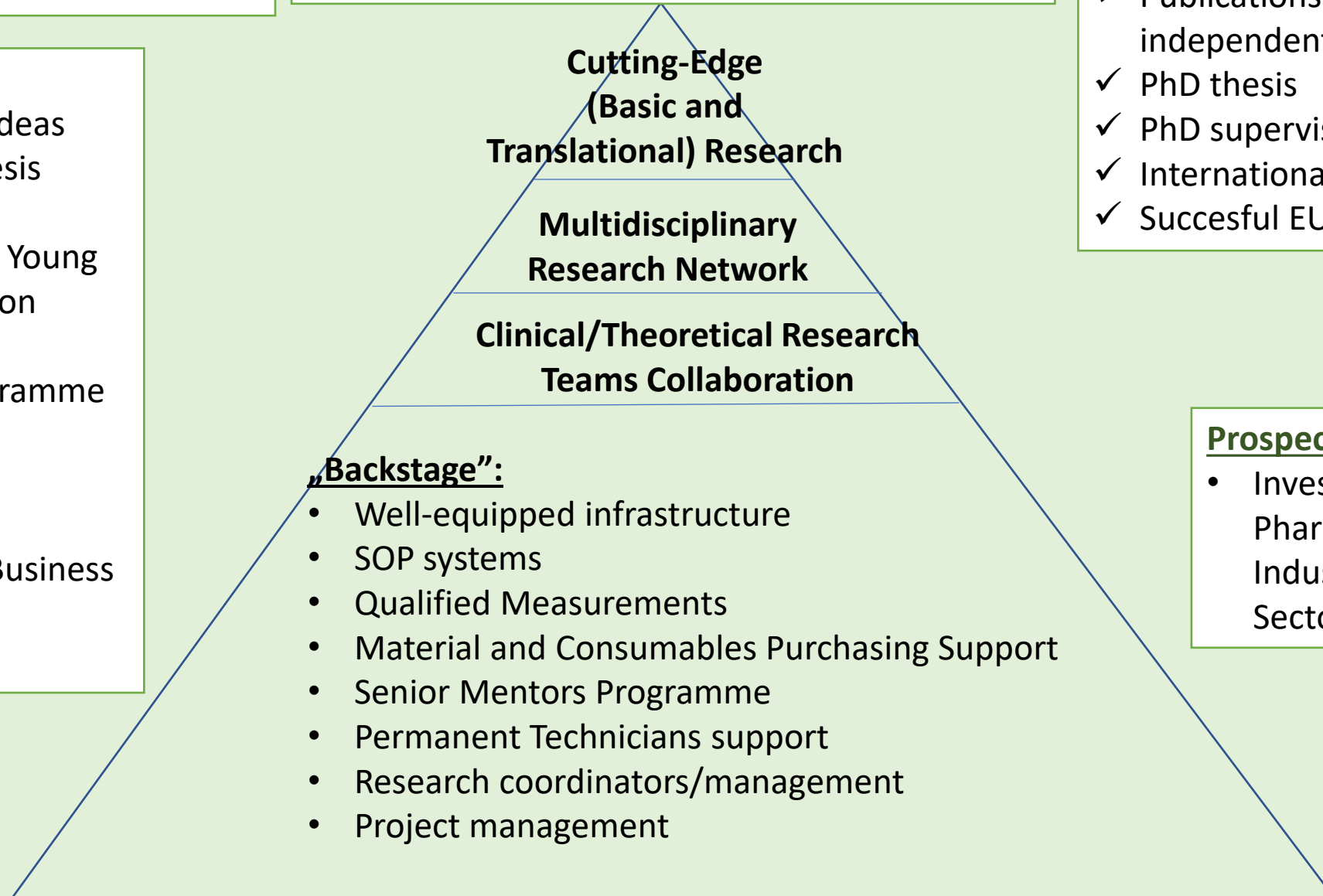
- Basic research ideas
- Clinical hypothesis
- Well-Motivated Young Scientist Selection
- Excellence Programme
- Sponsors (From Pharmaceutical Industry, from Business Sectors)

**Monitoring systems**

- ✓ Annual Researcher Evaluation Report
- ✓ Satisfactory Experimental Documentations

**Outputs:**

- ✓ Patents
- ✓ Publications (D1/Q1, high independent citations)
- ✓ PhD thesis
- ✓ PhD supervisor activity
- ✓ International collaborations
- ✓ Successful EU grants



**Prospects:**

- Investors from Pharmaceutical Industry and Business Sectors



# Research

Pharmaceutical  
Technology Dept.

Formulation  
development:  
Nanoformulations  
3D printing,  
Biocompatibility  
R&D innovation  
Formulation in an  
industrial scale

Strong and committed cooperations

Industrial perspectives

National and international projects

Multidisciplinary approach and networking

Industrial service delivery based on the cooperation  
between faculties

Pharm. Chem.  
Dept.

Drug candidate synthesis  
Antiviral and antibacterial  
compounds

Pharmacology  
Dept.

Pharmacological testing:  
Isolated Heart Model,  
In vivo animal model experiments  
GLP services

Biopharmacy  
Dept.

Endocrinology  
Receptor testing  
Biotechnology  
Cancer mission



More informations....

[www.pharm.unideb.hu](http://www.pharm.unideb.hu)