

**DOCTORAL SCHOOL  
OF THE UNIVERSITY OF LIFE SCIENCES IN LUBLIN  
TOGETHER WITH  
DOCTORAL STUDENTS COUNCIL  
OF THE UNIVERSITY OF LIFE SCIENCES IN LUBLIN**



have the pleasure to invite you to

**5th INTERNATIONAL PHD STUDENTS' CONFERENCE: ENVIRONMENT-PLANT-ANIMAL-PRODUCT  
TOGETHER WITH  
THE INTERNATIONAL WORKSHOPS AT THE UNIVERSITY OF LIFE SCIENCES IN LUBLIN, POLAND**



**22-24 April 2026  
Lublin- Naęczów, hybrid format**

His Magnificence Rector  
of the University of Life Sciences in Lublin  
Professor dr hab. Krzysztof Kowalczyk

Vice-Rector for Science and International Cooperation  
of the University of Life Sciences in Lublin  
prof. dr hab. Bartosz Sołowiej

Vice-Rector for Student Affairs and Education  
of the University of Life Sciences in Lublin  
dr hab. Urszula Kosior-Korzecka, Associate Professor

Director of Doctoral School of the University of Life Sciences  
in Lublin  
Professor dr hab. Andrzej Jakubczak

Doctoral Students Council  
of the University of Life Sciences in Lublin

**The 5<sup>th</sup> International PhD Students' Conference: Environment-Plant-Animal-Product (I-SDUPL), together with the International Workshops  
at the University of Life Sciences in Lublin, Poland  
will be held at the University of Life Sciences in Lublin.**

**It will have a hybrid format. Stationary events will be held at the Congress Hall and Conference Halls  
of the University of Life Sciences in Lublin, Akademicka 15 Street, Lublin**

**PATRONAT HONOROWY**



JM REKTOR

UNIwersytetu Przyrodniczego w Lublinie

**prof. dr hab. Krzysztof Kowalczyk**



**Marcin Kulasek**  
Minister Nauki  
i Szkolnictwa Wyższego

**PATRONAT HONOROWY**  
WOJEWODA LUBELSKI  
**KRZYSZTOF KOMORSKI**



**PATRONAT  
HONOROWY**



PREZYDENT MIASTA LUBLIN  
**KRZYSZTOF ŻUK**



STAROSTA LUBELSKI  
**SYLWIA PISAREK-PIOTROWSKA**

PATRONAT HONOROWY



Patronat Marszałka  
Województwa Lubelskiego  
*Jarosława Stawiarskiego*



Burmistrz Nałęczowa



**Oddział  
w Lublinie**

Krajowa  
Reprezentacja  
Doktorantów





Lubelski Kurator Oświaty  
Tomasz Szablowski



PATRONAT  
HONOROWY





MEDIA PATRONAGES



## SCIENTIFIC COMMITTEE

prof. dr hab. Andrzej Jakubczak; University of Life Sciences in Lublin, Poland – Head of the Committee  
prof. dr hab. Krzysztof Kowalczyk – Rector’s Office, University of Life Sciences in Lublin, Poland  
prof. dr hab. Bartosz Sołowiej - Vice-Rector for Science and International Cooperation; University of Life Sciences in Lublin, Poland  
prof. dr hab. Andrzej Marczuk - Vice-Rector for Human Resources; University of Life Sciences in Lublin, Poland  
dr hab. Urszula Kosior-Korzecka, associate prof - Vice-Rector for Student Affairs and Education.; University of Life Sciences in Lublin, Poland  
Prof. Tomasz N. Kołtunowicz, Ph.D. Eng.; Lublin University of Technology  
Prof. Barbara Symanowicz, Ph.D. Eng; University of Siedlce  
Prof. Dr. Živilė Tarasevičienė; Vytautas Magnus University, Agriculture Academy, Kaunas Reg., Lithuania  
Prof. Dr. Tibor Janda, DSc. HUN-REN Centre for Agricultural Research, Hungary  
Prof. Joan García; Universitat Politècnica de Catalunya-BarcelonaTech, Spain  
Prof. Anabela Cândida Ramalho Durão; Instituto Politécnico de Beja, Portugal  
Prof. Jan Turan; University of Novi Sad, Faculty of Agriculture, Serbia  
Prof. Dr. Paulius Matusevicius; Lithuanian University of Health Sciences, Kaunas Reg., Lithuania  
Prof. Oleg Melnyk; National University of Life Resources and Environmental Sciences of Ukraine, Kyiv, Ukraine  
Prof. Pavol Findura; Slovak University of Agriculture in Nitra, Slovakia  
Prof. Gábor Galiba, Professor; Centre for Agricultural Research, Hungary  
Assoc. Prof. dr. Jurgita Dailidavičienė; Lithuanian University of Health Sciences, Kaunas Reg., Lithuania  
Dr hab. Viktor Korzun; Global Lead Scientific Affairs, KWS SAAT SE & Co. KGaA; Germany  
Dr hab. Luis Inostroza, Mendel University in Brno, Czech Republic  
doc. Francisco Ceacero Herrador, Ph.D. Associate Professor; Czech University of Life Sciences Prague, Czech Republic  
Dr. Carsten Paul; Leibniz Centre for Agricultural Landscape Research, Germany  
Dr Monica Florescu; “Transilvania” University of Brasov, Romania  
Dr. Augusto Carlos Castro-Nunez; The International Center for Tropical Agriculture (CIAT) Cali, Colombia  
Dr. Eduardo Ferreira; CESAM/DBio – Universidade de Aveiro, Laboratory of Wildlife Ecology and Conservation, Portugal  
Dr. João Carvalho; CESAM/DBio – Universidade de Aveiro Laboratory of Wildlife Ecology and Conservation, Portugal  
doc. Francisco Ceacero Herrador, Ph.D. Associate Professor; Czech University of Life Sciences, Prague, Czech Republic  
Dr Karina Savvulidi Vargova; Charles Universit, Czech Republic  
Ass. Professor Ing. Filipp Georgijevič Savvulidi, Ph.D.; Czech University of Life Sciences, Prague, Czech Republic

