

## Detailed schedule

### 10th Polish Evolutionary Conference, 11-13.09.2024 Białystok

<b>WEDNESDAY SEPTEMBER 11</b>		<b>afternoon session</b>	
<b>12:00-18:00</b>		<b><i>Registration</i></b>	
<b>14:00-14:30</b>		<b><i>Opening ceremony</i></b>	
<b>14:30-15:30</b>	<b>Suvi</b>	<b>Ruuskanen</b>	<b>Invisible friends: the role of the gut microbiome in adapting to environmental challenges</b>
<b>15:30-16:00</b>		<b><i>Coffee break</i></b>	
16:00-16:20	Maciej	Kamiński	What shapes microbiome diversity in paragon urban exploiters?
16:20-16:40	Julita	Sadowska	Significance of microbially-liberated urea-nitrogen in pregnant and lactating arctic ground squirrels
16:40-17:00	Veronika	Andriienko	Multiple replacements shape nested symbiosis in Aphrodes leafhoppers
17:00-17:20	Monika	Ostap-Chęć	No impact of microsporidian infection on honey bee carbohydrate consumption
17:20-17:40	Szymon	Kaczanowski	Testing the Mitochondrial Prey Hypothesis of Apoptosis Origin
17:40-18:00	Nikhil	Modak	Mitochondrial introgression affects routine metabolic rates in tadpoles
<b>18:00-20:00</b>		<b><i>Welcome reception</i></b>	

<b>THURSDAY SEPTEMBER 12</b>		<b>morning session</b>	
<b>08:00-18:00</b>		<b>Registration</b>	
<b>09:00-10:00</b>	<b>Marta</b>	<b>Szulkin</b>	<b>Urban ecology &amp; evolution: the new frontiers</b>
<b>10:00-10:30</b>		<b>Coffee break</b>	
10:30-10:50	Magdalena	Fus	Cityscape symbiosis: how urbanisation shapes the gut microbiota of blue tit nestlings
10:50-11:10	Ignacy	Stadnicki	Nestling period variation in the city mosaic: chicks reared in the urban environment take longer to fledge
11:10-11:30	Zuzanna	Jagiełło	The plastic homes of hermit crabs in the Anthropocene
11:30-11:50	Guillaume	Wos	Urbanization and latitude shape the phenotypic and physiological response to warming in the damselfly <i>Ischnura elegans</i>
11:50-12:10	Marcin	Żebrowski	Artificial light at night bans <i>Chaoborus</i> from vital epilimnetic waters
12:10-12:30	Beata	Bramorska	Socio-economic variables improve accuracy and change spatial predictions in species distribution models
<b>12:30-14:00</b>		<b>Lunch break</b>	

<b>THURSDAY SEPTEMBER 12</b>		<b>afternoon session</b>	
<b>14:00-15:00</b>	Nicky	Wybouw	<b>How <i>Wolbachia</i> symbionts spread within hybridizing host species</b>
<b>15:00-15:30</b>		<b><i>Coffee break</i></b>	
15:30-15:50	Marta	Tischer	Distribution, diversity, and roles of endosymbiotic <i>Wolbachia</i> infections across worldwide planthopper hosts
15:50-16:10	Julia	Morales-García	Selection inference in the complex inversion polymorphism landscape of spruce bark beetle ( <i>Ips typographus</i> )
16:10-16:30	Anastasiia	Mykhailenko	Complex genomic landscape of inversion polymorphism in Europe's most destructive forest pest
16:30-16:50	Mateusz	Konczal	Genomic basis of adaptation to oscillating environment in a common crop pest
16:50-17:10	Rocco F	Notarnicola	The Evolutionary Impact of Complement Factor H on Bank Vole Populations Across Poland
17:10-17:30	Miroslaw	Ratkiewicz	“It's not how you start that's important, but how well you finish” – population genetics of reintroduced Eurasian lynx in Piska forest, NE Poland
<b>17:30-17:50</b>		<b><i>one-minute presentation of posters</i></b>	
<b>17:50-19:00</b>		<b><i>Poster session</i></b>	

