

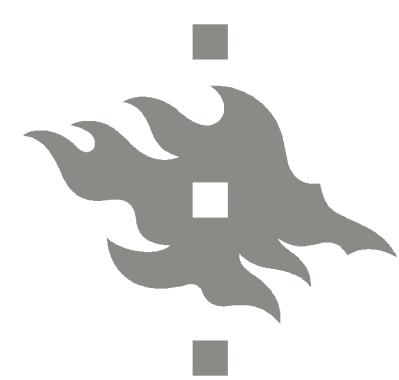
Doctoral programme in Drug research (DPDR) in the University of Helsinki and in FinPharmaNet

Ikkka Reenilä

Doctoral Programme Coordinator

Doctoral programme in Drug research (DPDR)

Doctoral programme in Clinical Veterinary Medicine (CVM)
FinPharmaNet



Doctoral education in the University of Helsinki

2014 à All Doctoral students belong to one of the Doctoral Programmes in UH (and in other Finnish Universities)

1 st – 3 rd year, annually	4 th year
<u>Research</u>, courses - mobility - thesis committee meeting - annual report	<u>Research, courses - mobility - thesis committee meeting - annual report - thesis writing – dissertation - PhD degree</u>

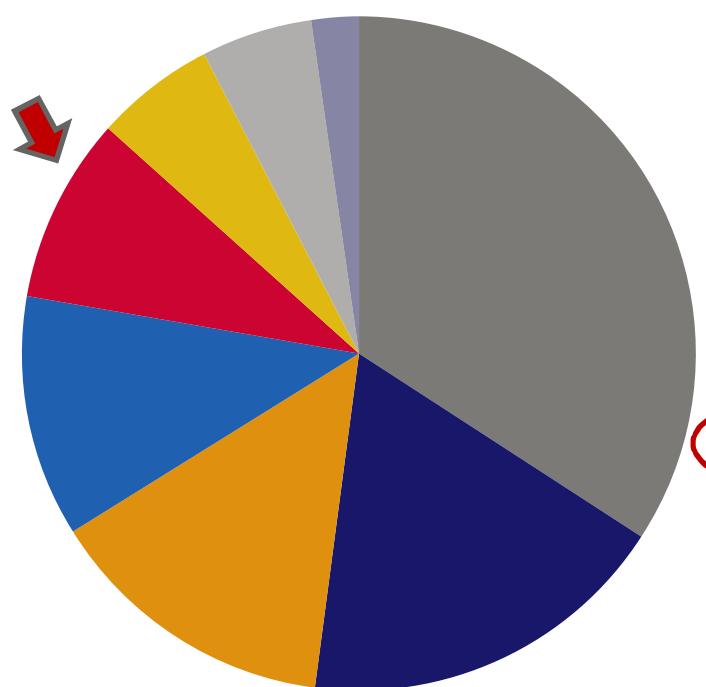
- Scientific and transferable skills **courses** (20-60 ECTS)
- **Travel** support for congresses, courses, visits in other research groups
- Follow-up **meetings** à **reports** of progress in training (update of plans)

Doctoral school in health sciences (DSHS, 1 out of 4 Doctoral schools in UH):

Doctoral candidates (N= 1423) and UH funded positions (n=103) in DSHS Doctoral programmes (12.1.2016)



Candidates



■ Doctoral programme in clinical research (KLTO)

■ Doctoral programme in biomedicine (DPBM)

■ Doctoral programme in integrative life science (ILS)

■ Doctoral programme in population health (DocPop)

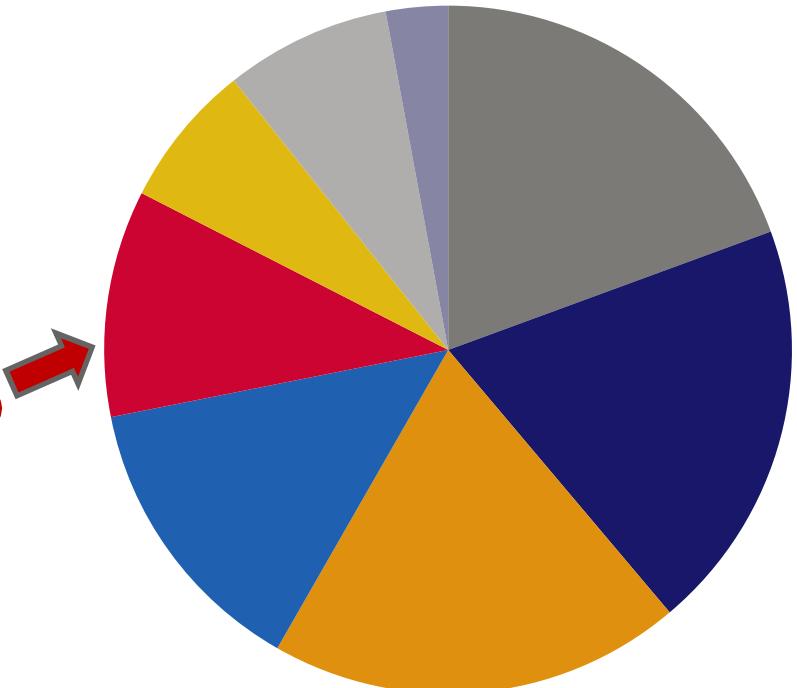
■ Doctoral programme in drug research (DPDR)