## SCIENTIFIC COMMITTEE FROM THE UNIVERSITY OF LIFE SCIENCES IN LUBLIN; POLAND

dr hab. Sylwia Andruszczak; associate prof.  
prof. dr hab. Aneta Nowakiewicz  
prof. dr hab. Brygida Ślaska  
prof. dr hab. Dariusz Andrejko  
prof. dr hab. Waldemar Gustaw  
prof. dr hab. Krzysztof Józwiakowski  
prof. dr hab. Tomasz Mieczan  
prof. dr hab. Barbara Kołodziej  
dr hab. Katarzyna Dzida, associate prof.  
Prof. dr hab. Justyna Batkowska  
Prof. dr hab. Sławomir Kocira  
Prof. dr hab. Tomasz Oniszczuk  
Prof. dr hab. Jacek Pranagal  
dr hab. Małgorzata Haliniarz, associate prof.  
dr hab. Sławomir Ligęza, associate prof.  
dr hab. Katarzyna Tajchman, associate prof.  
dr hab. Alina Kowalczyk-Juśko, associate prof.  
dr hab. Beata Biernacka, associate prof.  
dr hab. Agnieszka Starek-Wójcicka, associate prof.  
dr hab. Marta Wójcik, associate prof.  
dr hab. Maciej Combrzyński, associate prof.  
dr hab. Arkadiusz Matwijczuk, associate prof.  
dr hab. Monika Skowrońska, associate prof.  
dr hab. Monika Sujka, associate prof.  
dr hab. Przemysław Tkaczyk, associate prof.  
dr hab. Mariola Bochniarz, associate prof.  
dr hab. Monika Greguła-Kania  
dr hab. Maciej Nastaj  
PhD Joanna Sender  
PhD Emilia Osmólska  
PhD Anna Wirkijowska  
PhD Wiktoria Janicka  
PhD Kamila Janicka  
PhD Jakub Soja

## ORGANIZING COMMITTEE FROM THE UNIVERSITY OF LIFE SCIENCES IN LUBLIN; POLAND

Prof. dr hab. Andrzej Jakubczak – Head of the Committee  
PhD Małgorzata Wysocka – Vice-Head of the Committee – Vice-Head of the Committee  
PhD Katarzyna Dziki – Secretary of the Event  
MSc Anastasiya Ramankevich – Head of the Doctoral Students Council  
Prof. dr hab. Justyna Batkowska  
dr hab. Beata Kołodziej, associate prof.  
dr hab. Anna Kiełtyka-Dadasiewicz, associate prof.  
PhD Monika Jaroszuk-Sierocińska  
PhD Magdalena Myszura-Dymek  
PhD Kamil Drabik  
PhD Weronika Kursa  
MA Agnieszka Wasilak  
MA Karolina Kwapisz  
MA Anna Buchlińska-Brzozowska  
MSc Dorota Jagiełło  
MA Ewelina Knosala  
MSc Michał Arciszewski, PhD student – stage host  
MSc Magdalena Borecka, PhD student -stage host  
MSc Piotr Nawłatyna, PhD student  
MSc Kamila Kaszycka, PhD student  
MSc Jordan Wilk, PhD student  
MSc Wiktoria Stoma, PhD student  
MSc Joanna Stasiak, PhD student  
MSc Karolina Wengerska, PhD student  
MSc Jan Sadurski, PhD student  
MSc Klaudia Rząd, PhD student  
MSc Aleksandra Garbacz, PhD student  
MSc Magdalena Moczulska, PhD student  
MSc Rafał Wnuczek, PhD student

PhD Krzysztof Kowal  
PhD Paulina Łysakowska  
PhD Maria Stasińska-Jakubas  
PhD Maciej Bryś  
PhD Patrycja Skwarek

## MODERATORS

### **Environmental Sciences:**

dr hab. Sławomir Ligęza, associate prof. – Head of the session

**Introduction:** Dr hab. Viktor Korzun

dr hab. Alina Kowalczyk-Juško, associate prof.

PhD Jakub Soja

MSc Karolina Sokal, PhD student

### **Plant Sciences:**

PhD Joanna Sender – Head of the session

**Introduction:** Dr hab. Viktor Korzun

dr hab. Małgorzata Haliniarz, associate prof.

PhD Maria Stasińska-Jakubas

MSc Wiktoria Jędrzej, PhD student

### **Animal Sciences:**

dr hab. Mariola Bochniarz, associate prof. – Head of the session

**Introduction:** Prof. Oleg Melnyk, Assistant Professor Ing. Filipp

Georgijewič Savvulidi, Ph.D. and Dr Karina Savvulidi Vargova

dr hab. inż. Monia Greguła-Kania

PhD Krzysztof Kowal

MSc Aleksandra Figura, PhD student

### **Technology:**

dr hab. Maciej Combrzyński, associate prof. – Head of the session

**Introduction:** PhD Emila Osmólska

dr hab. Beata Biernacka, associate prof.

PhD Emila Osmólska

MSc Julia Wójcik-Madej

### **Food quality:**

dr hab. Monika Sujka, associate prof. – Head of the session

**Introduction:** dr hab. Maciej Nastaj

MSc Karolina Sokal, PhD student  
MSc Wojciech Ospałek, PhD student  
MSc Gabriela Czarkowska, PhD student  
MSc Weronika Grzelak, PhD student  
MSc Adrian Stelmachowicz, PhD student  
MSc Marta Wnęk, PhD student  
MSc Katarzyna Michaś, PhD student  
MSc Kaja Ziółkowska-Twarowska, PhD student  
MSc Ewelina Krukow, PhD student  
MSc Joanna Kowalik, PhD student  
MSc Klaudia Kaliszyk, PhD student  
MSc Maja Gronowska, PhD student  
MSc, M.Res Athul Poovathingal Kurian, PhD student  
MSc Szymon Milewski, PhD student  
MSc Julia Fabjanowska, PhD student  
MSc Wiktoria Jędryś, PhD student  
MSc Aleksandra Figura, PhD Student  
Jakub Walczak, student  
Michał Staniak, student

PhD Anna Wirkijowska  
PhD Patrycja Skwarek  
PhD Łukasz Sęczyk

**Health and Basic Sciences:**

dr hab. Marta Wójcik, associate prof. – Head of the session

**Introduction:** Dr Monica Florescu

dr hab. Arkadiusz Matwijczuk, associate prof.

