

17th

International
Congress of the Polish
Neuroscience Society

2-5.09.2025 Wrocław, Poland



Program



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We are delighted to welcome the neuroscience community to the 17th International Congress of the Polish Neuroscience Society (PTBUN)!

Founded in 1991, PTBUN has played a pivotal role in uniting researchers from diverse branches of neuroscience and promoting international cooperation. Regular Congresses serve as a forum for scholars to share exciting discoveries, exchange ideas, explore collaboration opportunities, and create novel research alliances. PTBUN dedicated to cultivating an environment encouraging interdisciplinary dialogue and stimulating interactions with discipline leaders worldwide.

For the first time, the Congress is hosted by Wrocław, the heart of Lower Silesia, marked by a complex history and multinational heritage. Wrocław has long traditions in scientific excellence, with more than 10 Nobel prize winners born, studied, or lived in the city. The Department of Psychiatry, established in the late 19th century, was led by godfathers of neurology, including Hans Wernicke and Alois Alzheimer. Nowadays, local research capacity is rapidly growth through innovation centers (e.g. Wrocław Biotech Hub called to live in 2025, R&D centers of the world's biggest companies) and emerges as an important landmark on the European map of science & technology.

The Congress is organized jointly by the PTBUN, Łukasiewicz – PORT Polish Center for Technology Development and Wrocław University of Science and Technology, with the active contribution of University of Wrocław, Wrocław Medical University, and Wrocław University of Environmental and Life Sciences.



Welcome



We are encouraging you to benefit from the opportunity to network and build lasting connections with colleagues from diverse disciplines of brain research. We wish you a memorable and enriching scientific gathering and wonderful time exploring the cultural offerings of Wrocław,

Irena Nalepa

Chair of the Scientific Committee,
President of the Polish Neuroscience Society

Michał Ślęzak

Chair of the Organizing Committee,
Łukasiewicz Research Network – PORT

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from 8.00	Registration Opens	
10.00 – 13.30	Satellite Symposium: European Networking for Brain Research	Hall 10 A/C
10.00 – 11.00	HE Twinning 'SAME-NeuroID' Chair: Witold Konopka (Łukasiewicz – PORT, Wrocław, Poland) Speakers: Witold Konopka, Agnieszka Krzyżosiak, Michał Ślęzak, Femke de Vrij, Mathias Schmidt	Hall 10 A/C
11.00 – 12.00	HE Pathways to Synergies 'PANERIS' Chair: Jan Rodriguez Parkitna (Maj Institute of Pharmacology, PAS, Cracow, Poland) Speakers: Jan Rodriguez Parkitna, Toni Andreu, Osvaldas Rukšėnas	Hall 10 A/C
12.00 – 12.30	Coffee Break	
12.30 – 13.30	Panel Discussion: European Brain Research Initiatives	Hall 10 A/C
8.30 – 14.00	Arduino Workshop	Room 115
13.30 – 14:15	Lunch	
14.15 – 17.00	General Assembly of the Polish Neuroscience Society	Hall 10 D
15.00 – 16.45	Panel Discussion for General Audience	Hall 10 A/C
17.00 – 17:30	Coffee Break	



17.30 – 18.40	Official Opening Ceremony Jerzy Konorski Memorial Lecture <i>Molecular biology of synaptic plasticity</i> Speaker: Leszek Kaczmarek (Nencki Institute of Experimental Biology, PAS, Warsaw, Poland)	Hall 10 A/C
18.40 – 19.15	Flashtalks – highlights of submitted abstracts	Hall 10 A/C
19.30	Welcome Reception	Main Hall



09.00 – 10.00	Keynote lecture <i>Gut feelings – Microbiome, Brain and Behaviour Across the Lifespan</i> Speaker: John Cryan (University of Cork, Cork, Ireland)	Hall 10 A/C
10.00 – 10.45	Flatau Award Lecture	Hall 10 A/C
10.45 – 11.15	Coffee break	
11.15 – 13.15	Symposium 1 <i>Advancing neuroscience with unbiased methods of automatization of behavioral studies</i> Chair: Bartosz Zglinicki (Łukasiewicz – PORT, Wrocław, Poland) Speakers: Aleksandra Badura, Adam Brosnan, Bartosz Zglinicki, Juan Pablo Lopez	Hall 10 A/C
	Symposium 2 <i>Zinc and the Brain: Unlocking Neurobiological Secrets</i> Chair: Bernadeta Szewczyk (Maj Institute of Pharmacology, PAS, Cracow, Poland) Speakers: Andreas M. Grabrucker, Jerome Ezan, Artur Krężel, Bernadeta Szewczyk	Hall 10 B
	Symposium 3 <i>Novel approaches for the PNS targeting and modulation</i> Chair: Mateusz Kucharczyk (Łukasiewicz – PORT, Wrocław, Poland) Speakers: Mateusz Kucharczyk, Jimena Perez-Sanchez, George Goodwin, Sara Jager	Hall 10 D