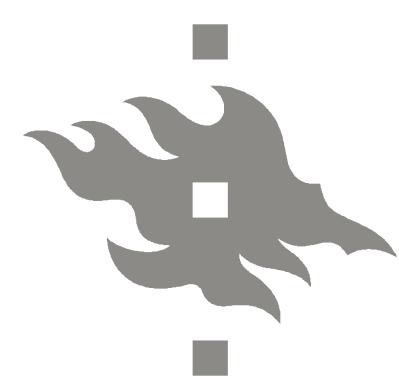
■ Doctoral programme in clinical veterinary medicine (CVM, former ANIWEL)

■ Doctoral programme brain & mind (B&M)

■ Doctoral programme in oral sciences (FINDOS)

Positions

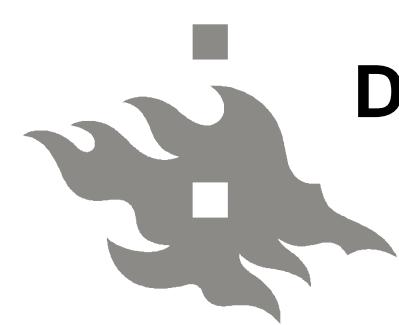




Doctoral Programme in Drug Research (DPDR): units & members

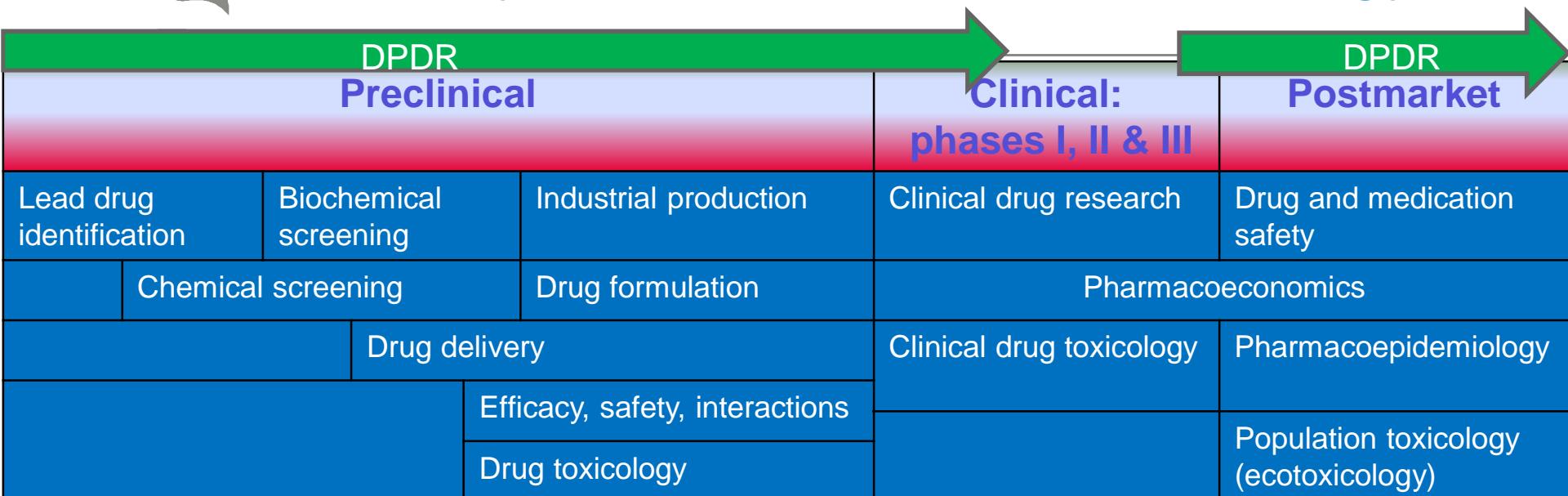
Faculty	Principal investigators	Doctoral students (3.2.2016)
Faculty of Pharmacy (host faculty)	50	164
Faculty of Medicine (Medicum): - Clinical pharmacology - Pharmacology	30	15
Institute of Biotechnology, Neuroscience Center, FIMM (and other organisations)	10	6
Faculties of Veterinary Medicine, Science, Agriculture and Forestry, Industry, Fimea, NIHW, pharmacies	15	0