PhD Maciej Bryś

MSc Aleksandra Garbacz, PhD student

**Poster session**

dr hab. Agnieszka Starek-Wójcicka, associate prof. – Head of the session

Prof. Dr. Paulius Matusевичius

prof. dr hab. Jacek Pranagal

dr hab. Przemysław Tkaczyk, associate prof.

PhD Wiktoria Janicka

PhD Paulina Łysakowska

## VENUE

The first day of the event (22<sup>nd</sup> April 2026) – 5<sup>th</sup> International PhD Students' Conference:  
Environment-Plant-Animal-Product (I-SDUPL) –  
will be held at the University of Life Sciences in Lublin and it will have a  
hybrid format. Stationary events will be held at the Congress Hall and  
Conferences Halls of the University of Life Sciences in Lublin,  
Akademicka 15 street, Lublin.

The second and the third day of the event (23-24<sup>th</sup> April 2026)  
International Workshops supported by the STER NAWA project  
“Actions towards the internationalization of the Doctoral School of the  
University of Life Sciences in Lublin (I-SDUPL)”  
– will be held in Nałęczów only in  
stationary format.



## TARGET GROUPS


We invite PhD students from doctoral schools, PhD students of universities, research and scientific institutes, graduates of studies, and young researchers to participate in the event.

## WEB SITE

<https://up.lublin.pl/szkola-doktorska/konferencja/>

### FRAMEWORK PROGRAMME

First day of the event 22<sup>nd</sup> April 2026

8 <sup>00</sup> -8 <sup>30</sup>	Registration of participants (Congress Hall of the University of Life Sciences in Lublin)
8 <sup>30</sup> -10 <sup>30</sup>	PANEL I
8 <sup>30</sup> -8 <sup>55</sup>	<p><b>Opening ceremony:</b> Congress Hall of the University of Life Sciences in Lublin (hybrid format)</p> <p><b>Appearances:</b></p> <p><b>Prof. dr hab. Andrzej Jakubczak</b> - Director of Doctoral School at the University of Life Sciences in Lublin</p> <p><b>Prof. dr hab. Bartosz Sołowiej</b> - Vice-Rector for Science and International Cooperation of the University of Life Sciences in Lublin</p> <p><b>dr hab. Urszula Kosior-Korzecka, associate prof.</b> - Vice-Rector for Student Affairs and Education</p> <p><b>Prof. dr hab. Andrzej Marczuk</b> - Vice-Rector for Human Resources</p> <p><b>MSc Rafał Ramut</b> - Chairman of the Polish Association of Doctoral Candidates (KRD)</p>
	<b>Inaugural lectures</b>
8 <sup>55</sup> -9 <sup>15</sup>	<p><i>The use of non-invasive genetic sampling and eDNA for wildlife and biodiversity monitoring</i></p> <p><b>Dr. Eduardo Ferreira</b> (online)</p> <p>CESAM/DBio – Universidade de Aveiro Laboratory of Wildlife Ecology and Conservation; Portugal</p>
9 <sup>15</sup> -9 <sup>50</sup>	<p><i>How Nanomaterials Help Detect and Deliver Molecules</i></p> <p><b>Dr Monica Florescu</b></p> <p>“Transilvania” University of Brasov, Romania</p> 
9 <sup>50</sup> -10 <sup>10</sup>	<p><i>The Dynamics of Mediterranean Ecosystems: A History of Humans and Nature</i></p> <p><b>Dr. João Carvalho</b></p> <p>CESAM/DBio – Universidade de Aveiro Laboratory of Wildlife Ecology and Conservation, Portugal</p>

10 <sup>10</sup> -10 <sup>30</sup>	<p><i>Climate change mitigation in food systems</i></p> <p><b>Dr. Augusto Carlos Castro-Nunez,</b> The International Center for Tropical Agriculture (CIAT) Cali, Colombia</p>
10 <sup>30</sup> -10 <sup>45</sup>	<b>PANEL II</b>
10 <sup>30</sup> -10 <sup>45</sup>	<p>Presentation of pro-quality awards by <b>dr hab. Urszula Kosior-Korzecka, associate prof</b> - Vice-Rector for Student Affairs and Education of University of Life Sciences in Lublin and <b>prof. dr hab. Andrzej Jakubczak</b> - Director of Doctoral School of University of Life Sciences in Lublin</p>
10 <sup>45</sup> -11 <sup>00</sup>	<b>PANEL III</b>
10 <sup>45</sup> -11 <sup>00</sup>	<p>Academic Lublin - <b>Wiktoria Herun, Joanna Kot</b> together with "Skrót Myślowy - Lubelska Scena Nauki"/"Mental Shortcut - The Lublin Science Stage" <b>MSc Kamila Kaszycka, MSc Jordan Wilk</b></p>
11 <sup>00</sup> -11 <sup>20</sup>	<p><b>Coffee break/ Interdisciplinary poster session / Presentation of Partners</b> (Lobby of the Congress Hall of the University of Life Sciences in Lublin - <i>stationary format</i>; Congress Hall of the University of Life Sciences in Lublin - <i>online</i>)</p>
11 <sup>20</sup> -12 <sup>00</sup>	<b>Stand-up <i>Poławiacze Perel</i> Improv Teatr</b>
12 <sup>00</sup> -12 <sup>40</sup>	<b>Concert <i>Klasyczni w Rocku</i></b>
12 <sup>40</sup> -13 <sup>00</sup>	<b>PANEL IV</b>
12 <sup>40</sup> -13 <sup>00</sup>	<p><b>Inaugural lectures:</b> <i>Climate change and alternative farming species</i> <b>doc. Francisco Ceacero Herrador</b>, Ph.D. Associate Professor (online) Czech University of Life Sciences Prague, Czech Republic</p>

