



Conference on stem cells for disease modelling and therapy

29-30 November 2023
Jagiellonian University, Kraków



An Una Europa Focus Area

Conference, 2023 @Jagiellonian University



Conference on stem cells for disease modelling and therapy

Solidarity with Ukraine – European Universities

funding the cooperation with Ukrainian universities within EU alliances

29-30 November 2023, Kraków

Venue:

Campus of the 600th Anniversary of the Jagiellonian University Revival
Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University; room: P1.2
7 Gronostajowa Street, 30-387 Kraków
On-site meeting, with on-line transmission of the lectures.

Day 1 – 29 NOVEMBER (Wednesday)

8:30 – 9:00	Registration and welcome coffee
9:00 – 9:15	Official opening of the Conference
9:15 – 10:00	Stem cells for disease modelling, drug research and therapy <i>Józef Dulak</i>
10:00 – 10:45	CRISPR/Cas9 gene editing technology <i>Jacek Stępniewski</i>
10:45 – 11:00	Discussion
11:00 – 11:30	Coffee break
11:30 – 11:50	Cardiac disease models: animals and iPSC-derived cells <i>Urszula Florczyk-Soluch</i>
11:50 – 12:10	Methods for analysing iPSC-derived endothelial cells <i>Agnieszka Łoboda</i>
12:10 – 12:30	Measuring cellular metabolism of iPSC-derived cells <i>Monika Biniecka</i>
12:30 – 13:30	Lunch break
13:30 – 14:00	Induced pluripotent stem cells (iPSC) and CRISPR/Cas9 for modelling of Duchenne muscular dystrophy <i>Józef Dulak</i>
14:00 – 14:30	Patient-derived iPSC for modelling of neurological diseases <i>Jacek Stępniewski</i>
14:30 – 15:00	Stem cells in research and therapy of diabetes <i>Małgorzata Borowiak</i>

15:00 – 15:20	iPSC for modelling of Maturity-Onset Diabetes of the Young (MODY) <i>Neli Kachamakova-Trojanowska</i>
15:20 – 15:30	Discussion
15:30 – 16:00	Coffee break
16:00 – 17:00	Caring for patients with Duchenne muscular dystrophy: the physicians perspective <i>An on-line meeting with physicians from Medical University of Gdańsk</i> - Standards of care in Duchenne muscular dystrophy, <i>Karolina Śledzińska</i> - Caring for patients with Duchenne muscular dystrophy: the cardiologist's perspective, <i>Jarosław Meyer-Szary</i> - Multidisciplinary care of Duchenne muscular dystrophy patients: a model from a Rare Disease Centre in Gdańsk, <i>Karolina Śledzińska</i> - MeDMD: A Non-Commercial Clinical Trial to Optimize Pharmacological Cardiomyopathy Prevention in DMD children, <i>Jarosław Meyer-Szary</i> Moderators: <i>Jolanta Wierzba, Joanna Kwiatkowska</i>
17:00 – 17:30	Q&A session

Day 2 – 30 NOVEMBER (Thursday)

9:00 – 9:45	Unproven cellular interventions: global and Polish perspectives <i>Józef Dulak</i>
9:45 – 10:15	Role of CAT EMA in supervising the stem cell therapies <i>Dariusz Śladowski</i>
10:15 – 10:45	Regulatory aspects of unproven cellular interventions <i>Marlena Pecyna</i>
10:45 – 11:00	Discussion
11:00 – 11:30	Coffee break
11:30 – 12:30	Panel discussion Cell-based therapies: hopes and hypes – Polish and Ukrainian experience <i>Józef Dulak, Małgorzata Borowiak, Marlena Pecyna, Dariusz Śladowski</i>
12:30 – 13:30	Lunch break
13:30 – 15:00	Participants' presentations session
15:00 – 16:00	A visit to the Department of Medical Biotechnology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University

Speakers:

prof. dr hab. Józef Dulak – Department of Medical Biotechnology, Faculty of Biochemistry, Biophysics and Biotechnology, Jagiellonian University; email: jozef.dulak@uj.edu.pl

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dr med. Jarosław Meyer-Szaezy – Department of Paediatric Cardiology and Congenital Heart Defects, Medical University of Gdańsk; email: jaroslaw.meyer-szary@gumed.edu.pl

dr hab. Marlena Pecyna, prof. UJ – Chair of Civil Law, Faculty of Law and Administration, Jagiellonian University (UJ); email: marlena.pecyna@uj.edu.pl

dr hab. Dariusz Śladowski – Department of Transplantology and Central Tissue Bank, Centre for Biostructure, Medical University of Warsaw; email: dariusz.sladowski@wum.edu.pl

Organizers:

Department of Medical Biotechnology

Prof. Józef Dulak – *chair*
Prof. Agnieszka Łoboda
Joanna Uchto-Bajólek, MA

International Relations Office

Dr eng. Izabela Zawiska
Marzena Butanowicz, MA
Katarzyna Włodkowska-Łoziak, MA

NOTE: The presentations will be recorded and access to the recordings will be available after the meeting to registered delegates only and must not be shared or distributed.