- About 15 theses/year (2014-2015: 12 and 15/year)
(DSHS: 1400 students, 175 theses/year)



DPDR (and FinPharmaNet) disciplines and topics:

Life cycle of medicines and toxicology



PHARMACEUTICAL CHEMISTRY

ANALYTICS

PHARMACEUTICAL TECHNOLOGY

BIOPHARMACY

INDUSTRIAL PHARMACY

CLINICAL PHARMACOLOGY

PHARMACOECONOMICS

PHARMACEUTICAL BIOLOGY

BIOTECHNOLOGY

PHARMACOLOGY

TOXICOLOGY

PHARMACOGENOMICS,
PHARMACOGENETICS

CLINICAL PHARMACY

VETERINARY MEDICINE

National collaboration: FinPharmaNet

WWW.FPDP.FI

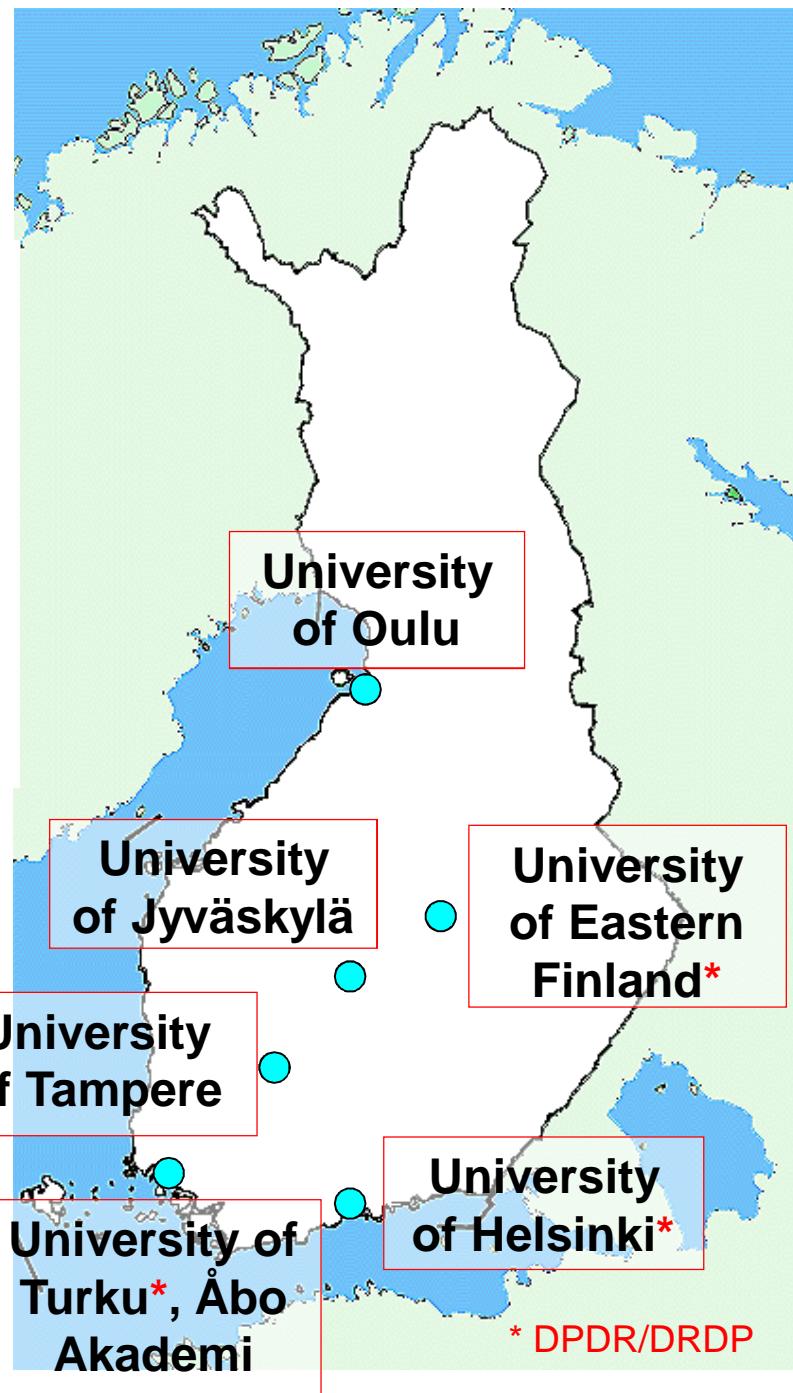
- Funded by Academy of Finland (1998-)
 - 2006: FinPharmaNet
 - 2012-2015: FPDP
 - 2016 à FinPharmaNet
- Board: Director, representatives from DPDR/DRDP and other Universities, drug industry (Orion) and authorities (Fimea). And?
- Previous Sections and core Universities:

