

# Program October 29th 2021

## Research day

The research day takes place in Aula FN on Campus Drie Eiken.

**09h00:** Prof. dr. Koen Augustyns, dean  
Welcome

Session 1:

**09h10-9h40:** *What controls the formation of synapses in the striatum?*, Prof. dr. Tommas Ellender

**9h40-9h55:** **Chloé Bars**, *The zebrafish embryo: a potential alternative for developmental toxicity testing* (PhD-student Department Veterinary Sciences)

**9h55-10h10:** *What can we learn from songbirds and their hormones?*, **Jasmien Orije** (PhD-student Department Biomedical Sciences)

**10h10-10h30:** break

Session 2:

**10h30-11h00:** *Enteric Neuro-Immune units as sensors of environmental factors - role in gut homeostasis (health and disease) and impact on brain-gut axis physiology*, Prof. dr. Sales Ibiza Martinez

**11h-11h15:** *Investigating the structure-function relationship of the malaria parasite circumsporozoite protein*, **Rob Geens** (PhD-student Department Pharmaceutical Sciences)

**11h15-11h30:** **Fahri Küçükali**, *New perspectives on genetically-associated molecular and clinical processes in Alzheimer's disease* (PhD-student Department Biomedical Sciences)

**11h30-11h45:** Break

Session 3:

**11h45-12h15:** *Computational modelling in human neuroscience*, Prof. dr. Rose Bruffaerts

**12h15-12h30:** *De novo design of synthetically accessible molecules using an evolutionary algorithm*, **Alan Kerstjens** (PhD-student Department Pharmaceutical Sciences)

**12h30-12h45:** *In-depth analysis of vapor nanobubble-mediated photoporation at the level of the plasma membrane and nuclear envelope*, **Gaëlle Houthaève** (PhD-student Department Biomedical Sciences)

**12h45:** Prof. dr. Chris Van Ginneken, vice dean  
Closing remarks

## Information sessions Master students & Poster session research groups

During the ongoing poster session students can consult the research groups' posters. From 2 p.m till 4 pm the participating research groups will be represented by a member of the group.

All sessions take place in building Q on Campus Drie Eiken.

<b>2.00 - 3.00 p.m.</b>	<b>Biomedical Sciences, Promotiezaal</b> Master thesis with internship - internship abroad - Erasmus
<b>3.00 - 4.00 p.m.</b>	<b>Biochemistry &amp; Biotechnology, Promotiezaal</b> Research project and Master thesis with traineeship - studying abroad
<b>2.00 - 3.00 p.m.</b>	<b>Pharmaceutical Sciences, Aula FN</b> Master thesis
<b>3.00 - 4.00 p.m.</b>	<b>Pharmaceutical Sciences, Aula FN</b> Advanced Master programmes: Doctoral Training (P. Cos), Hospital Pharmacy (I. De Meester), Industrial Pharmacy (F. Kiekens)