

BLACK SEA NEUROGENESIS - PROGRAMME

Varna, Bulgaria, 01-03 June 2023

WEDNESDAY, MAY 31 – ARRIVAL

20:00 **Speakers' Welcome Dinner**
Registration, poster placement

DAY 1: THURSDAY, JUNE 1

08:30 Registration, poster placement

09:00 Welcome address and opening

Session on developmental neurogenesis (09:30 - 12:00)

09:30 - **Special lecture: Victor Borrell**
10:30 Evolution of neurogenesis and cortical complexity

10:30 - 11:00 COFFEE BREAK AND CONFERENCE PHOTO

11:00 - **Boyan Bonev**
11:30 Epigenetic regulation of cortical development and evolution

11:30 - **Michael Heide**
12:00 Neocortex evolution, development and malformation:
Lessons from primate and patient-derived brain organoids

12:00 - 16:00 LUNCH AND FREE TIME

Session on developmental neurogenesis (16:00 - 17:30)

16:00 - **Sven Falk**
16:30 Molecular control of cellular identity

16:30 - **Eckart Förster**
17:00 Reelin signalling, progenitor cells and migrating neurons

17:00 - **Stavros Taraviras**
17:30 Distinct responses of neural stem and progenitor cells to replication stress

17:30 - 18:30 COFFEE BREAK + POSTERS

Session on developmental neurogenesis (18:30 - 20:00)

18:30 - **Pauline Ulmke**
19:00 Intermediate progenitor cells in cortical (mal)formation

19:00 - **Special Lecture: Hiroshi Kawasaki**
20:00 Molecular mechanisms underlying the formation of folds on the mammalian cerebral cortex

20:00 Opening reception

DAY 2: FRIDAY, JUNE 2

Session on developmental neurogenesis (09:00 - 12:00)

09:00 - **Special Lecture: Denis Jabaudon**
10:00 Encoding space and time in the developing brain

10:00 - **Simon Hippenmeyer**
10:30 Principles of neural stem cell lineage progression

10:30 - 11:00 COFFEE BREAK

11:00 - **Gregor Eichele**
11:30 Extracellular vesicles derived from the choroid plexus trigger the differentiation of neural stem cells

11:30 - **Thorsten Döppner**
12:00 Lipid droplet accumulation in residing microglia and its impact on post-stroke neurogenesis

12:00 - 16:00 LUNCH AND FREE TIME

Session on adult neurogenesis (16:00 - 17:30)

16:00 - **Harold Cremer**
16:30 Neuronal integration in the postnatal and adult olfactory bulb

16:30 - **Nicolas Toni**
17:00 Regulation of adult hippocampal neurogenesis in the context of anxiety

17:00 - **Tommaso Mazza**
17:30 Emerging multi-omics methods for neurogenesis studies

17:30 - 18:30 COFFEE BREAK + POSTERS

Session on adult neurogenesis (18:30-20:00)

18:30 - **Anton Tonchev**
19:00 Transcriptional profiling of adult monkey neurogenic zones following cerebral ischemia

19:00 - **Special lecture: Zaal Kokaia**
20:00 Reconstruction of cortical neuronal networks with human reprogrammed cells

20:00 Dinner

DAY 3: SATURDAY, JUNE 3

Session on adult neurogenesis (09:00-12:00)

09:00 - **Special Lecture: Federico Calegari**
10:00 Adding neurons to the brain to improve its function

10:00 - **Noelia Urbán**
10:30 Local and systemic regulation of adult neurogenesis

10:30 - 11:00 COFFEE BREAK

11:00 - **Pierre Lavenex**
11:30 Lesion-induced plasticity in the primate medial temporal lobe

11:30 - **Bogdan Draganski**
12:00 The curious case of modulating human hippocampal neurogenesis

12:00 - 16:00 LUNCH AND FREE TIME

Session on neural stem cells and glioblastoma (16:00-17:00)

16:00 - **Nadejda Tsankova**
16:30 The right place at the right time: Multi-omics resolves the transience and diversity during human gliogenesis and provides clues to diseased states

16:30 - **Manlio Vinciguerra**
17:00 Liquid biopsies and diffuse intrinsic pontine glioma (DIPG)

17:00 - 18:00 COFFEE BREAK + POSTERS

"Neurogenesis – further aspects" (18:00-20:00)

18:00 - **Dimitre Staykov**
18:30 Art, music, and the ill and recovering brain

18:30 - **Wieland B. Huttner**
19:00 Neocortex expansion in development and human evolution – the role of metabolism

19:00 - **Special Lecture: Zoltán Molnár**
20:00 Evolution of thalamocortical development

CONFERENCE CLOSING

SPEAKERS' FAREWELL DINNER