FPDP Pharmacy: Helsinki, Kuopio

FPDP Clinical drug research: Helsinki, Turku, Tampere, Oulu, Kuopio

FPDP Drug discovery: Turku, Helsinki, Kuopio, Tampere, Oulu, Jyväskylä, Åbo akademi

FPDP toxicology: Kuopio, Oulu, Tampere (Helsinki)



Courses and events in drug research and toxicology 2015

FinPharmaNet/FinPharma Doctoral program course page (<http://fpdp.fi/?s=2-courses>):

Kliininen lääketutkimus, 17.-18.11.2015, Helsinki

Neuropharmacology of drug addictions, 6.-7.10.2015, Helsinki

Prof. Raimo K. Tuominen 60 years Symposium, 28.8.2015, University of Helsinki

Emerging targets and molecules in middle space – FinMedChem 2015, Synthetic Chemistry 2015, 12th FIPS, 24.–27.8.2015, Helsinki

Summer school on medication safety research, 19.-20.8.2015, University of Helsinki

FPDP 9th Annual Joint Meeting The future of pharma, 19.-21.8.2015, cruise: Helsinki-Stockholm-Helsinki

Reprogramming of cell fate, 22.6.2015, Helsinki

Nanotechnology and microfluidics (for pharmaceutical applications), 25.5-5.6.2015, Helsinki

Outcomes Assessment, Rational Drug Therapy and Pharmacy 6.-7.5.2015, Helsinki

Helsinki Spring course on Parkinson's disease, 4.-5.5.2015, Helsinki

Eläinlääkkeiden kehityksen ja käytön erityispiirteet/Special characteristics of use and development of veterinary medicines, 26.-27.3 ja 23.-24.4.2015.

PHARMACOLOGY & TOXICOLOGY JOINT MEETING 2015 & BCPT NORDIC PRIZE 2014 CEREMONY *Herbal products – pharmacology, clinical pharmacology and toxicity*, 23.-24.4.2015 Helsinki

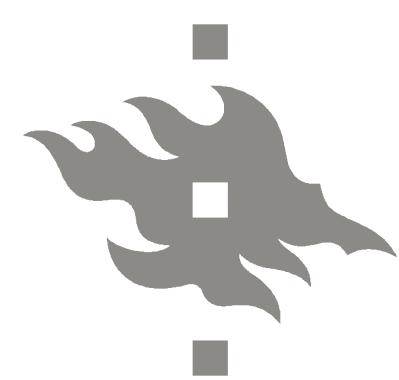
Organizers: Finnish Pharmacological Society, Finnish Society of Clinical Pharmacology, Finnish Society of Toxicology, Doctoral programmes

Microbial lifestyles and drug discovery of antimicrobials, 23.3.–24.4.2015, Helsinki

Measuring effectiveness in health care research/Vaikuttavuuden mittaaminen, 17.2.-5.3.2015, Helsinki

Lääketaloustieteen tutkimusmenetelmät, 17.3.-15.4.2015, Helsinki

Tutkimustiedon kriittinen arviointi, 19.1.-5.2.2015, Helsinki



Doctoral education in drug research and toxicology

National FinPharmaNet/FinPharma Doctoral program:

www.fpdp.fi, Coordinators:

Ilkka.reenila@helsinki.fi, eeva.valve@utu.fi, riikka.pellinen@uef.fi

University of Helsinki, **Coordinator: Ilkka.reenila@helsinki.fi**

Doctoral programme in drug research (DPDR)

<http://blogs.helsinki.fi/reenila/>

Doctoral programme in Clinical Veterinary Medicine (CVM)

<http://blogs.helsinki.fi/aniwel-graduate-school/>