13.15 – 13.45	Lunch break	
13.45 – 15.00	Poster session I	Main Hall
15.00 – 17.00	Symposium 4 <i>Neurobiology of Early Life Adversity Across the Lifespan and Across Generations</i> Chair: Ali Jawaid (Łukasiewicz – PORT, Wrocław, Poland) Speakers: Mathias Schmidt, Aniko Korosi, Ali Jawaid, Weronika Tomaszewska	Hall 10 A/C
	Symposium 5 <i>On the way to Parkinson's disease: molecular, cellular and clinical aspects of prodromal synucleinopathies</i> Chair: Michał Węgrzynowicz (Mossakowski Medical Research Institute, Warsaw, Poland) Speakers: Nathalie Van Den Berge, Grzegorz Kreiner, Ambra Stefani, Giorgio Vivacqua	Hall 10 B
	Symposium 6 <i>Copper in the brain</i> Chair: Anna Członkowska (Institute of Psychiatry and Neurology, Warsaw, Poland) and Susan Gaskin (Institute of Psychiatry and Neurology, McGill University, Montreal, Canada) Speakers: Anna Członkowska, Susan Gaskin, Tomasz Litwin, Petr Dusek	Hall 10 D



17.00 – 17.30

Coffee Break

17.30 – 18.30

Keynote lecture

Hall 10 A/C

A neuroscientists' journey into environmental neuroscience. What large-scale human neuroimaging can tell us about the impact of environment and society on brain and behavior

Speaker: **Marcin Szwed**

(Institute of Psychology, Jagiellonian University, Cracow, Poland)



09.00 – 10.00	Keynote lecture <i>Time and Punishment: neural circuits shaping the encoding of adversity</i> Speaker: Andrew Holmes (National Institute on Alcohol Abuse and Alcoholism, NIH, USA)	Hall 10 A/C
10.00 – 10.45	Konorski Award Lecture talks for best publication 2023 & 2024 Coffee Break	Hall 10 A/C
10.45 – 11.15	Symposium 7 <i>Human Brain Development</i> Chair: Bogna Badyra (Nencki Institute of Experimental Biology, PAS, Warsaw, Poland) Speakers: Simona Lodato, Antonela Bonafina, Aleksandra Pękowska, Maciej Figiel	Hall 10 A/C
11.15 – 13.15	Symposium 8 <i>EEG/ECOG based functional connectivity neuroimaging in the rat – towards standardization and translation in neuropsychopharmacology</i> Chair: Daniel Wójcik (Nencki Institute of Experimental Biology, PAS, Warsaw, Poland) Speakers: Ivana Chrtkova, Theodor Doll, Jaroslav Láčík, Marian Døvgjalo	Hall 10 B
	Symposium 9 <i>Brain and metabolism</i> Chair: Joanna H. Śliwowska (University of Life Sciences, Poznan, Poland) and Monika Kaczmarek (Institute of Animal Reproduction and Food Research, Olsztyn, Poland) Speakers: Silvia Giatti, Monika M. Kaczmarek, Paloma Collado, Joanna H. Śliwowska	Hall 10 D



