



**21th IRC Symposium:
May 19th, 2014
“The Non-coding Genome”**



Morning Session

09:20-09:30 **Introduction by Claude LIBERT and Geert VAN LOO**

09:30-10:00 **Pieter MESTDAGH** (Center for Medical Genetics, UGent)

“Decoding long non-coding RNAs in cancer”

10:00-10:30 **Eleonora LEUCCI** (KUL-VIB)

“Inhibition of melanoma growth by targeting a melanoma-specific lncRNA”

10:30-11:00 *Coffee break (offered by IRC)*

11:00-11:30 **Lennart MARTENS** (UGent-VIB)

“Finding potentially coding lncRNAs on the internet: running pseudo-virtual experiments using public data”

11:30-12:00 **Pieter DE BLESER** (IRC, UGent-VIB)

“Computational design of tissue-specific transcriptional cis-regulatory modules with applications for efficient targeted expression in gene therapy”

12:00-12:45 **Jorgen KJEMS** (Aarhus University, Denmark)

“Functions of microRNA and circular RNA in brain development and disease”

12:45-14:00 *Lunch break (lunch is NOT provided by the IRC)*

Afternoon Session

14:00-14:30 **Wim VANDEN BERGHE** (Laboratory of Protein Chemistry, UA)

“Ectopic microRNA-150 transcription mimicks GR therapy response in GC sensitive MM1S multiple myeloma cells but fails to overcome GC resistance in MM1R cells”

14:30-15:00 **Karim VERMAELEN** (Laboratory of Immunoregulation and Mucosal Immunology, UGent)

“Unravelling the cross-talk between lung tumors and dendritic cells at the micro-RNA level”

15:00-15:30 **Roosmarijn VANDENBROUCKE** (IRC, VIB-UGent, Unit Libert)

“Extracellular vesicles from the choroid plexus mediate blood-brain communication during sepsis”

15:30-16:00 *Coffee break (offered by IRC)*

16:00-16:30 **Evgenia SALTA** (KUL-VIB)

“MicroRNAs in Alzheimer’s Disease: lessons from humans and zebrafish”

16:30-17:00 **Blanche SCHROEN** (Center for Heart Failure Research, Maastricht, the Netherlands)

“microRNAs mediate cardiac inflammation and failure”

17:00-17:30 **Morvarid FARHANG** (IRC, VIB-UGent, Team van Loo)

“A20 regulation by microRNA-125: in vivo study through miR-125 overexpressing and knockdown transgenic mice”

17:30-17:35 **Closing remarks**

17:35-19:00 *Drinks (offered by IRC)*