

# 4<sup>th</sup> Central European Biomedical Congress

entitled *Impact of bioinformatics and omics on biology and medicine* - May 19-22, 2020



Date	Time	Venue	Event	Chair
May 19, 2020	11 a.m.	Auditorium Maximum, Krupnicza Street	Registration	Honorary Committee
	12 a.m.		Bugle Kraków	
	12.15-12.45 a.m.		Welcome message	
	12.45 a.m.-1.45 p.m.		<b>Inaugural lecture (PL. 1, Plenary lecture 1)</b> <b>Francesco Pavone</b> European Laboratory for Non Linear Spectroscopy and Department of Physics, University of Florence, Italy	Professor Dominika Dudek, MD
	1.45-2.15 p.m.		Coffee break	
	2.15-4.15 p.m.		<b>Session 1</b> Medium Hall A <i>Biological context of bipolar disorder</i> <b>S.01-1</b> Dominika Dudek <i>Chronobiology and social rythms in bipolar disorders</i> <b>S 01-2</b> Janusz Rybakowski <i>Lithium: mechanisms of action in association with BD neurobiology</i> <b>S 01-3</b> Marcin Siwek <i>Biomarkers of staging in BD</i> <b>S 01-4</b> Adrian Chrobak <i>Neurocognitive and motor deficits in BD – neuroimaging and clinical studies</i>	

		<p><b>Session 2</b> Medium Hall B  <b><i>Endocannabinoid signaling in health and disease</i></b></p> <p><b>S.02-1</b>  <b>Vincenzo Di Marzo</b>          Université Laval, Canada, Institute of Biomolecular Chemistry, CNR, Italy  <i>Bidirectional interaction between the gut microbiome and the endocannabinoidome</i></p> <p><b>S 02-2</b>  <b>Andrew Scheyer</b>          Institut de Neurobiologie de la Méditerranée INMED, France  <i>Lifetime Consequences of Perinatal Cannabinoid Exposure</i></p> <p><b>S 02-3</b>  <b>Ruth Ross</b>          University of Toronto, Canada  <i>Novel CB1 Receptor Negative Allosteric Modulators with Potential for the Treatment of Psychosis</i></p> <p><b>S 02-4</b>  <b>Martin Kaczocha</b>          Stony Brook University, USA  <i>FABP5 as a Trans-Synaptic Carrier for Endocannabinoids</i></p> <p><b>Beat Lutz</b>          University Medical Center, Johannes Gutenberg University Mainz, Germany  <i>Anandamide Signaling in Stress Coping: For Good or Bad?</i></p>	Katarzyna Starowicz - Bubak, PhD
	4.30-5.00 p.m.	Kraków – movie Film about the Maj Institute of Pharmacology Polish Academy of Sciences	
	5.00-8.00 p.m.	Welcome party	

Date	Time	Venue	Event	Chair
May 20, 2020	8.30 a.m.-5.00 p.m.	Auditorium Maximum, Krupnicza Street	Registration	
	9.30-11.00 a.m.		<b>Session 3</b> - Medium Hall A <i>The role of serotonin in neurodevelopmental disorders</i> <b>S.03-1</b> <b>S 03-2</b> <b>S 03-3</b> <b>S 03-4</b>	Professor Piotr Popik, PhD Agnieszka Nikiforuk, PhD
			<b>Session 4</b> - Medium Hall B <i>Biomarkers discovery in mental disorders</i> <b>S.03-1</b> <b>S 03-2</b> <b>S 03-3</b> <b>S 03-4</b>	Bernadeta Szewczyk, PhD
	11.00-11.30 a.m.		Coffee break	
	11.30-12.15 a.m.		Expert panel and presentation - Medium Hall	
	12.15 a.m. -1.00 p.m.		<b>Plenary lecture 2</b> - Medium Hall <b>PL. 2</b> <b>Ronald S. Duman</b> Department of Psychiatry, Yale University School of Medicine, New Haven, Connecticut	
	1.00 - 2.00 p.m.		Lunch break - Exhibition Room	
	2.00-4.00 p.m.		<b>Poster session 1</b> - Exhibition Room	
			<b>Session 5</b> - Medium Hall A <i>Neuroimaging – beyond the structure</i> <b>S 05-1</b> <b>S 05-2</b> <b>S 05-3</b> <b>S 05-4</b>	Professor Joanna Pera, PhD
			<b>Session 6</b> - Medium Hall B <i>Perspectives for therapy of treatment-resistant depression</i> <b>S 06-1</b> <b>S 06-2</b> <b>S 06-3</b> <b>S 06-4</b>	Professor Mariusz Papp, PhD
4.00-4.30 p.m.	Coffee break			