13.15 – 13:45	Lunch Break	
13.45 – 15.00	Poster session II	Main Hall
11.15 – 13.15	Symposium 10 <i>Unraveling the Social Brain: how hierarchies and partners, exogenous substances and hormones shape rodents behavior</i> Chair: Hanna Trebesova (Nencki Institute of Experimental Biology, PAS, Warsaw, Poland) Speakers: Hanna Hörnberg, Hanna Trebesova, Marzena Stefaniuk, Alan Kania	Hall 10 A/C
	Symposium 11 <i>Sponsor Presentations</i> I.C.LAB; Microsolutions; Labsoft sp. z o.o. (Bruker); ANIMALAB (Etisense, Inscopix)	Hall 10 B
	Symposium 12 <i>Intersecting Pathways: Neuroinflammation in Neurodegenerative Disease</i> Chair: Natalia Małek (Wroclaw University of Science and Technology, Wroclaw, Poland) Speakers: Nico Melzer, Lidia Sabater, Natalia Małek, Jakub Frydrych	Hall 10 D
17.00 – 17.30	Coffee Break	
17.30 – 18.30	Keynote lecture <i>Oscillatory Brain Activity and the Deployment of Selective Attention</i> Speaker: John J. Foxe (University of Rochester, Rochester, NY, USA)	Hall 10 A/C



19.00 – 21.00

IBRO 'Meet-Up and Move-Up' networking
reception at the Wrocław Town Hall
(co-supported by the Mayor of Wrocław)*

Town Hall

Rynek 50, 50-996 Wrocław

**event for registered participants*

21.00

IBRO 'Meet-Up and Move-Up'
networking reception at Schody Donikąd

Schody
Donikąd

Plac Solny 13, 50-061 Wrocław



09.00 – 10.00	Keynote lecture <i>New insights into the brain control of food choice and obesity</i> Speaker: Lora Heisler (University of Aberdeen, Aberdeen, UK)	Hall 10 A/C
10.00 – 10.45	Young Investigator Award talks	Hall 10 A/C
10.45 – 11.15	Coffee Break	
11.15 – 13.15	Symposium 13 <i>Plasticity and encoding at synapses and neuronal networks and beyond</i> Chair: Jerzy Mozrzymas (Medical University, Wroclaw, Poland) Speakers: Sebastiano Curreli, Andrea Barberis, Grzegorz Wiera, Katarzyna Radwańska	Hall 10 A/C
	Symposium 14 <i>Bridging Autoimmunity and Neurodegeneration: Immune Cells in Action</i> Chair: Natalia Małek (Wroclaw University of Science and Technology, Wroclaw, Poland) Speakers: Bart Eggen, Maarten Titulaer, Marta Kamińska, Agnieszka Zabłocka	Hall 10 B
	Symposium 15 <i>Time for flies – an alternative model for research on brain diseases</i> Chair: Milena Damulewicz (Jagiellonian University, Cracow, Poland) Speakers: Milena Damulewicz, Aron Szabo, Aaron Voigt, Sergio Casas-Tinto	Hall 10 D



13.15 – 13.45	Lunch Break	
13.45 – 15.00	Poster session III	Main Hall
15.00 – 16.00	Keynote lecture <i>Drosophila as a model for human neurodegenerative disease: A focus on the brain through age & disease</i> Speaker: Nancy Bonini (University of Pennsylvania, USA)	Hall 10 A/C
16.00 – 16.30	Official closing + Best Presentation Awards	Hall 10 A/C



Marcin Szwed



Marcin Szwed is a neuroscientist. He studied biology at the Jagiellonian University. After completing his PhD at the Weizmann Institute and spending five years as a postdoctoral researcher in Paris, he returned to Kraków in 2011, where he established his own research team focused on human brain imaging. His research focuses on change in the brain in its both positive and negative aspects.

The positive change is the plasticity that occurs when the brain is reorganized in individuals who are blind or deaf. It is a process where a part of the brain, for example the visual cortex, is either rewired to perform an old task, such as reading, with a new sense, such as touch, or rewired to perform a new task, like language or memory. Deaf and blind people have lost critical sensory input and this has profoundly altered the way their brains work. By studying them, we can understand the forces that shape the brain.

The negative change that we study is the detrimental impact of air pollution on brain development. Since 2019, he has begun his journey into environmental neuroscience as the leader of the NeuroSmog project, which aims to investigate the impact of air pollution on the developing brains of school-aged children. While the harmful effects of smog on respiratory and cardiovascular diseases are well known, much less is understood about its effects on the



brain. Fighting smog has a social cost. If we ask people to make sacrifices and change their lifestyles, we must obtain the best possible knowledge about the impact of this pollution. This is the purpose of the Neurosmog project.

Prof. Szwed has published several dozen scientific articles, including a few that he considers truly important. He has received several awards.



