ANNOUNCEMENT:

Workshop
‘Selective targeting of Nuclear Receptors’

When: April 17, 2018
Where: Seats2Meat, Utrecht CS,
Moreelsepark 65 (H. Catharijne, Kantoren Hoog Overborch, 2e floor)
3511 EP Utrecht
Registration: Free but obligatory to register via email to
A.M.vanderHeiden@umcutrecht.nl before April 5th

Central to this workshop is the question:

How can we de-risk FXR as a target for liver and intestinal disease?

The Farnesoid X receptor (FXR) is a promising target for cholestasis, diabetes, metabolic syndrome, (non-) alcoholic steatohepatitis, inflammatory bowel disease and more.

Full agonists sofar have shown adverse events like pruritus, and transient dyslipidemia including increased LDL cholesterol and decreased HDL cholesterol concentrations.

Using the know-how obtained in this workshop, we want to develop rational strategies for a next generation of FXR ligands, selectively targeting specific FXR actions.

Some of the topics the speakers will address are:
The current state-of-the-art on FXR full agonists.
The necessity to de-risk FXR as a therapeutic target.
Lessons on selective agonism from other members of the family of nuclear receptors (NRs).
Different strategies to achieve selective targeting of nuclear receptors.

PROGRAM:

12:00-13:00h	Lunch and introduction of the participants/speakers
13:00-13.30h	Saskia van Mil Introduction: the neccessity to de-risk FXR as a target for liver and intestinal disease
13:30-14:00h	Roberto Pellicciari (TES Pharma, Italy) FXR full agonists, what lessons have we learned?
14.00-14:30h	Antimo Gioiello (University of Perugia, Italy) Knocking on the FXR back door to access selective receptor modulators
14:30-15:00h	Antonio Macchiarulo (University of Perugia, Italy) Ligand Promiscuity and Signalling Specificity in Nuclear Receptors: The Case of the Aryl Hydrocarbon Receptor (AHR)
15:00-15:30h	Break
15.30-16.00h	Karolien de Bosscher (University of Ghent, Belgium) Efforts to de-risk the glucocorticoid receptor (GR) as a target for chronic inflammation
16:00-16.30h	Eric Kalkhoven (UMC Utrecht, Netherlands) PPARγ mutations in partial lipodystrophy selectively alter transcriptional programs
16:30-17.00h	Luc Brunsveld (Technical University Eindhoven, Netherlands) Allosteric modulation of nuclear receptors; towards a new nuclear receptor pharmacology
17.00-17.30h	Peter de Keizer (UMC Utrecht, Netherlands) Skewing to selective transcription factor programs by targeting transcription factor-cofactor interactions using peptides
17.30-19.00h	Informal discussions on follow-up and collaborations over drinks
19.00-	Closing of the meeting

This meeting is organized as part of the closing meeting of the EU-funded FXR-IBD project. www.fxr-ibd.eu.

FXR-IBD