	4.30-6.30 p.m.		<p><b>Session 7 - Medium Hall A</b>  <i><b>Presentations from ERC grant Awardees</b></i></p> <p><b>S 07-1</b>  <b>S 07-2</b>  <b>S 07-3</b>  <b>S 07-4</b></p>	<p>Jan Manuel Rodriguez  Parkitna, PhD</p>
			<p><b>Session 8 - Medium Hall B</b>  <i><b>Clinical genomics</b></i></p> <p><b>S 08-1</b>  <b>S 08-2</b>  <b>S 08-3</b>  <b>S 08-4</b></p>	<p>Michał Korostyński, PhD  Michał Dąbrowski, PhD</p>

Date	Time	Venue	Event	Chair
May 21, 2020	8.00 a.m.-5.00 p.m.	Auditorium Maximum, Krupnicza Street	Registration	
	9.00-11.00 a.m.		<b>Session 9</b> - Medium Hall A <i>Chem- and bioinformatics in drug design</i>  <b>S.09-1</b> <b>S.09-2</b> <b>S.09-3</b> <b>S.09-4</b>	Professor Andrzej Bojarski, PhD
			<b>Session 10</b> - Medium Hall B <i>Genes Affect Your Risk for Addiction</i>  <b>S.10-1</b> <b>L. Caffino</b> Department of Pharmacological and Biomolecular Sciences, Università degli Studi di Milano, Italy <b>S.10-1</b> <b>S.10-2</b> <b>S.10-3</b> <b>S.10-4</b>	Małgorzata Frankowska, PhD Irena Smaga-Maślanka, PhD
	11.00-11.30 a.m.		Coffee break	
	11.30-11.45 a.m.		Presentation - Medium Hall	
	11.45-12.45 a.m.		<b>Plenary lecture 3</b> - Medium Hall <b>PL. 3</b> <b>Francesco Battaglia</b> Donders Institute for Brain, Cognition and Behaviour, Radboud Universiteit, Nijmegen, the Netherlands	
	12.45 a.m.-1.15 p.m.		Lunch break - Exhibition Room	
	1.15-2.45 p.m.		<b>Poster session 2</b> - Exhibition Room  <b>Session 11</b> - Medium Hall <i>Computational Personalised Medicines</i>  <b>S.11-1</b> <b>S.11-2</b> <b>S.11-3</b> <b>S.11-4</b>	

	2:45-3.15 p.m.		Coffee break	
	3.15-5.45 p.m.		<b>Workshop - Seminar Room, Conference Room</b> <b>Due to the limited availability of seats, registration is strongly recommended and will be provided until April 27, 2020.</b>	
	8.00-11.00 p.m.		Congress dinner	

Date	Time	Venue	Event	Chair
<b>May 22, 2020</b>	9.00 a.m.-10 a.m.	Auditorium Maximum, Krupnicza Street	Registration	
	<b>10.00-12.00 a.m.</b>		<b>Session 13</b> - Medium Hall <i>Young Scientific Investigators' Session</i> <b>S.12-1-10</b>	Rafał Ryguła, PhD Karolina Noworyta-Sokołowska, PhD
	12.00-12.15 a.m.		Coffee break	
	12.15-1.15 a.m.		<b>Plenary lecture 4</b> - Medium Hall <b>PL. 4</b> <b>TBA</b>	
	1.15 – 2.00 p.m.		Lunch break - Exhibition Room	
	2.00-3.00 p.m.		Closing & Award ceremony - Medium Hall	Professor Małgorzata Filip Professor Joanna Pera