Nancy M. Bonini

Dr. Bonini is Professor of Biology at the University of Pennsylvania in Philadelphia, PA. After receiving her PhD at the University of Wisconsin-Madison, she performed postdoctoral work at Caltech learning the *Drosophila* system, in studies with Dr. Seymour Benzer.

She started her own research laboratory at Penn in 1994, where she launched the studies that use *Drosophila* as a model for human disease. In this work, she expressed various human disease genes in the fly to show that these genes mimicked human neurodegenerative disease features, then launched discovery genetic pathways that influence the effects. She is currently the Florence RC Murray Professor of Biology, and has been elected to the National Academy of Sciences, the National Academy of Medicine and the American Academy of Arts and Sciences.





Leszek Kaczmarek

Leszek Kaczmarek is Professor at the Nencki Institute of Experimental Biology, Polish Academy of Sciences, Warsaw, Poland, head of the Laboratory of Neurobiology and President of the Center of Excellence for Neural Plasticity and Brain Disorders: BRAINCITY; a Nencki-EMBL Partnership.

Leszek Kaczmarek has got his PhD in experimental hematology (mentor: Prof. W. Wiktor-Jedrzejczak), followed by D.Sc. (dr hab.) in the field of experimental oncology. He carried out postdoctoral studies in Philadelphia, USA (mentor: Prof. R. Baserga) and then was visiting professor in the University of Catania, Italy; McGill University, Montreal, Canada; University of California, Los Angeles and Institute of Photonic Sciences, ICFO, Castelldefels, Spain. Since 1986 his laboratory at the Nencki Institute has been investigating brain-mind connection at all the levels of brain organization from molecular to cellular to network to behavior in health and disease. Most of the work involves experimental animal models, however joint studies with clinicians on human neuropsychiatric disorders have also been pursued. The current major focus is on extracellular enzyme, matrix metalloproteinase, MMP-9, which his laboratory documented to play paramount role in neuronal/synaptic plasticity and then in learning and memory, development of epilepsy, schizophrenia, autism spectrum disorders and alcohol addiction.



In his recent studies, prof. Kaczmarek and his team, aimed to test whether MMP-9 might be engaged in epileptogenesis (epilepsy development). Indeed, they have provided a genetic proof (by using MMP-9 gene knockout to impair epileptogenesis and MMP-9 over-expressing rats and mice to enhance the epilepsy development) supporting that notion. To follow up on those results, they have recently tested inhibitors of MMP-9 enzymatic activity as therapeutics to prevent epileptogenesis in such clinically relevant preclinical models, as traumatic brain injury and stroke in mice. In result, they have identified MMP-9 inhibitor as a possible anti-epileptogenesis drug that is currently being prepared for phase one clinical trials.

Lora Heisler

Professor Lora Heisler is Chair in Human Nutrition and Director of Research of the Rowett Institute, University of Aberdeen, Scotland. Professor Heisler began her independent research group at Beth Israel Deaconess Medical Center & Harvard Medical School and then relocated to the University of Cambridge, UK.



Her group moved to the Rowett Institute in 2013. Professor Heisler's career contributions to obesity and diabetes research were acknowledged by Outstanding Scientific Achievements Awards from the Obesity Society and American Diabetes Association. She was elected to Scotland's national academy of science and letters The Royal So-



ciety of Edinburgh in 2016. Professor Heisler's research focuses on the brain circuits underlying appetite, physical activity, body weight and glucose homeostasis in an effort to identify new targets amenable for obesity and type 2 diabetes treatment.



Andrew Holmes

Andrew Holmes specializing in neuroscience, with a focus on behavior and addiction. He was trained in the UK, where received his Bachelor's (Hons) degree in Psychology and his Doctorate in Behavioral Pharmacology. He received postdoctoral training in behavioral neuroscience and behavioral genetics from Dr. Jacki Crawley at the NIMH.

He was recruited to the NIAAA in 2004 and is Currently leading the Laboratory of Behavioral and Genomic Neuroscience at the National Institute on Alcohol Abuse and Alcoholism (NIAAA), part of the National Institutes of Health (NIH), where he studies brain regulation of emotion and cognition using animal models. He obtained numerous awards, including in 2022 the NIAAA Scientific Achievement Award for 'scientists who have made an outstanding contribution to scientific research.'. The mission of the Laboratory of Behavioral and Genomic Neuroscience is to contribute to a deeper understanding of the causes of alcoholism and comorbid neuropsychiatric conditions such as mood and anxiety disorders.



