

Computation and Analytical Methods for Neoantigen Discovery

ICCVS Workshop, Gdańsk, 18 January 2018

Venue: University of Gdańsk, Intercollegiate Faculty of Biotechnology UG&MUG,
ul. Abrahama 58, Aula B

Program		
09:00-09:20	Robert O'Neill The University of Edinburgh, UK	Proteogenomics for cancer therapies
09:20-09:40	Jakub Faktor RECAMO, Brno Czech Republic	Detecting mutated peptides in human cancer cells
09:40-10:00	Chandra Verma A*STAR, Singapore, Republic of Singapore	MD of mhc class i peptide complexes
10:00-10:20 Break		
10:20-10:40	Fiona Lickiss The University of Edinburgh, UK	Proteostasis and Immune Signalling in Cancer
10:40-11:00	Ted Hupp ICCVS, University of Gdansk, Poland & The University of Edinburgh, UK	Discovering new genes in cancer cells that control MHC Class I production
11:00-11:20	Javier Alfaro University of Toronto, Canada	Proteogenomics of cancer mutations
11:20-11:40 Break		
11:40-12:00	Robin Fahraeus ICCVS, University of Gdansk, Poland & INSERM, Paris, France)	New biological sources of neoantigens in cancers
12:00-12:20	Stephan Thorgrimsen Immunitrak, Copenhagen Denmark	Neoepitope identification and validation by MHC based reagents. Assays, tetramers and more
12:20-12:40	Sune Justesen Immunitrak, Copenhagen Denmark	Affinity and stability measurements of MHC Class I peptide complexes
12:40-13:00 Break		



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13:00-13:20	Jonathan Heddle Jagiellonian University, Krakow Poland	Synthetic drug delivery vehicles (DNA origami and others)
13:20-13:40	Marc Blondel INSERM, Brest France	A yeast model for the mechanism of the oncogenic Epstein-Barr virus immune evasion identifies a new therapeutic target to interfere with the virus stealthiness
13:40-14:00	Hakan Axelson Lund University, Sweden	Transcriptional profiling of the nephron and renal tumors
14:00-14:20	break	
14:20-14:40	Jane Zhi University of Turku, Finland	Proteomics of T cells
14:40-15:00	Irena Dapic University of Zagreb, Croatia	Proteomics of cancer
15:00-15:20	Maciej Parys The University of Edinburgh, UK	Veterinary models and cancer
15:20-15:40	break	
15:40-16:00	Laura Bindila University of Mainz, Germany	Immunology active lipids
16:00-16:20	David R. Goodlett University of Maryland, Baltimore USA	Lipidomics and proteomics in infectious diseases
16:20-16:40	Yury Tsybin Spectroswiss, Laussane Switzerland	Data analysis developments



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