

CONFERENCE SCHEDULE

Sessions A, C, D, and E - "Gwiazdowa" conference room, first floor
 Session B (poster session) - "Fabryczna" conference room, ground floor

September 24th 2025 – Wednesday

17 ⁰⁰ -19 ⁰⁰	Registration
19 ⁰⁰ -20 ⁰⁰	Dinner

September 25th 2025 – Thursday

9 ⁰⁰ -9 ³⁰	OPENING CEREMONY Katarzyna Struszczyk-Świta, Ph.D., President of PTChit Prof. Henryk Struszczyk prize - giving ceremony
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SESSION A ORAL PRESENTATION		
Chairman		Prof. Małgorzata JAWORSKA, Ph.D., D.Sc.
A1	9 ³⁰ -9 ⁵⁰	Irina Kuznik, Sabrina Scheele, Chokri Cherif, Katja Heppe, Moritz Gold, Jonas Finck, Axel Wähling, Barbara Zippel, Ina Turinsky, Mareike Gast INSECTMATTER: INSECT-BASED CHITIN FOR REGIONAL BIOECONOMY
A2	9 ⁵⁰ -10 ¹⁰	Katarzyna Gurzawska-Comis, Salwa Suliman, Anna Mieszkowska, Bodil Jørgensen, Kamal Mustafa SUSTAINABLE PLANT POLYSACCHARIDE-BASED BIOMATERIALS FOR BONE REGENERATION IN AGING POPULATION
A3	10 ¹⁰ -10 ³⁰	Olga Marchut-Mikołajczyk, Piotr Drożdżyński NATURAL ENZYME FACTORIES: CHITOSANOLYTIC ACTIVITY IN FUNGI FROM <i>CHELIDONIUM MAJUS</i>
A4	10 ³⁰ -10 ⁵⁰	Piotr Drożdżyński, Olga Marchut-Mikołajczyk A DUAL-ACTION BIOPREPARATION: ENDOPHYTIC BIOSURFACTANTS AND CHITOSAN FOR CROP STIMULATION
A5	10 ⁵⁰ -11 ⁰⁰	Magdalena Gierszewska PROGRESS ON CHEMISTRY AND APPLICATION OF CHITIN AND ITS DERIVATIVES”
11 ⁰⁰ -11 ²⁰		Coffee/tea break

11 ²⁰ -12 ²⁰	SESSION B POSTER PRESENTATION
B1	Katarzyna Małolepsza-Jarmołowska, Hanna Bazan STUDY OF THE EFFECT OF POLYVINYLPIRROLIDONE K-15 ON THE PROPERTIES OF CHITOSAN GELS PREVENTING THE EFFECTS OF REFLUX
B2	Katarzyna Małolepsza-Jarmołowska, Hanna Bazan CHITOSAN GELS PROTECTING THE ESOPHAGEAL MUCOSA CONTAINING A THERMOSENSITIVE POLYMER IN THE PRESENCE OF HYDROPHILIZING SUBSTANCES
B3	Anna Marzec, Bolesław Szadkowski, Zbigniew Draczyński, Dominik Sikorski SUSTAINABLE BIOACTIVE FORMULATION FOR ECO-FRIENDLY COTTON: ENHANCING ANTIMICROBIAL EFFICACY AND FIRE RESISTANCE
B4	Renata Czechowska-Biskup, Klaudia Jakubowska, Malwina Olejniczak, Bożena Rokita, Piotr Ulański SONOCHEMICAL SYNTHESIS OF CHITOSAN-STABILIZED SILVER NANOPARTICLES
B5	Aleksandra Dziopa, Oskar Zimak-Krótkopad, Judyta Cielecka-Piontek EXTRACTION AND CHARACTERIZATION OF CHITOSAN FROM DIFFERENT SILKWORM SPECIES
B6	Urszula Filipkowska, Tomasz Jóźwiak EFFICIENCY OF THE REACTIVE BLACK 5 DYE REMOVAL IN AN AIR-LIFT REACTOR AND IN A COLUMN REACTOR
B7	Małgorzata Gnus MIXED MATRIX CHITOSAN MEMBRANES – INFLUENCE OF METAL OXIDE PARTICLES ON WATER AND ETHANOL TRANSPORT PROPERTIES IN VAPOUR PERMEATION PROCESS
B8	Barbara Hawrylak-Nowak, Sławomir Dresler, Jan Sawicki, Renata Matraszek-Gawron, Maria Stasińska-Jakubas, Katarzyna Rubinowska, Weronika Woch A COMPARATIVE EVALUATION OF THE ABILITY OF TWO CHEMICAL FORMS OF CHITOSAN TO ALLEVIATE SALINITY-INDUCED STRESS IN <i>CUCUMIS SATIVUS</i> L.
B9	Karolina Rolińska, Ewelina Jakubowska, Katarzyna Łęczycka-Wilk, Małgorzata Żmieńko, Szymon Mania, Adrianna Banach-Kopeć BIOACTIVE CHITOSAN FILMS WITH DEEP EUTECTIC SOLVENTS AND FRUIT WASTE EXTRACTS FOR IMPROVED FOOD PACKAGING PROPERTIES
B10	Agata Krakowska, Joanna Zontek-Wilkowska, Dominik Müller, Żaneta Binert-Kusztal PERSONALIZED HYDROGEL DRESSING DOPED WITH BIOACTIVE SUBSTANCES - DERIVED FROM BIOMASS <i>IN VITRO</i> CULTURES