13 <sup>00</sup> -14 <sup>10</sup>	PANEL V		
	<p><b>Plant Sciences:</b> Conference Room No. 14 of the University of Life Sciences in Lublin; hybrid format</p> <p><b>Moderators</b> PhD Joanna Sender – Head of the session dr hab. Małgorzata Haliniarz, associate prof. PhD Maria Stasińska-Jakubas MSc Wiktoria Jędryś, PhD student</p>	<p><b>Environmental Sciences:</b> Conference Room No. 15 of the University of Life Sciences in Lublin; hybrid format</p> <p><b>Moderators:</b> dr hab. Sławomir Ligęza, associate prof. – Head of the session dr hab. Alina Kowalczyk-Juško, associate prof. PhD Jakub Soja MSc Karolina Sokal, PhD student</p>	<p><b>Health and Basic Sciences:</b> Congress Hall of the University of Life Sciences in Lublin room; hybrid format</p> <p><b>Moderators</b> dr hab. Marta Wójcik, associate prof. – Head of the session dr hab. Arkadiusz Matwijczuk, associate prof. PhD Maciej Bryś MSc Aleksandra Garbacz, PhD student</p>
13 <sup>00</sup> -13 <sup>10</sup>	Introduction: <b>Dr hab. Viktor Korzun</b>		Introduction: <b>Dr Monica Florescu</b>
13 <sup>10</sup> -13 <sup>20</sup>	<b>Dycha Natalia (on line):</b> <i>Vaccinium oxycoccos</i> as a source of tyrosinase inhibitors for cosmetic application	<b>Nawrocki Adam (on line):</b> Vegetated Noise Barriers as Biofilters for Traffic-Related Air Pollution	<b>Wólczyński Hubert (on line):</b> Epoxidation and amine-mediated nucleophilic opening of the oxirane ring in acylated derivatives of CBD and CBG
13 <sup>20</sup> -13 <sup>30</sup>	<b>Grzelak Weronika (on-line):</b> Can eight years change pathogen virulence? Long-term monitoring of <i>Blumeria graminis</i> f. sp. <i>avenae</i> evolution across Europe	<b>Morlo Kinga (on line):</b> Biochar modification with iron species to improve roxarson and As(V) adsorption ability	<b>Siwek Krystian (on line):</b> Friend or Foe? Utilizing the Transient Matrix Effect in Blood Opioid Analysis
13 <sup>30</sup> -13 <sup>40</sup>	<b>Czarkowska Gabriela:</b> Comparison of three different RNA isolation strategies from sugar beet ( <i>Beta vulgaris</i> subsp. <i>vulgaris</i> ) leaves	<b>Mekonnen Amare Gibru (online):</b> Forest patch configuration shapes the taxonomic and functional structure of bird communities in a tropical landscape	<b>Kawecka Paulina:</b> Pediatric Feeding Disorders – a case study of a 6-year-old boy
13 <sup>40</sup> -13 <sup>50</sup>	<b>Świstak Dawid:</b> From seed microbiome to plant performance: plant growth-promoting traits of endophytes isolated from crambe seeds	<b>Pótrolniczak Joanna et al.: (online):</b> Green transition in MXene fabrication: alternative etching chemistries to replace or reduce HF	<b>Juchaniuk Pola:</b> Histone methyltransferase inhibitors as a promising strategy to overcome chemoresistance
13 <sup>50</sup> -14 <sup>00</sup>	<b>Abbas Ansar (on line):</b> LED Light Spectra and Foliar Silicon Application Enhance Salinity Tolerance in <i>Medicago sativa</i> by Improving Photosynthesis, Ion	<b>Feculak Mikołaj:</b> Transformed CuO Nanoparticles Alter Copper Delivery in Barley	<b>Gwarda Wiktoria:</b> Women's health prevention: building awareness around screening practices



	Homeostasis, and Antioxidant Defense		
14 <sup>00</sup> -14 <sup>10</sup>	<b>Khan Wajlid (on line):</b> Disentangling drivers of plant diversity across spatial scales on the Qinghai-Tibet Plateau, China	<b>Gryboś Anna:</b> Flupyradifuron, a new-generation pesticide versus honeybees	
14 <sup>10</sup> -15 <sup>00</sup>	<b>Lunch break/ Interdisciplinary poster session / Presentation of Partners</b> <b>(Lobby of the Congress Hall of the University of Life Sciences in Lublin - stationary format; Congress Hall of the University of Life Sciences in Lublin - online)</b>		
15 <sup>00</sup> -16 <sup>40</sup>	<b>PANEL VI</b>		
	<p><b><u>Animal Sciences Session</u></b> <i>Conference Room No. 14 of the University of Life Sciences in Lublin; hybrid format</i></p> <p><b>Moderators:</b> dr hab. Mariola Bochniarz, associate prof. – Head of the session dr hab. inż. Monia Greguła-Kania PhD Krzysztof Kowal MSc Aleksandra Figura, PhD student</p>	<p><b><u>Environmental Sciences:</u></b> <i>Conference Room No. 15 of the University of Life Sciences in Lublin; hybrid format</i></p> <p><b>Moderators:</b> dr hab. Sławomir Ligęza, associate prof. – Head of the session dr hab. Alina Kowalczyk-Juśko, associate prof. PhD Jakub Soja MSc Karolina Sokal, PhD student</p>	<p><b><u>Technology:</u></b> <i>Congress Hall of the University of Life Sciences in Lublin room; hybrid format</i></p> <p><b>Moderators:</b> dr hab. Maciej Combrzyński, associate prof. – Head of the session dr hab. Beata Biernacka, associate prof. PhD Emila Osmólska MSc Julia Wójcik-Madej</p>
15 <sup>00</sup> -15 <sup>10</sup>	Introduction: <b>Prof. Oleg Melnyk</b> Introduction: <b>Assistant Professor Ing. Filipp Georgijewič Savvulidi; Ph.D. and Dr Karina Savvulidi Vargova</b>	<b>Ikingura Andrew:</b> Quantifying spatial context variations of NBS Interventions across diverse urban settings	Introduction: <b>PhD Emila Osmólska</b>
15 <sup>10</sup> -15 <sup>20</sup>	Introduction: <b>Prof. Oleg Melnyk</b>	<b>Omeliańska Bożena:</b> UAV RGB reference data for national <i>Solidago spp.</i> mapping	<b>Kiczek Tomasz (on line):</b> Blade Geometry and Its Influence on Onion Cutting Performance
15 <sup>20</sup> -15 <sup>30</sup>	<b>Rusné Stankevičiūtė (on line):</b> On-Farm Evaluation of Combined Feed Additives in Dairy Cows	<b>Piejak Mateusz:</b> UAV-Based Plant Species Detection Using Lightweight Deep Learning Model	<b>Ignasiak Łukasz (on line):</b> Mechatronic Beehive Control System supporting bee health and ecosystem stability
15 <sup>30</sup> -15 <sup>40</sup>	<b>Zdun Renata (on line):</b> Analysis of the Effect of Laying Hen Housing Systems on the Content of Selected Bioactive Components in Eggs	<b>Ziarkowska Anna:</b> From Transformation to Impact: The Role of ZnO Nanoparticle Modifications in Bioavailability, Plant Health, and Soil Microbial Functions	<b>Łuźpiński Wojciech (on line):</b> Investigation of heat transfer processes in liquid egg pasteurisation using a three-section PHE

