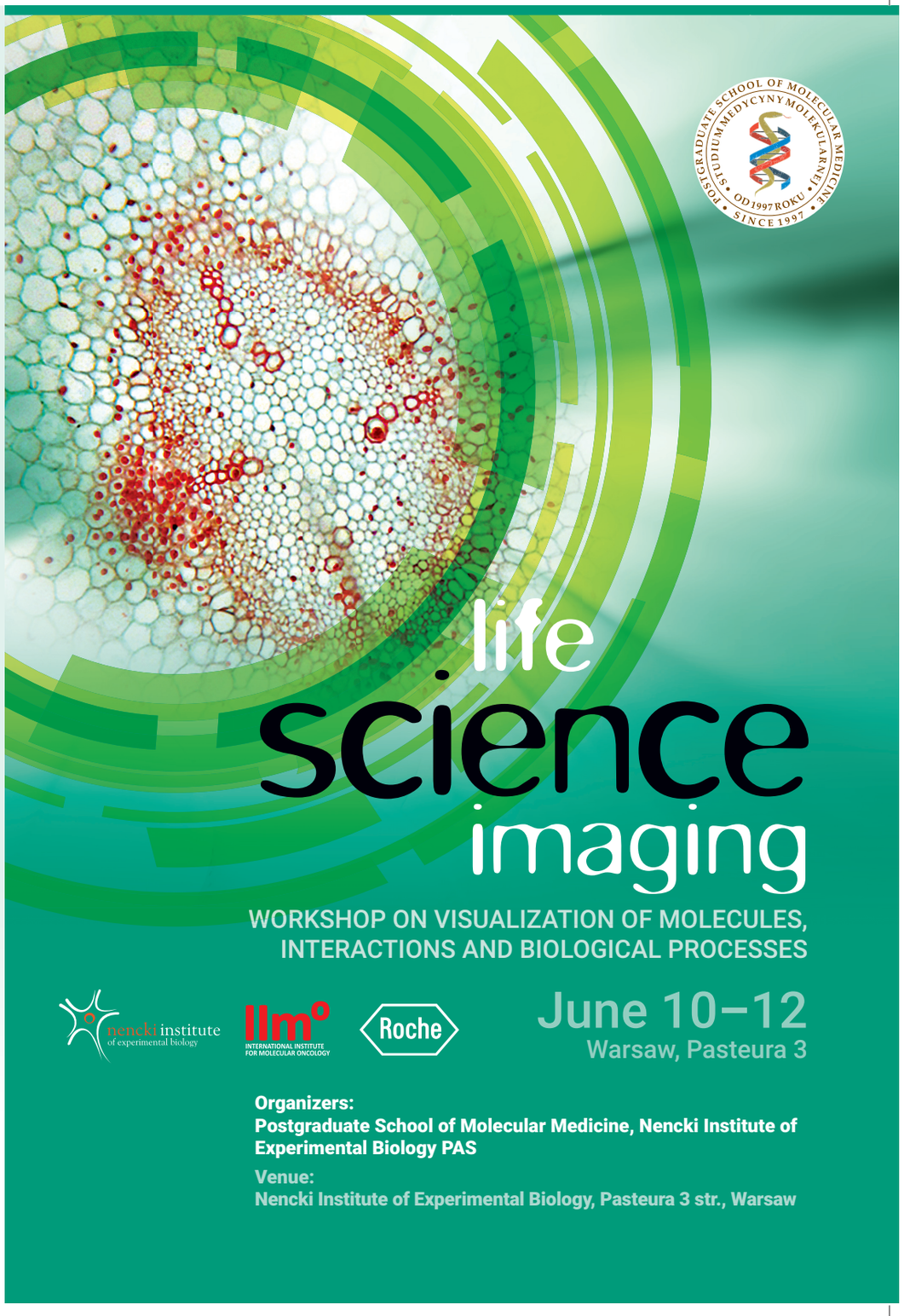
JUNE 12TH, 2019

VISUALIZATION OF ORGANELLES, CELLULAR INTERACTIONS AND PROCESSES

9.00–9.35	Jakub Włodarczyk (Nencki Institute, Warsaw, PL) – Visualisation of synaptic remodeling in stress related disorders
9.35–10.10	Jacek Jaworski (International Institute of Molecular and Cellular Biology Warsaw, PL) – Intracellular trafficking in neurons
10.10–10.45	Claudine Kieda (Military Institute of Medicine, Warsaw, PL) – Mechanisms of angiogenesis and the role of angiogenesis in pathologies
10.45–11.15	Coffee break
11.15–11.50	Katarzyna Piwocka (Nencki Institute, Warsaw, PL) – Not only gene mutations matter; Stress response, translation and personalized therapies in leukemia
11.50–12.25	Mariusz Więckowski (Nencki Institute, Warsaw, PL) – What can we foretell from mitochondrial parameters?
12.25–13.00	Halina Waś (Military Institute of Medicine, Warsaw, PL) – Autophagy modulation restores proliferative potential of senescent cancer cells
13.00–13.40	Lunch break
13.40–16.00	Practicals in flow cytometry (Katarzyna Piwocka, Nencki Institute, Warsaw, PL)

Contact:
Postgraduate School of Molecular Medicine
Trojdena 2A Street, room 216
02–091 Warsaw
tel. 22 57 20 558
e-mail: smm@wum.edu.pl
smm.wum.edu.pl

Fundusze Europejskie
Rzeczpospolita Polska
Unia Europejska
Europejskie Fundusze Strukturalne i Inwestycyjne



JUNE 10TH, 2019

TUMOR IMMUNOLOGY AND IMMUNOTHERAPY

9.30–10.05 Cezary Szczylik (European Health Centre, Otwock, PL) – Personalized treatment in oncology

10.05–10.40 Salem Chouaib (Institute Gustave Roussy, Villejuif, France) – Immunotherapy: concepts, challenges and drawbacks

10.40–11.10 Coffee break

11.10–11.45 Radosław Zagożdżon (Medical University of Warsaw, PL) – Checkpoint blockade and CAR - combining two mainstream cancer immunotherapy approaches into one Visualizing the genome

11.45–12.20 Magda Bienko (Karolinska Institutet, Stockholm, Sweden) – Illuminating genome organization through integrated Microscopy and Sequencing.

