

Gliwice Scientific Meetings 2018

Preliminary Scientific Program

Friday 16th November 2018

09.00 – 09.15 Opening

09.15 – 11.15 Session I

Cancer Genetics and Genomics [chairperson: Ewa Grzybowska]

Asta Foersti (Heidelberg): Familial cancer variant prioritization pipeline applied to a Hodgkin lymphoma family

Pavel Vodicka (Praha): The role of DNA repair in response to treatment, disease progression and survival of sporadic colorectal cancer patients

Olga Haus (Bydgoszcz): *title pending*

Jan Lubiński (Szczecin): The latest advances in clinical genetics of hereditary breast cancer

Wojciech Fendler (Łódź/Boston): Detecting ovarian cancer with a data mining pipeline for circulating microRNAs

11.15 – 11.45 Coffee break

11.45 – 14.00 Session II

Immunity and Cancer [chairperson: Jolanta Jura]

Giulia Fontemaggi (Roma): Expression of ID4 protein in breast cancer cells determines reprogramming of tumor-associated macrophages

Claudine Kieda (Orleans/Warsaw): Angiogenesis-based normalisation of the inflammatory microenvironment in tumors

Theresa Whiteside (Pittsburgh): The potential diagnostic and prognostic role of plasma-derived exosomes in cancer

Marcin Majka (Kraków): SNAIL1 as a key player in a biology of rhabdomyosarcoma

Piotr Laidler (Kraków): Mechanisms of environmental signaling promoting epithelial-mesenchymal transition in cancer

14.00 – 15.00 Lunch

15.00 – 16.00 **Poster Session**

16.00 – 18.20 Session III

Metabolomics [chairperson: Piotr Widłak]

Malcolm Clench (Sheffield): Mass Spectrometry Imaging of drugs, metabolites and response in 3D cell models

Tone Bathen (Trondheim): In vivo molecular imaging of prostate cancer by MRSI and PET/MRI

Guro Giskeodegard (Trondheim): Metabolomics of breast cancer

Maciej Stobiecki (Poznań): Mass spectrometric techniques for structural characterization of natural products from biological material, applications in metabolomics

Ryszard T. Smoleński (Gdańsk): Analysis of cardiac and skeletal muscle metabolism with stable isotopomers and mass spectrometry

Karol Jelonek (Gliwice): Serum lipidomics in early detection of lung cancer

19.30 – 22.00 Conference Dinner

Saturday 17th November 2018

08.30 – 10.00 Session IV

Radiation Oncology [chairpersons: Krzysztof Skłodowski and Tomasz Rutkowski]

Wilko Verbakel (Amsterdam): Developments in radiotherapy: from history to future

Jacek Jassem (Gdańsk): My vision for cancer treatment

Barbara Bobek-Billewicz (Gliwice): Oncology without imaging – mission impossible?

Detailed program pending

10.00 – 10.20 Coffee Break

10.20 – 12.30 Session V

Chromatin and Gene Regulation [chairpersons Ronald Hancock and Joanna Rzeszowska]

Marion Cremer (Munich): Effects of selective degradation of the cohesin complex on higher order chromatin structures studied with live cell and super-resolved fluorescence microscopy

Thomas Cremer (Munich): Nuclear organization and function studied in space and time

Anastas Gospodinov (Sofia): The mammalian INO80 class chromatin remodelers in the maintenance of genome integrity during S-phase

Tomasz Sarnowski (Warszawa): Targeting of chromatin remodeling complexes as a basis for new anticancer therapies

Ryszard Rzepecki (Wrocław): Remodeling of chromatin during stress - a lesson from nuclear lamina proteins

12.30 – 12.50 Coffee Break

12.50 – 14.40 Session VI

Evolution of Cancer [chairperson: Marek Kimmel]

David Wheeler (Houston): Metabolic and developmental reprogramming in hepatocellular carcinoma

Simon Tavaré (New York/Cambridge): Studying tumours in 3.5D

Maciej Wiznerowicz (Poznań): Cancer stemness as hallmark of oncogenic progression

Marek Kimmel (Houston/Gliwice): Mutation, drift and selection in a single-driver hematological malignancy

14.40 – 15.00 Presentation of awarded posters, closing

15.00 – 15.30 Lunch

Conference venue:

*Education and Conference Center, Silesian University of Technology, 18 Konarskiego str.
Gliwice*

Registration and further information:

<http://gsn.io.gliwice.pl>