	<b>Banaszkiewicz Rafał:</b> Effect of a Standardized Allicin Dose Administered In Ovo on Hatching Results of Broiler Chickens	<b>Borkowska Anna:</b> Comparative analysis of the energy and emission properties of hazelnut shell biomass from temperate and subtropical climates	<b>Woźniak Paweł (on line):</b> Evaluation of mechanical faba bean dehulling performance
<b>15<sup>40</sup>-15<sup>50</sup></b>		<b>Food quality:</b> <i>Conference Room No. 15 of the University of Life Sciences in Lublin; hybrid format</i> <b>Moderators:</b> dr hab. Monika Sujka, associate prof. – Head of the session PhD Anna Wirkijowska PhD Patrycja Skwarek PhD Łukasz Sęczyk	
<b>16<sup>00</sup>-16<sup>10</sup></b>	<b>Ziółek Aleksandra:</b> Insect Colonization of Submerged Substrates and Carcasses in a River Habitat	Introduction: <b>dr hab. Maciej Nastaj</b>	<b>Morawska Klaudia (on line):</b> Electrochemical Deposition of Conducting Polymers: Optimization of Electrolyte Composition and its Influence on the Intermediate Layer Properties
<b>16<sup>10</sup>-16<sup>20</sup></b>	<b>Nawłatyna Piotr:</b> Predation of corvids and foxes on artificial nests of the common pheasant ( <i>Phasianus colchicus</i> ) in urban and agricultural environments	<b>Ishchenko Savellii:</b> Phenolic profile, antioxidant and potential anti-inflammatory activity of <i>Viola tricolor</i> L. and <i>Calendula officinalis</i> L with interaction analysis	<b>Aykanat Burcu:</b> Application of Cocoa Fiber as a By-Product of Cocoa Processing in Pasta Production
<b>16<sup>20</sup>-16<sup>30</sup></b>	<b>Wnęk Marta:</b> Assessment of the behaviour of horses of different ages in response to familiar and unfamiliar odors	<b>Waraczewski Robert:</b> Physicochemical properties of gelatin and vegan jelly candy enriched with dietary fiber	<b>Gładysz Jacek:</b> Exhaust gas emissions during combustion of off-grade pellets in a low-power burner with a fixed combustion chamber
<b>16<sup>30</sup>-16<sup>40</sup></b>	<b>Wengerska Karolina:</b> A cross-generational comparison of chick quality in Leghorn and Green-legged Partridge breeds	<b>Saweczko Aleksandra:</b> Non-Saccharomyces Yeast as Starter Cultures - Properties and Prospects	
<b>16<sup>40</sup>-16<sup>55</sup></b>	<b>Coffee break/ Interdisciplinary poster session / Presentation of Partners (Lobby of the Congress Hall of the University of Life Sciences in Lublin; stationary format)</b>		
<b>16<sup>55</sup>-17<sup>25</sup></b>	<b>PANEL VII (Congress Hall of the University of Life Sciences in Lublin; hybrid format)</b>		

16 <sup>55</sup> -17 <sup>25</sup>	<b>Presentation of the awards and certificates for the best presentation in each session and the best poster</b> prof. dr hab. Krzysztof Kowalczyk – Rector of the University of Life Sciences in Lublin prof. dr hab. Andrzej Jakubczak – Director of the Doctoral School Summary of the first day of the Conference MSc Anastasiya Ramankevich - Chairwoman of the Doctoral Students' Self-Government
17 <sup>45</sup> -18 <sup>30</sup>	<b>Bus transfer from Lublin to Nałęczów</b>
18 <sup>30</sup> -20 <sup>00</sup>	<b>Participants' accomodation</b>
20 <sup>00</sup>	<b>Gala Dinner</b>

**Second day of the event; 23<sup>th</sup> April 2026**

**The International Workshops supported by the STER NAWA project “Actions towards the internationalization of the Doctoral School of the University of Life Sciences in Lublin (I-SDUPL)”(stationary format)**



9 <sup>00</sup> -12 <sup>00</sup>	<b>Workshop No. 1: From Information to Engagement - How to Conduct Memorable Classes;</b> Prelegent: Mirek Urban, Business psychologist, speechwriter, and public speaking and storytelling trainer. He lectures at Lazarski University (Warsaw), the National School of Judiciary and Public Prosecution (Krakow, Lublin), the Białystok University of Technology, and the Catholic University of Lublin (stationary format)
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch</b>
13 <sup>00</sup> -16 <sup>00</sup>	<b>Workshop No. 2: Neurodidactics in university classes;</b> Speaker: Agnieszka Mądrakiewicz-Stanek - psychologist, CBT psychotherapist in training, trainer and coach (stationary format)
16 <sup>00</sup> -19 <sup>00</sup>	<b>Workshop No. 3:</b> Speaker: Gugulethu Tshabalala, University of KwaZulu-Natal, South Africa (on-line format)
19 <sup>00</sup>	<b>Barbecue dinner</b>