12.20–12.55 Nicola Crosetto (Karolinska Institutet, Stockholm, Sweden) – Mapping genome fragility in normal and cancer cells

12.55–13.30 Alicja Józkowicz (Jagiellonian University, Krakow, PL) – Reporter animals- how to analyze a hematopoietic niche?

13.30–14.10 Lunch break

14.10–16.30 Practicals in neuronal cell cultures/myeloid cell subset isolation (Magdalena Dziembowska-CENT/ N. Ochocka, Kacper Walentynowicz-Nencki Institute)

JUNE 11TH, 2019

STEM CELLS, THEIR BIOLOGY AND INTERACTIONS WITH THE IMMUNE SYSTEM

9.00–9.35 Dominika Nowis (CENT- UW/ Medical University of Warsaw, PL) – The role of arginase-1 in the development of antitumor immune response

9.35–10.10 Bożena Kamińska (Nencki Institute, Warsaw, PL) – Heterogeneity of tumor microenvironment: lessons from animal models and single cell RNA-sequencing

10.10–10.45 Agnieszka Kobielak (CENT/ Medical University of Warsaw, PL) – Cancer stem cells heterogeneity due to origin and high plasticity

10.45–11.10 Coffee break

11.10–11.45 Matthew Guille (University of Portsmouth, UK) – Xenopus as tools for understanding gene regulation and function

11.45–12.20 Ewa Zuba-Surma (Jagiellonian University, Krakow, PL) – Extracellular vesicles - biological significance and perspectives in applications in biomedical sciences

12.20–12.55 Maciej Wiznerowicz (International Institute of Molecular Oncology, Poznan, PL) – Cancer Stemness as Hallmark of Oncogenic Progression

12.55–13.30 Jan Lubiński (International Hereditary Cancer Center, Pomeranian Medical University, Szczecin, PL) – NGS and diagnostic progress in clinical genetics of cancer

13.30–14.10 Lunch break

14.10–16.30 Tomasz Stokowy (University of Bergen, Norway) – The signatures of mutational processes in cancer.
Practicals: Tomasz Stokowy (University of Bergen, Norway) Identifying mutational signatures in R: From cancer genome to personalized therapy.