

MONDAY 30.05.2022 - LECTURES**8:15 – 9:00** **REGISTRATION****9:00 – 9:20** **WELCOME****Session 1: EVs in immuno-oncology and cancer research (30 min talks + 5 min discussion)****9:20-9:55** *The potential role of exosomes in cancer plasma as biomarkers of tumor progression*
Theresa L. Whiteside, University of Pittsburgh, Pittsburgh, USA**9:55-10:30** *Melanoma Cell-Derived Small Extracellular Vesicles and Their Role in Cancer Progression*

Monika Pietrowska, Maria Skłodowska-Curie National Research Institute of Oncology, Gliwice, Poland

10:30-11:05 *Impact of oncogenes on extracellular vesicle-mediated regulatory pathways in cancer*
Janusz Rak, McGill University, Montreal, Quebec, Canada**11:05-11:30** **Coffee break****11:30–12:05** *Exosomes in Immune Suppression and Tumor Progression*

Wei Guo, University of Pennsylvania, Philadelphia, USA

12:05–12:40 *Role of modified tumor-derived exosomes in the modulation of the tumor microenvironment*

Joanna Rossowska, Ludwik Hirszfeld Institute of Immunology and Experimental Therapy, Polish Academy of Sciences, Wroclaw, Poland

12:40–13:15 *Use of exosome as part of a combined multi - modality approach to risk stratify cancer patient for disease progression in response to treatment*

Tony Ng, King's College London, London, UK

13:15-14:00 **Lunch****Session 2: EVs in the clinic: therapeutical applications, implications for cancer treatment (30 min talks + 5 min discussion)****14:00 – 14:35** *Stem cell- derived extracellular vesicles as proregenerative regulators in tissue repair*
Ewa Zuba-Surma, Jagiellonian University, Cracow, Poland**14:35 – 15:10** *Clinical Potential of MSC-EVs and Translational Challenges*
Bernd Giebel, University of Duisburg-Essen, Essen, Germany**15:10-15:45** *Radiation-induced bystander effect mediated by exosomes involves the replication stress in recipient cells*

Piotr Wiđak, Medical University of Gdansk, Gdansk, Poland

15:45-16:00 **Coffee break****Session 3: EV-research within the EVIONA project at WUM (15 min talks + 5 min discussion)****16:00-16:20** *Inhibitory effect of tumor-derived EVs on the efficacy of therapeutic antibodies*
Beata Pyrzyńska, Medical University of Warsaw, Warsaw, Poland**16:20-16:40** *Detection of arginase containing small extracellular vesicles in biological fluids of endometriosis patients as a potential immunosuppressive factor*

Karolina Soroczyńska, Medical University of Warsaw, Warsaw, Poland

16:40-17:00 *Characterization of Extracellular Vesicles from Bronchoalveolar Lavage Fluid and Plasma of Patients with Lung Lesions Using Fluorescence Nanoparticle Tracking Analysis*

Magdalena Długolecka, Medical University of Warsaw, Warsaw, Poland

19:30 **Dinner for the invited guests**