**Third day of the event; 24<sup>th</sup> April 2026**

**The International Workshops supported by the STER NAWA project “Actions towards the internationalization**



9 <sup>00</sup> -12 <sup>00</sup>	<b>Workshop No. 4: You Have Knowledge... Now What? Skills and Values for Navigating Complex Environmental Challenges;</b> Prelegent: Malgorzata Anielka Pieniazek, PhD Researcher & Postgraduate Teaching Assistant in MA Sociology of Educatio UCL Institute of Education, United Kingdom; Affiliate Student Researcher, Stellenbosch University, South Africa (stationary format)
12 <sup>00</sup> -13 <sup>00</sup>	<b>Lunch</b>
13 <sup>00</sup> -16 <sup>00</sup>	<b>An unforgettable trip</b>
16 <sup>00</sup> -17 <sup>30</sup>	<b>Bus transfer to Lublin</b>

**First day of the event 22<sup>nd</sup> April 2026**

**Poster sessions**

**Moderators:**

dr hab. Agnieszka Starek-Wójcicka, associate prof. - Head of the session

Prof. Dr. Paulius Matusevicius

prof. dr hab. Jacek Pranagal

dr hab. Przemysław Tkaczyk, associate prof.

PhD Wiktoria Janicka

PhD Paulina Łysakowska

**Poster session – Animal Sciences**

1	<b>Barszcz W. et al.:</b> Bioactive Compounds of Bee Products and Their Role in the Modulation of the Immune Response
2	<b>Brandys-Buczek Martyna et al.:</b> The effect of incubation on the mineral composition of chicken eggshell
3	<b>Dobosz Agnieszka et al.:</b> The role of omega-3 fatty acids in preventive healthcare in dogs according to owners' opinions

4	<b>Dobosz Agnieszka et al.:</b> Fatty acid profile of microalgae oil ( <i>Schizochytrium sp.</i> ) as a source of omega-3 fatty acids used in canine nutrition
5	<b>Domański Fabian et al.:</b> The influence of the specific xylanase enzyme on the fattening results of pigs
6	<b>Drzewiecka Beata:</b> Nature's Shield: Turning Hydroxyapatite into a Smart Biomaterial with Porcine Peptides
7	<b>Fabjanowska Julia et al.:</b> <i>In vitro</i> digestibility of selected herbs and their mixtures as potential components of immunonutrition strategies in ruminants
8	<b>Fedyshyn Petro et al. (on line):</b> Application of in vivo models of hyperglycemic state in metabolic research
9	<b>Figura Aleksandra et al.:</b> Hidden Animal DNA in Commercial Medicinal Products: Implications for Consumer Transparency and Molecular Screening
10	<b>Gała Kornelia et al.:</b> Effectiveness of Percoll density gradient separation of Arabian stallion semen in selecting spermatozoa with preserved DNA integrity
11	<b>Głodkowska Katarzyna et al.:</b> The influence of probiotic administration on phagocytic and oxidative burst activity of phagocytes in peripheral blood in holstein calves
12	<b>Gronowska Maja et al.:</b> Effect of Lisosan G supplementation on oxidative status in a rat model of hepatocellular carcinoma
13	<b>Grychnik Paweł et al.:</b> The role of the <i>CD163</i> gene in susceptibility of pigs to porcine reproductive and respiratory syndrome
14	<b>Janicka Wiktoria et al.:</b> Assessment of feeding behaviour and olfactory exploration of different chaffs in goats
15	<b>Jaworski Hubert et al.:</b> <i>Felis catus</i> – global predator in the natural environment
16	<b>Kaliszyk Klaudia et al.:</b> Influence of work type and breed on heavy metal levels in search and rescue dogs' hair
17	<b>Kaszycka Kamila et al.:</b> Sniff happens: aromatherapy through the nose of a dog
18	<b>Kostarczyk Katarzyna et al.:</b> Analysis of the developmental potential of parthenogenetic embryos of the domestic rabbit ( <i>Oryctolagus cuniculus f. domesticus</i> )
19	<b>Kowalik Joanna et al.:</b> Evaluation of the antibacterial activity of bacteriocins and postbiotics produced by <i>Lactococcus lactis</i> and <i>Enterococcus</i> spp. against <i>Staphylococcus aureus</i> strains isolated from the milk of cows with mastitis

20	<b>Kowal-Mierzwa Wiktoria et al.:</b> Application of sperm-FISH for detecting autosomal chromosomal abnormalities in bulls
21	<b>Lewandowska Sylwia et al.:</b> ( <i>on line</i> ): Fluoroquinolone use in small mammals: a retrospective clinical analysis (2015–2024)
22	<b>Łagowski Dominik et al.:</b> ( <i>on line</i> ): In vitro activity of compounds with antifungal efficacy against <i>Malassezia pachydermatis</i> strains
23	<b>Marzec Aleksandra et al.:</b> Does dietary fibre modulate the immune effects of copper nanoparticles in rats?
24	<b>Milewski Szymon et al.:</b> Assessment of the effect of thyme and/or garlic on the chemical composition and mineral profile of muscles and selected organs of broiler chickens
25	<b>Moczulska Magdalena et al.:</b> The effect of <i>Cucurbita pepo</i> supplementation on technological and consumption quality of fattening pigs meat
26	<b>Ospatek Wojciech et al.:</b> Virulence of superbugs, <i>Escherichia coli</i> as risk factors in free-living animals
27	<b>Pisarek Maria et al.:</b> Clinical course of borreliosis in Bernese Mountain Dogs – own observation
28	<b>Poovathingal Kurian Athul et al.:</b> TP53 Mediated Molecular Pathways of Aflatoxin B1-Induced Hepatotoxicity: Implication on Hepatoprotection
29	<b>Półrolniczak Joanna et al.:</b> Green transition in MXene fabrication: alternative etching chemistries to replace or reduce HF
30	<b>Ramankevich Anastasiya et al.:</b> Heritability and inbreeding depression of production and performance traits in selected lines of laying hens
31	<b>Rodz Vladyslav et al.:</b> ( <i>on line</i> ): Biochemical Pathways and Innovative Therapeutic Strategies in Alimentary Toxicosis and Metabolic Disorders
32	<b>Świerczek Natalia et al.:</b> ( <i>on line</i> ): Variation within the <i>DAB2IP</i> gene region among pig breeds
33	<b>Tarasek Zuzanna et al.:</b> Identification of the crypto-tobiano coat pattern in the Hucul horse population using fluorescent in situ hybridization
34	<b>Zeliszewska-Duk Paulina et al.:</b> The influence of selected physiotherapeutic treatments on the motor performance indicators of Horses
35	<b>Ziółkowska-Twarowska Kaja et al.:</b> MicroRNAs as biomarkers in canine mammary tumours