B11	Joanna Zontek-Wilkowska, Agata Krakowska, Dominik Müller, Przemysław Dorożyński USE OF EXTRACTED POLYSACCHARIDES FROM <i>PLEUROTUS</i> SPP. BIOMASS TO OBTAIN BIOACTIVE LAYERS
B12	Dominik Müller, Beata Paczosa-Bator, Joanna Zontek-Wilkowska, Bożena Muszyńska, Agata Krakowska EFFECTIVE CHEMICAL METHOD OF CHITOSAN EXTRACTION FROM <i>IN VITRO</i> CULTURES OF <i>LENTINULA EDODES</i>
B13	Jacek Nowaczyk, Magdalena Gierszewska, Ewelina Jakubowska THE STUDY OF CHITOSAN BETAINE-CYTRIC ACID COMPLEX INTERMOLECULAR INTERACTIONS USING DFT
B14	Katarzyna Pieklarz, Zofia Modrzejewska CHITOSAN BIOMATERIALS CONTAINING SALT OF PYRIMIDINE NUCLEOTIDE – PHYSICOCHEMICAL ASSESSMENT AND <i>IN VITRO</i> BIOCOMPATIBILITY ANALYSIS
B15	Maria Wiśniewska-Wrona, Monika Sikora, Anna Wojtala, Marek Warzala, Klaudia Piekarska, Konrad Sulak, Dominik Borkowski, Wiesław Adamiec, Dorota Stańczyk OBTAINING VARIOUS FUNCTIONAL FORMS FROM PLASTICIZED CHITOSAN BY EXTRUSION TECHNIQUE
B16	Monika Bil, Wiktoria Luba, Bartłomiej Bukryj, Wiktoria Pietraszuk, Maciej J. Bernacki, Artem Kuchalenko, Tomasz Ciamulski 3D STRUCTURED CELLULOSE PADS FUNCTIONALISED WITH VARIOUS POLYSACCHARIDES FOR AGRICULTURAL APPLICATIONS
B17	Bolesław Szadkowski, Anna Marzec FROM NATURE TO PROTECTION: MULTI-FUNCTIONAL CHITOSAN COATINGS WITH NATURAL ADDITIVES FOR ANTIMICROBIAL AND FLAME-RETARDANT COTTON TEXTILES
B18	Zofia Helena Bagińska, Emilia Szymańska BARRIER AGENT OR PENETRATION ENHANCER? – THE ROLE OF CHITOSAN IN TOPICAL FORMULATIONS
B19	Magdalena Gierszewska, Julia Paluszyńska, Ewa Olewnik-Kruszkowska EFFECT OF CHITOSAN-BASED PACKAGING FILMS WITH TEA TREE EXTRACT ON THE ANTIOXIDATIVE FEATURES OF COSMETICS DURING ACCELERATED STORAGE
B20	Weronika Gonciarz, Marek Brzeziński, Artur Lewandowski, Paweł Wawrzyniak, Magdalena Chmiela CAN <i>MYCOBACTERIUM BOVIS</i> BCG BACILLI BE A CANDIDATE FOR PREVENTING THE DEVELOPMENT OF <i>HELICOBACTER PYLORI</i> INFECTION?

B21	Katarzyna Struszczyk-Świta, Magdalena Gierszewska AN INNOVATIVE MICROWAVE-ASSISTED APPROACH FOR CHITOSAN EXTRACTION FROM THE BIOMASS OF <i>MUCOR CIRCINELLOIDES</i>
B22	César I. Hernández Vázquez, Zbigniew Draczyński COMPARATIVE IMPACT OF CARBOXYLIC ACID SOLVENTS ON WET-SPUN FIBERS FROM DIFFERENT SOURCES
B23	Joanna Kluczka, Łukasz Wujcicki, Tomasz Mańdok USE OF CHITOSAN MODIFIED WITH LANTHANIDE SALTS FOR SORPTION REMOVAL OF ANIONS FROM WATER
B24	Marta Wasilewska, Beata Gutarowska, Anna Masek CHITIN FROM INSECT EXOSKELETONS AS A BIOTECHNOLOGICAL PACKAGING MATERIAL WITH ANTIBACTERIAL PROPERTIES
B25	Bianca-Iustina Andreica, Irina Rosca, Luminita Marin BIOMEDICAL APPLICATIONS OF HYDROGELS DESIGNED FROM CHITOSAN SCHIFF BASE DERIVATIVES