Our goal is to help identify new directions for the prevention and effective treatment of these devastating diseases. To this end, we are using models of chronic alcohol exposure and chronic stress to examine how these environmental insults reshape brain circuits to modify behavior, and why they do so in a manner that varies greatly from individual to individual as a function of genetics, sex and age. A major current focus of our work is how alcohol and stress affect the structure and function of circuits interconnecting the prefrontal cortex with limbic and dorsal striatal regions that are critical for the regulation of emotion, cognition and executive control over drug-seeking.



John J. Foxe

John J. Foxe, PhD, is director of both the Ernest J. Del Monte Institute for Neuroscience and the newly formed Golisano Intellectual and Developmental Disabilities Institute at The University of Rochester. His research investigates the neurobiological bases of neurodevelopmental and neuropsychiatric conditions such as autism and schizophrenia.

He uses electrophysiological and neuroimaging techniques to understand how inputs from the various sensory systems are combined in the brain, and what happens when these multisensory integration abilities are impacted by disease.



Foxe has authored more than 350 research and clinical papers, book chapters, commentaries, and proceedings and serves as editor-in-chief of The European Journal of Neuroscience.

John F. Cryan

John F. Cryan is Professor & Chair, Dept. of Anatomy & Neuroscience, University College Cork (UCC) and has been Vice President for Research & Innovation since 2021. He is also a Principal Investigator in the APC Microbiome Institute.



He received a B.Sc. (Hons) in Biochemistry and PhD in Pharmacology from the University of Galway, Ireland and was a visiting fellow at the Dept Psychiatry, University of Melbourne, Australia, which was followed by postdoctoral fellowships at the University of Pennsylvania, Philadelphia, USA and The Scripps Research Institute, La Jolla, California. He spent four years as a Group Leader in the pharmaceutical industry with Novartis in Basel Switzerland prior to joining UCC in 2005. Prof. Cryan's current research is focused on understanding the interaction between brain, gut & microbiome and how it applies to stress, psychiatric and immune-related disorders at key time-windows across the lifespan. Prof. Cryan has published over 700 peer-reviewed articles, co-edited four books and is co-author of the bestselling „The Psychobiotic Revolution: Mood, Food, and the New Science of the Gut-Brain Connection”. He has received numerous awards



including from UCC, the University of Utrecht, University of Antwerp, American Gastroenterology Association, Neuroscience Ireland, Neonatal Society, European College of Neuropsychopharmacology, British Association of Psychopharmacology, Physiological Society, Royal Academy of Medicine in Ireland, & FASEB. He has been named on the Clarivate Highly Cited Researcher each year since 2017. He was elected a Member of the Royal Irish Academy in 2017 and is Past-President of the European Behavioural Pharmacology Society. He has been a TEDMED and TEDx speaker and was profiled in the Netflix documentary Hack Your Health: The Secrets of the Gut in 2024.





Piotr Majka

Dr. Piotr Majka, Assistant Professor at the Nencki Institute of Experimental Biology at the Polish Academy of Sciences, leads a research team focused on understanding how the brain's intricate microscopic connectivity network influences perception, behavior, and actions.

His interdisciplinary approach integrates high-throughput methods for analyzing microscopic brain images with computational modeling, machine learning, and artificial intelligence to conduct in-depth data analysis. Dr. Majka also incorporates classical neuroanatomy and neurophysiology to ensure a robust neurobiological foundation for his research, emphasizing the principles of open science.

With 15 years of experience, Dr. Majka has made significant contributions to neuroinformatics, including the development of multimodal 3D brain atlases, advanced image registration techniques, and neuroinformatics platforms. His work has produced the most comprehensive cortico-cortical connectome of any non-human primate brain to date. Additionally, Dr. Majka has held positions as an Adjunct Research Fellow at Monash University in Melbourne, Australia, and as a Visiting Research Scientist at the Neuroinformatics Japan Center, RIKEN Center for Brain Science in Wako, Japan. Dr. Majka's scientific achievements were recognized with the Polish Prime Minister's Award for outstanding scientific achievements in 2024.



