

## **Program NorLux Meeting June 3-5, 2015 Bekkjarvik**

Wednesday June 3

14.00 Light lunch and check-in

16.00 Rolf Bjerkvig: Overall presentation Norlux and Jebesen and aim of the meeting

16.30 Simone Niclou: General introduction to Norlux Luxembourg and overview on available animal models

### **Session 1: Angiogenesis and Invasion I**

Chair: Anna Golebiewska

17.00 Anna Golebiewska

"Patient derived glioblastoma tumor models for precision medicine: crosstalk between tumour and microenvironment conditions distinct histopathological features in glioblastoma"

17.30 Anne Schuster

"Characterization of invasive behaviour of different stem-like glioma cell lines (GSLC)"

20.00 Dinner

Thursday June 4

### **Session 2: Angiogenesis and Invasion II**

Chair: Thomas Daubon

09.00 Andreas Bikfalvi:

"New insights into the history of angiogenesis"

09.30 Thomas Daubon

"Tsp1-TGF $\beta$  modulate RhoGTPase activation for driving glioblastoma aggressiveness"

10.00 Justin Joseph

"Role of TGF- $\beta$  in regulating invasion and molecular subtype status in glioblastoma"

10.25 Coffee break (15 min)

10.40 Oleg Tsinkalovsky

"Bevacizumab treatment of intact brain changes the angiogenesis in glioblastoma".

11.00 Nina Obad

"Improving efficacy of antiangiogenic therapy by targeting hypoxia"

11.20 Jubayer Hossain

"Suicide gene therapy of glioblastoma multiforme: co-delivery of EGFR and HSV-Tk for enhanced therapeutic gene distribution"

11.40 Kristjan Valk

"Combination of cetuximab and bevacizumab in treatment of glioblastoma"

12.00 - 13.00 Lunch

### **Session 3: Chemoresistance and DNA repair mechanisms**

Chair: Eric van Dyck

- 13.00 Eric van Dyck  
"DNA damage response factors as novel molecular targets for temozolomide-based therapies against glioblastoma"
- 13.30 Md Mahdi Hasan  
"Beta-arrestin2/Akt signaling complex regulates chemoresistance and cell survival in glioblastoma"
- 13.50 Sabrina Fritah:  
"Regulatory RNAs, a missing link in GBM response to TMZ?"
- 14.20 Coffee break (15 min)

### **Session 4: Circumventing the blood brain barrier**

Chair: Frits Alan Thorsen

- 14.35 Frits Alan Thorsen  
"The importance of BBB in treatment of brain metastasis"
- 15.00 Tambet Teesalu  
"Targeting vascular zip codes for precision guided delivery"
- 15.30 Pille Säälük  
"Screening for glioma homing peptides"
- 15.50 Kadri Toome  
"Development of peptides that target BBB"
- 19.00 Dinner

Friday June 5

### **Session 5: Novel experimental therapies**

Chair: Lars Prestegarden

- 09.00 Lars Prestegarden  
"Dopamine receptor antagonists impair autophagy and metabolic flexibility in glioblastoma by activating PP2A"
- 09.30 Frits Alan Thorsen  
"Repurposing old drugs for the treatment of brain metastases"

### **Session 6: Tumor metabolism**

Chair: Simone Niclou

- 10.00 Nina Obad  
"Effects of lactate dehydrogenase A (LDHA) on angiogenic and invasive glioblastomas"
- 10.20 Coffee break (15 min)
- 10.35 Fred Fack  
"Metabolic profiling of IDH1 mutant xenografts by MS imaging"
- 11.05 Rolf Bjerkvig  
"Future work programs"

Latest check-out

12.00 - 13.00 Lunch