



The 8th NBCNS Research Meeting, November 9 – 10, 2015

Monday November 9

11.00 – 11.30 *Registration*

11.30 – 12.30 *Lunch*

12.30 – 12.45 **Welcome and introduction**
Per Kogner, Birgitta Lannering and Ingrid Øra, NBCNS

Pediatric CNS tumors

Chairs: Peter Siesjö, Lund University and Susan Pfeifer, Uppsala University

12.45 – 13.30 **Treatment of Medulloblastoma: Does Biology Matter?**
Mark Kieran, Dana Farber Cancer Institute Harvard Medical School

13.30 – 13.50 **Using patient-derived iPSC cells to model medulloblastoma**
Margareta Willhelm, Karolinska Institutet

13.50 – 14.10 **MethPed: A DNA methylation classifier tool for the identification of pediatric brain tumor subtypes**
Helena Carén, University of Gothenburg

14.10-14.25 **Adding another piece to the retinoblastoma puzzle**
Finn Hallböök, Uppsala University

14.30-15.00 *Coffee*

Neuroblastoma

Chairs: Ola Hermanson, Karolinska Institutet and Chandrasekhar Kanduri, University of Gothenburg

15.00 – 15.30 **Identification of potent activating ligands for vertebrate Anaplastic Lymphoma Kinase**
Ruth Palmer, University of Gothenburg

15.30 – 16.15 **Cancer metabolism** (working title)
Celeste Simon, University of Pennsylvania School of Medicine

16.15 – 16.25 *Break*

16.25 – 16.40 **Targeting epigenetic reprogramming and immune response in neuroblastoma via pharmacological reactivation of p53**
Ali Rihani, Karolinska Institutet

16.40 – 16.55 **Neuroblastoma immunotherapy targeting CSF-1R reverses induction of suppressive myeloid cells and controls aggressive tumor progression**

Nina Eissler, Karolinska Institutet

16.55 - 17.10 **Binding of Pin1 to unphosphorylated c-Myc in a fuzzy complex regulates c-Myc activity**

Maria Sunnerhagen, Linköping University

18.00 – 19.30 *Dinner*

19.30 – 21.00 **Poster session**

Room: Taube and Sandberg

Tuesday November 10

8.30 – 10.00 **Parallel sessions:**

Meet the expert session for clinicians

Mark Kieran, Dana Farber Cancer Institute Harvard Medical School

Chairs: Birgitta Lannering, University of Gothenburg

Room: Sandberg 1

Meet the professor session for junior researchers

Celeste Simon, University of Pennsylvania School of Medicine

Chairs: Sven Pålman, Lund University

Room: Sandberg 2

Animal models in neuroblastoma and pediatric CNS research

Chairs: Anna Darabi, Lund University and Alexander Pietras, Lund University

Room: Banquet Hall

8.30 – 8.45 **Neuroblastoma patient-derived orthotopic xenografts: clinically relevant models for drug testing**

Daniel Bexell, Lund University

8.45 – 9.00 ***In situ* cytometric analysis of neuroblastoma chemotherapy response, high-throughput screening in homologous embryonic microenvironment**

Lars Åhrlund Richter, Karolinska Institutet

9.00 – 9.15 ***In vivo* modeling of high grade glioma for oncology drug development**

Cecilia Krona, Uppsala University

9.15 – 9.30 **Metastasis and tumor recurrence from rare SOX9-positive cells in MYCN-driven medulloblastoma**

Vasil Savov, Uppsala University

9.30 – 10.00 Discussion



10.00-10.30 *Coffee*

Targets and therapies I

Chairs: Klas Blomgren, Karolinska Institutet and Sonia Lain, Karolinska Institutet

10.30 – 11.15 **Biologic Pathways as Possible Treatments in Pediatric Low-Grade Gliomas**

Mark Kieran, Dana Farber Cancer Institute, Harvard Medical School

11.15 – 11.45 **Clinical Neuroblastoma Update**

Ingrid Øra, Lund University and Per Kogner, Karolinska Institutet

11.45-13.00 *Lunch*

Targets and therapies II

Chairs: Tommy Martinsson, University of Gothenburg and Ingrid Øra, Lund University

13.00 – 13.20 **The 1p36 gene KIF1B β mediating neuroblastoma tumor suppression**

Susanne Schlisio, Ludwig Institute for Cancer Research, Karolinska Institutet

13.20 – 13.35 **Anaplastic lymphoma kinase gain-of-function mutations found in neuroblastoma patients are inhibited by AP26113, ARIAD's second-generation ALK inhibitor**

Joachim Siaw, University of Gothenburg

13.35– 14.05 **Selected poster presentations**

14.05 – 14.20 **The Swedish Biobank for Childhood Tumors, Barntumörbanken**

Teresita Diaz de Ståhl, Karolinska Institutet

14.20 – 14.30 **Clinical fellow update**

Birgitta Lannering, Per Kogner, NBCNS
Clary Georgantzi, Uppsala University Hospital

14.30 – 15.00 **Concluding remarks**

15.00 *Coffee*