SESSION C		
ORAL PRESENTATION		
Chairman		Prof. Olga MARCHUT-MIKOŁAJCZYK, Ph.D., D.Sc.
C1	12²⁰-12⁴⁰	Bianca-Iustina Andreica, Alexandru Anisie, Irina Rosca, Luminita Marin NANOFIBERS BASED ON CHITOSAN/QUATERNIZED CHITOSAN SCHIFF BASES DESIGNED AS HEMOSTATIC BANDAGES
C2	12⁴⁰-13⁰⁰	Katarzyna Kresse-Walczak, Katrin Binz, Meissner Heike, Klaus Boening IN VITRO SIMULATION OF MINERALIZED BIOFILM USING CHITOSAN-BASED ARTIFICIAL CALCULUS EQUIVALENTS
C3	13⁰⁰-13²⁰	Magdalena Paczkowska-Walendowska, Anna Rył, Piotr Owczarz, Jakub Kwiatek, Judyta Cielecka-Piontek BAICALEIN-LOADED CHITOSAN FILMS: A NOVEL BIOMATERIAL FOR THE TREATMENT OF ORAL INFECTIONS

13²⁰-14³⁰	Lunch
14³⁰-19⁰⁰	Visiting the monuments of Łódź with a guide. Łódź: From the Legacy of Izrael Poznański to Modern Times
20⁰⁰-24⁰⁰	Gala dinner “Soplicowo” Restaurant*

*“Soplicowo” Restaurant, Łódź, Wigury Street 12a, www.soplicowo.com.pl

September 26th 2025 – Friday

9 ⁰⁰ -10 ³⁰		General Assemble of the Polish Chitin Society (only for PTChit members)
SESSION D ORAL PRESENTATION		
Chairman		Katarzyna KRESSE-WALCZAK, Ph.D., Dr. med. dent
D1	10 ³⁰ -10 ⁵⁰	Joanna Odrobińska-Baliś, Magdalena Prochner, Kinga Kružel, Magdalena Regulska, Monika Leśkiewicz, Dorota Duraczyńska, Szczepan Zapotoczny, Władysław Lasoń, Krzysztof Szczepanowicz CHITOSAN NANOCAPSULES FOR ENCAPSULATION OF LIPOPHILIC NEUROPROTECTANTS: TOWARD ADVANCED CNS DRUG DELIVERY SYSTEMS
D2	10 ⁵⁰ -11 ¹⁰	Joanna Kurczewska CHITOSAN-BASED HYDROGEL BEADS INCORPORATING MOLECULARLY IMPRINTED POLYMERS FOR SELECTIVE ADSORPTION OF PHARMACEUTICALS
D3	11 ¹⁰ -11 ³⁰	Sabrina Scheele, Irina Kuznik, Lukas Benecke, Chokri Cherif CHITIN AND CHITOSAN FILAMENT YARNS FROM VARIOUS NATURAL SOURCES FOR MEDICAL AND TECHNICAL APPLICATIONS
D4	11 ³⁰ -11 ⁵⁰	Daniela Ailincăi, Luminita Marin HYDROGELS BASED ON IMINOCHITOSAN DERIVATIVES FOR BIOMEDICAL APPLICATIONS
D5	11 ⁵⁰ -12 ¹⁰	Anna Rył, Andrea Jannina Fernandez, Manlio Tassieri, Piotr Owczarż MAPPING THE MULTISCALE VISCOELASTIC LANDSCAPE OF CHITOSAN SOLUTIONS
12 ¹⁰ -12 ³⁰		Coffee/tea break

SESSION E ORAL PRESENTATION		
Chairman		Daniela AILINCAI, Ph.D.
E1	12 ³⁰ -12 ⁵⁰	Izabela Myjak, Marcin Barburski, Zbigniew Draczyński, Dominik Sikorski MODIFICATION OF CELLULOSE-BASED TEXTILE PRODUCTS WITH CHITOSAN SALT
E2	12 ⁵⁰ -13 ¹⁰	Julia Kietlińska, Anna Marzec, Zbigniew Draczyński, Dominik Sikorski INVESTIGATION OF ORGANIC PLASTICIZERS AND THEIR IMPACT ON THE ELASTICITY OF CHITOSAN FILMS FOR FUNCTIONAL COATING APPLICATIONS
E3	13 ¹⁰ -13 ³⁰	Akshayaa Sankar, Ramyadevi Durai, Vedha Hari B Narayanan, Marek Brzeziński SPRAY DRIED EFVIRENZ LOADED CHITOSAN NANOPARTICLE: A LONG-ACTING ANTI-RETROVIRAL THERAPY FOR HIV
13 ⁴⁰ -14 ⁰⁰		Closing of the conference
14 ⁰⁰ -15 ⁰⁰		Lunch