<b>FRIDAY SEPTEMBER 13</b>		<b>morning session</b>	
<b>08:00-17:00</b>		<b>Registration</b>	
<b>09:00-10:00</b>	<b>Andreas Nord</b>	<b>Keeping cool in a warming world: understanding climate-changes effects through studies of avian development</b>	
<b>10:00-10:30</b>		<b>Coffee break</b>	
10:30-10:50	Neelam Porwal	Too sexy to die? Sexual selection and the risks population survival due to heat shocks	
10:50-11:10	Jakub Płachta	Old and cold: Age deepens rest-phase hypothermia of zebra finches ( <i>Taeniopygia guttata</i> ) in challenging conditions	
11:10-11:30	Paweł Brzęk	Body temperature during gestation in females of laboratory mice with different levels of basal metabolic rate	
11:30-11:50	Karolina Iwińska	Immunological rather than oxidative status prior to reproduction affects female dormice reproductive output	
11:50-12:10	Katarzyna Krawczyk	On the molecular evolution of feather grasses ( <i>Stipa</i> L., <i>Stipeae</i> ; <i>Poaceae</i> ) - why defining a good genetic marker for this group is such a challenge?	
12:10-12:30	Ludwik Gąsiorowski	Regeneration in the absence of canonical neoblasts in an early branching flatworm	
<b>12:30-14:00</b>		<b>Lunch break</b>	

**FRIDAY SEPTEMBER 13****afternoon session**

14:00-14:20	Piotr	Minas	Nest site selection in urban blackbirds – heritability vs. Plasticity
14:20-14:40	Michał	Budka	Species-specific strategies for acoustic space competition-avoidance in birds
14:40-15:00	Paweł	Mirski	Movement of avian predators in farmland points to biodiversity hotspots
15:00-15:20	Gokul	Bhaskaran	Investigating shared mechanisms of predatory and intermale aggression in bank voles
15:20-15:40	Tomasz	Włodarczyk	Coevolutionary Interplay Between Slave-Making Ant Species and Its Host
15:40-16:00	Marcin	Sielezniew	Should I stay or should I go? Selection against and for dispersal in a metapopulation of a critically endangered butterfly

**16:00-17:30*****Closing ceremony***

## POSTERS

Paulina	Szafrańska	Positive consequences of roost sharing among male bats during spermatogenesis
Gulsamal	Askarova	Effect of temperature fluctuations on life history traits and strategies of phytophagous arthropods - a systematic review
Andrzej	Gębczynski	Size of body extremities is correlated with basal metabolism in laboratory mice
Piotr	Roszkowski	The effect of lactation on capacity for non-shivering thermogenesis in laboratory mice with different levels of basal metabolic rate
Sylwia	Buczyńska	Immunosenescence in laboratory mice divergently selected for basal metabolic rate
Edyta	Sadowska	The effects of short-term consumption of a Western diet on aerobic exercise performance in animals with inherently distinct metabolic rates
Elżbieta	Bonda-Ostaszewska	The effects of photoperiod and ambient temperature on the size of cells and lipid peroxidation in tissues of a bank vole ( <i>Myodes glareolus</i> )
Krzysztof	Miler	Non-linear effects of dietary alcohol on life parameters in honey bees
Daniel	Bajorek	The lifespan of honey bees ( <i>Apis mellifera</i> ) exposed to occasional and constant dietary ethanol
Katarzyna	Jarosińska	Combined effects of polystyrene nanoplastics and enrofloxacin on the life histories and gut microbiota of <i>Daphnia magna</i>
Neha	Pandey	Strong sexual selection reduces population size and limits population recovery after heat stress in soil mites
Justyna	Borowska	Evolution of FOXP2 and ZNF362 genes in Cervidae
Joanna	Jakóbiak	Mitochondrial coevolution and hybridization in newt species
Ilona	Kulus	Genetic analysis of progeny from crosses between downy birch ( <i>Betula pubescens</i> Ehrh.) and shrub birch ( <i>Betula humilis</i> Schrk.)
Katarzyna	Jadwiszczak	Climate- and soil type-dependent occurrence of the <i>Juniperus sabina</i> varieties in Europe
Amelia	Chyb	Show me who you are... Expression of avian sexual ornament along the urbanization gradient

Katarzyna	Rutkowska	Differentiating effects of artificial light at night on the spatial composition of zooplankton communities
Dawid	Żegota	Urban habitat impact on skin microbiome of common toad <i>Bufo bufo</i>
Małgorzata	Lipowska	Born or raised predators? Cross-fostering experiment on bank vole selected for predatory behaviour
Joanna	Rutkowska	Perinatal malnutrition impairs appetitive > aversive learning
Monika	Sysiak	Can elevated temperature enhance task performance by improving cognitive abilities in common rudd ( <i>Scardinius erythrophthalmus</i> )?
Michał	Gładalski	Great tits, aromatic plants & nest ectoparasite abundance
Adam	Zbyryt	Landscape of fear on a pasture land - is White Stork a scarebird for grasshoppers?
Daniel	Stec	Distribution of tardigrade cryptobiotic abilities across a fine-scale habitat gradient
Helena	Szewczyk	Diversity of coloration patterns in turtles (order Testudines)