

8:15-8:30	Welcome and introduction
SESSION I. Neuroblastoma developmental biology and models.	
Chairs: Malin Wickström and Oscar Bedoya	
8:30-8:45	Kasper Karlsson, Ph.D.: <i>High throughput drug screening - comparison across neuroblastoma model systems</i>
8:45-9:00	Johan Holmberg, Ph.D.: <i>HIF2a as a regulator of MYCN and cellular state in neuroblastoma</i>
9:00-9:15	Igor Adameyko, Ph.D.: <i>Digging into diversity of the neural crest lineage</i>
9:15-9:30	Yumeng Mao, Ph.D.: <i>Reshaping innate immunity to combat neuroblastoma</i>
9:30-9:45	Martin Enge, Ph.D.: <i>Single-cell multiomics for cancer biology</i>
9:45-10:00	Susanne Schlisio, Ph.D.: <i>Exploring drivers phenotypic plasticity in pheochromocytoma, paraganglioma and neuroblastoma progression</i>
10:00-10:30	Coffee break
Chairs: Yumeng Mao and Karin Larsson	
10:30-10:45	Ninib Baryawno, Ph.D.: <i>Tumor cell clonality at the single-cell level in human neuroblastoma</i>
10:45-11:00	John-Inge Johnsen, Ph.D.: <i>Chromosome 17 in neuroblastoma: What is the deal?</i>
11:00-11:20	<b>NBCNS lecturer</b> – Daniel Bexell, Ph.D. (Lund University, Sweden): <i>Patient-derived xenografts as models for neuroblastoma drug testing and chemoresistance</i>
11:20-11:50	<b>Selected presentations Post-docs and Ph.D. students. Chairs: Wenyu Li (Ph.D. student), Lourdes Sainero Alcolado (Ph.D. student).</b> Bethel Embaie (Ph.D. student, Baryawno lab): <i>Deciphering the transcriptomic landscape of a neuroblastoma transgenic mouse model</i> Mingzhi Liu (Ph.D. student, Wilhelm lab): <i>Modeling neuroblastoma using patient-derived induced pluripotent stem cells</i> Divya Nagarajan, Ph.D. (Postdoc, Mao lab): <i>Decoding tumor-intrinsic mechanisms of resistance to a-PD1 blockade using genome-wide CRISPR screening approach in high-risk Neuroblastoma.</i>
11:50-13:35	Lunch
SESSION II. Translational research in neuroblastoma.	
Chairs: Margareta Wilhelm and Ninib Baryawno	
13:35-13:55	<b>NBCNS lecturer</b> – Marika Nestor, Ph.D. (Uppsala University, Sweden): <i>Strategies for improved molecular radiotherapy of neuroblastoma</i>
13:55-14:15	<b>NBCNS lecturer</b> – Ruth Palmer, Ph.D. (University of Gothenburg, Sweden): <i>Exploiting model organisms to interrogate ALK signaling in neuroblastoma</i>
14:15-14:30	Oscar Bedoya, Ph.D.: <i>Deciphering the transcriptional profile of high-risk neuroblastomas in age and its similarities with other malignancies</i>
14:30-14:45	Marie Arsenian-Henriksson, Ph.D.: <i>Reprogramming metabolism for precision medicine in childhood neuroblastoma</i>
14:45-15:00	Tomas Bixelius, M.D., Ph.D.: <i>Rationale and opportunity for chronotherapy in neuroblastoma</i>
15:00-15:15	Per Kogner, M.D., Ph.D.: <i>Precision medicine in Neuroblastoma</i>
15:15-15:45	Coffee break
Chairs: Kasper Karlsson and John-Inge Johnsen	
15:45-16:00	Malin Wickström, Ph.D.: <i>Exploring the potential of ROCK inhibitors for neuroblastoma therapy</i>
16:00-16:15	Jakob Stenman, M.D., Ph.D.: <i>Development of targeted radiopharmaceutical therapy for neuroblastoma</i>
16:15-16:30	Karin Larsson, Ph.D.: <i>Advancing tumor spheroid models to develop a sustainable cancer drug discovery process</i>
16:30-17:00	<b>Selected presentations Post-docs and Ph.D. students. Chairs: Mingzhi Liu (Ph.D. student), Bethel Embaie (Ph.D. student).</b> Suhars Darekar, Ph.D. (Postdoc, Lain lab): <i>Killing neuroblastoma cells selectively and quickly</i> Solrun Kolbeinsdottir (PhD student, Enge lab): <i>Effects of subclonal gene dosage in cancer</i> Sara Abu Ajameih, (PhD student, Wickström lab): <i>Characterization of Teneurin 4 and its role in neuroblastoma tumorigenesis</i>
Chairs: Marie Arsenian-Henriksson and Per Kogner	
17:00-18:00	<b>NBCNS lecturer</b> – Jan Molenaar, M.D., Ph.D. (Princess Maxima Center, the Netherlands): <i>Molecular and Immune interventions, new options in neuroblastoma</i>
18:00-18:15	Closure
18:15-20:00	Reception