36	<b>Adamczyk Patrycja et al.:</b> The Specificity of Urban Development in Siberian Cities
37	<b>Białowas Patrycja et al. (on-line):</b> From Soil to Gut: Environmental Degradation as a Potential Driver of the Obesity Epidemic
38	<b>Błaszczyk Wiktoria et al.:</b> Differential effects of protic ionic liquids on the speciation of potentially toxic elements in digested sewage sludges and the ecotoxicity of treated residues
39	<b>Dobrowolska Katarzyna:</b> EIVs of bryophytes: A modern take on a classic ecological tool
40	<b>Garbacz Aleksandra et al.:</b> Diversity of thrips fauna (Insecta, Thysanoptera) of two types of meadow communities in Pliszczyn
41	<b>Jaroszuk-Sierocińska Monika:</b> Functioning of urban soils under anthropo pressure conditions on the example of dry valleys of Lublin
42	<b>Kaya Mucahit et al.:</b> Comparative analysis of a hybrid ca–xgboost model and the flus model for urban growth simulation: Lublin, Poland
43	<b>Kołodziej Beata et al.:</b> Reclamation and development of land following the extraction of natural aggregates
44	<b>Krakowiak Wiktoria (on-line):</b> The Role of the Family in Shaping Children’s Pro-Environmental Attitudes: A Literature Review
45	<b>Ligęza Sławomir et al.:</b> Spatial distribution of phosphorus in bottom sediments of Zemborzyckie Lake in Lublin, Poland
46	<b>Michaś Katarzyna:</b> Ecophysiology as a foundation for the implementation of urban plant-based water retention systems
47	<b>Myszura-Dymek Magdalena et al. (on-line):</b> The influence of exogenous organic matter on carbon sequestration in poor agricultural soils
48	<b>Rząd Klaudia et al.:</b> Biological activity of selected heterocyclic compounds in reducing the growth of biotrophic pathogens of cereals
49	<b>Sokal Karolina et al.:</b> Comparison of the use of the power unit of an agricultural tractor in selected rapeseed cultivation operations
50	<b>Raduj Waldemar et al.:</b> Utilization and dewatering of sewage sludge from domestic sewage treatment plants
51	<b>Wilk Jordan et al.:</b> Noise Monitoring and Acoustic Climate Assessment in Protected Areas: The Case of Roztocze National Park

52	<b>Wójcik-Madej Julia et al.:</b> Analysis of the city of Lublin's potential for implementing nature-based solutions (NBS)
53	<b>Beata Zawadzka et al.:</b> Sorption properties of Rockfos® material and its potential applications
<b>Poster session - Food quality</b>	
54	<b>Bajt Petra et al. (on-line):</b> Moisture content evaluation of herbal dietary supplements
55	<b>Bartoń Maciej:</b> Differentiation of organic and traditional fermented cucumbers in relation to conventional products using ATR-FTIR spectroscopy and PCA
56	<b>Gazda Patrycja:</b> The role of fruit additives in shaping the antioxidant activity of yogurt
57	<b>Grikštaitė-Prapiestė Greta et al. (on-line):</b> Response Surface Optimization of Enzymatic Hydrolysis for Recovery of Anthocyanins and Phenolic Compounds from Strawberry (cv. Malwina) Pomace
58	<b>Juknienė Ignė et al. (on-line):</b> Assessment of the Safety and Nutritional Value of Porcine By-products
59	<b>Krajewska Anna et al.:</b> Strawberry pomace and enriched cookies: Effects of drying method and temperature on color properties
60	<b>Łysakowska Paulina et al.:</b> Cereal Arabinoxylans as Modulators of the Gut-Brain Axis with Potential Neuroprotective Significance
61	<b>Michalska Agata et al.:</b> Chemical composition, antioxidant and anti-inflammatory properties of the Blushing Bracket ( <i>Daedalea quercina</i> )
62	<b>Sadurski Jan et al.:</b> Microbial ecosystem dynamics during artisanal goat cheese ripening
63	<b>Skwarek Patrycja et al.:</b> Red currant pomace as a source of bioactive compounds with antioxidant and antimicrobial properties in meat products with reduced nitrogen compounds content
64	<b>Stasiak Joanna et al.:</b> Effect of processing conditions on the proteomic profile of aquafaba derived from selected legume seeds
65	<b>Švecová Lada et al.:</b> Effect of brine properties and parameter correlations on smear-ripened cheeses during production
66	<b>Tama Anna et al.:</b> Effect of fruit by-products localization and sweetening system on the texture of candies

67	<b>Wypych Monika et al.:</b> Decoding capsaicinoid signals with lorentzian curve fitting
68	<b>Ahmed Ararem et al.:</b> Partial Identification of <i>Saccharomyces spp.</i> isolated from Sourdough: Antibiotic Resistance, Hemolytic and Antibacterial Activities
<b>Poster session - Health and Basic Sciences</b>	
69	<b>Ahmad Ashfaq et al. (on-line):</b> Beyond Apoptosis: Calpains as a Guardian of Immune Quiescence and Self-Tolerance – a systematic review
70	<b>Biadun Daria et al.:</b> 2-Hydroxyethylcellulose based hydrogels with additives - preparation and properties
71	<b>Bogdanowicz-Żeleźniak Alicja et al. (on-line):</b> CIP2A as predictor of treatment response in plasma cell myeloma
72	<b>Borecka Magdalena et al.:</b> Antioxidant Activity of Microencapsulated Seed Protein Hydrolysates from Selected Plants of the Cucurbitaceae Family
73	<b>Gutowska-Kurant Gabriela et al.:</b> Integrating mindfulness and diet to support stress management in ADHD
74	<b>Janicka Kamila et al.:</b> The effect of age, sex and acceptance of touch on goats' responses to social support from humans
75	<b>Kraus Peter et al.:</b> Vitamin D levels, respiratory disease risk in children and adolescents
76	<b>Lipian Anna et al.:</b> Comparison of the content of functional peptides with health-promoting effects in goat milk from the summer and winter seasons
77	<b>Machura Gabriela et al.:</b> From electrochemistry to therapy: novel heterocyclic compounds in the fight against colorectal cancer
78	<b>Małys Magda et al.:</b> The effect of metformin concentration on the course of differential capacitance curves of the double layer of the mercury electrode - acetate buffer at pH = 4 and pH = 6 containing metformin
79	<b>Niedźwiadek Konrad et al.:</b> Isolation and characterization of biofilm-forming environmental isolates
80	<b>Pietrasik Dominika et al.:</b> Potential of natural MAO inhibitors in ADHD therapy support
81	<b>Rolewicz Aleksandra et al.:</b> The use of grape pomace powder as a functional ingredient in carrot mousse – an analysis of physicochemical properties