Scientific Committee



prof. dr hab. Irena Nalepa

Chair of the Scientific Committee

Maj Institute of Pharmacology PAS, Cracow

prof. dr hab. Ewelina Knapska

BrainCity, Nencki Institute of Experimental Biology PAS, Warsaw

dr Michał Ślęzak

Łukasiewicz Research Network – PORT

Polish Center for Technology Development, Wrocław

dr Paweł Boguszewski

Nencki Institute of Experimental Biology PAS, Warsaw

prof. dr hab. Jacek Jaworski

International Institute of Molecular and Cellular Biology, Warsaw

prof. dr hab. Elżbieta Pyza

Jagiellonian University, Cracow

dr hab. Anna Błasiak

Jagiellonian University, Cracow

dr hab. Agnieszka Wnuk

Maj Institute of Pharmacology PAS, Cracow

dr hab. Magdalena Sowa-Kućma

University of Rzeszow

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Organizing Committee



dr Michał Ślęzak, *Chair of the Organizing Committee*
Łukasiewicz Research Network – PORT
Polish Center for Technology Development, Wrocław

Marta Małolepsza, *Event Coordinator*,
Łukasiewicz Research Network – PORT
Polish Center for Technology Development, Wrocław

Prof. dr hab. Joanna Rymaszewska,
Wrocław University of Science and Technology

dr Natalia Małek-Chudzik,
Wrocław University of Science and Technology

Prof. dr hab. Arkadiusz Miązek,
Wrocław University of Environmental and Life Sciences

Prof. dr hab. Jerzy Mozrzymas, Wrocław Medical University

Prof. dr hab. Dorota Frydecka, Wrocław Medical University

Prof. dr hab. Dariusz Rakus, University of Wrocław

Prof. dr hab. Rafał Ryguła, Maj Institute of Pharmacology PAS, Cracow

dr hab. Anna Błasiak, Jagiellonian University, Cracow

dr hab. Witold Konopka, Łukasiewicz Research Network – PORT
Polish Center for Technology Development, Wrocław

Sandra Markwart-Socha, Łukasiewicz Research Network – PORT
Polish Center for Technology Development, Wrocław

Paulina Macierzyńska, Łukasiewicz Research Network – PORT
Polish Center for Technology Development, Wrocław



Łukasiewicz – PORT is a modern research and development center in Wrocław, part of the Łukasiewicz Research Network – one of the largest research networks in Europe. We conduct interdisciplinary scientific research and, together with business partners, seek new technological opportunities and innovative solutions for today's pressing problems. Our activities focus on health, biotechnology, and materials engineering.



Łukasiewicz – PORT is home to three research centers: the **Center for Population Diagnostics**, the **Center for Materials Engineering**, and the **Center for Life Sciences and Biotechnology**, as well as the Institute's **Center of Laboratories**. In 18 research groups, 160 scientists from Poland and abroad are currently carrying out over 50 research projects with a total value exceeding PLN 270 million.

One of our most important projects is **P4Health: Centre of Excellence for Precise Phenotyping and BioDataBanking**, implemented under the Horizon Europe and Horizon WIDERA programs. This groundbreaking initiative combines biotechnology, bioengineering, and artificial intelligence: across five technology platforms, we are developing AI algorithms for the analysis of genetic and protein data to support the diagnosis and treatment of oncological and neurological diseases. The cornerstone of the project is the development of the biobank at Łukasiewicz – PORT and the promotion of the biobanking concept in Poland. Our goal



is to create the solutions necessary to implement personalized medicine and facilitate its use in everyday medical practice.

Securing funding for P4Health would not have been possible without our earlier Horizon Europe Twinning project – **SAME-NeuroID** – dedicated to standardizing protocols for modeling neurobiological parameters associated with neuropsychiatric disorders, one of the most serious problems in modern society. The Satellite Symposium “European Networking for Brain Research”, organized within the framework of the 17th PTBUN Congress, is the main dissemination event of SAME-NeuroID. It provides a dedicated forum for presenting and discussing the project’s key findings, bringing together partners and leading experts from across Europe to share results, exchange experiences, and explore next steps in collaborative brain research. The programme presents key project outcomes and strategic discussions on Poland’s access to European research networks. Combining scientific presentations with strategic discussions, it strengthens links between Polish and European brain research communities and ensures the project’s impact continues.

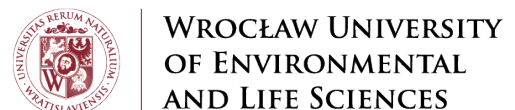
More information at: port.lukasiewicz.gov.pl



Organizers:



Partners:





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