82	<b>Śliwka Angelika et al.:</b> Evaluation of safety and probiotic properties of <i>Enterococcus faecalis</i>
83	<b>Ślusarczyk Lidia et al.:</b> Searching for novel antifungal compounds forming synergistic systems with polyene and azole antibiotics
84	<b>Warchoń Katarzyna et al.:</b> Microplastics in Human Female Reproductive Samples: Evidence and Implications for Endometriosis
85	<b>Wojdat Katarzyna (on-line):</b> Comparative analysis of heparin and heparan sulfate in surface modification
86	<b>Zdybel Kinga et al.:</b> Probiotic Potentials of <i>Staphylococcus epidermidis</i> : A safety assessment

#### Poster session - Plant Sciences

87	<b>Arciszewski Michał et al.:</b> Eutrophication as a risk factor in the active conservation of <i>Salix lapponum</i> in wetland habitats
88	<b>Barczyk Katarzyna et al.:</b> The effect of foliar multi-component fertilizers with chelated micronutrients on the biometric parameters of maize
89	<b>Bąk Michał et al.:</b> Effect of hypochlorous acid and Polyversum on yield and health of tulip 'Apricot Pride'
90	<b>Bernat Edyta:</b> Assessment of sugar beet leaf infection caused by <i>Cercospora beticola</i> in 2023–2025 in Czesławice
91	<b>Bętkowska Maria et al. (on-line):</b> Influence of extraction solvent on total phenolic content and in vitro antioxidant activity of <i>Scutellaria baicalensis</i> extracts
92	<b>Buczyński Kamil et al.:</b> Effects of GSD and Annotation Method on Multispectral Vegetation Indices
93	<b>Cichosz Patrycja et al.:</b> Chemical composition and antioxidant activity of essential oil and hydrolate obtained from <i>Monarda didyma</i> L.
94	<b>Figiel Sylwia et al.:</b> Innovative microbial fertilization in winter wheat cultivation
95	<b>Górka Kamila:</b> Biological properties of <i>Dryopteris erythrosora</i> extract
96	<b>Jędryś Wiktoria et al.:</b> Sequencing-based approaches to understanding oat–powdery mildew interactions: current status and future directions
97	<b>Krakowiak Dominika et al.:</b> Application of FTIR spectroscopy and chemometrics in the analysis of biochemical diversity of ornamental plant leaves

98	<b>Krukow Ewelina et al.:</b> Differences in the absorption of selenium and iodine from foliar fertilizers
99	<b>Nikolova Tsvetina et al. (on-line):</b> Priming with polyamine spermine modulates osmolytic parameters in <i>Triticum aestivum</i> L. infected with <i>Fusarium culmorum</i>
100	<b>Pasula Natalia et al. (on-line):</b> The effect of solvent on the phytochemical profile of <i>Scutellaria baicalensis</i> extracts
101	<b>Pietrzniak Maciej et al.:</b> The effect of common tansy ( <i>Tanacetum vulgare</i> L.) essential oil on the growth and sporulation of <i>Coletotrihum coccoodes</i> colonies (Wallr.) S. Hughes
102	<b>Sałęga Natalia (on-line):</b> Influence of extraction solvent on total phenolic content and in vitro antioxidant activity of <i>Scutellaria baicalensis</i> extracts
103	<b>Wielgos Justyna et al.:</b> Sheep grazing and grassland regeneration — soil enzymatic activity in Natura 2000
104	<b>Witoszek Hanna et al. (on-line):</b> Optimizing Melatonin Treatment for Surfactant Stress in Cucumber
105	<b>Wnuczek Rafał et al.:</b> Economic results of winter barley cultivation

#### Poster session - Technology

106	<b>Dębowska Ewa Agnieszka et al.:</b> Contemporary role of fertilization from the perspective of compound fertilizer producers
107	<b>Jagiello Dorota (on-line):</b> The effect of application methods of microbiological preparations on oat yield
108	<b>Ryszko Urszula et al. (on-line):</b> Process performance and impurity migration in wet phosphoric acid production from phosphate rocks of different origins
109	<b>Ryszko Urszula et al. (on-line):</b> Process performance and impurity migration in wet phosphoric acid production from phosphate rocks of different origins
110	<b>Snarski-Adamski Andrzej et al.:</b> The Impact of Filler Content on the Durability of 3D-Printed Dental Resins
111	<b>Stelmachowicz Adrian et al.:</b> Between promise and reality – what determines the biodegradability of polylactic acid?
112	<b>Stoma Wiktoria et al.:</b> Review of Coffee Bean Processing Technologies
113	<b>Szwed Małgorzata et al.:</b> Optimization of Digestate Application Methods for Improved Maize Yield and Grain Quality
114	<b>Tomasik Joanna et al. (on-line):</b> Processing efficiency of biodegradable PLA/PHB/WPC composites

115

**Voranava Alina et al.:** Vacuum impregnation as a tool for designing functional foods: mechanisms, applications and challenges

116

**Wirkijowska Anna et al.:** Application of High-Protein Raw Materials in the Production of Functional Wheat Bread – Nutritional Benefits and Technological Challenges