

Programme

Friday, 18.05.2018, Collegium Śniadeckiego, Jagiellonian University, Kraków

Aerobiological Symposium under the patronage of the Aerobiological Section of the Polish Botanical Society

8.00-9.00 Registration

9.00 Welcome: Dorota MYSZKOWSKA & Józef MITKA

9.10-11.00 Session 1

Chairs: Dorota MYSZKOWSKA & Andrzej SKOCZOWSKI

9.10 Wanda WILCZYŃSKA-MICHALIK, Łukasz TYRAŁA & Marek MICHALIK – Air pollution in Krakow – particulate matter, its characteristics and origin

9.25 Małgorzata PUC, Tomasz WOLSKI & Alicja STACEWICZ – Pollen allergens and smog phenomenon

9.35 Andrzej SKOCZOWSKI, Monika ZIEMIANIN, Jakub OLIWA, Andrzej KORNAS & Dorota MYSZKOWSKA – The influence of air pollution on the physiological condition of silver birch (*Betula pendula* Roth) trees – possible correlations with pollen allergenic property

9.50 Monika ZIEMIANIN, Jacek WAGA, Dorota MYSZKOWSKA, Andrzej SKOCZOWSKI & Ewa CZARNOBILSKA – Electrophoresis of proteins in birch pollen extracts collected from locations of different pollution levels

10.05 Idalia KASPRZYK, Tomasz WÓJCIK, Paloma CARIÑANOS, Katarzyna BORYCKA & Agata ĆWIK – Application of the allergenicity index to assess the impact of urban greenery on sensitized people

10.25 Joanna BOKALSKA-RAJBA & Dorota NALEPKA – Comparison of the content of sporomorphs in the soil surface sample with the Tauber type trap collected in 2007 and 2017, at the Gronostajowa street site in Krakow

10.40 Barbara MAJKOWSKA-WOJCIECHOWSKA, Zofia BALWIERZ & Marek L. KOWALSKI – The pollination pattern in central Poland has not been changes during fifteen years of observations

11.00 *Coffee break*

11.30-13.15 Session 2

Chairs: Elżbieta WERYSZKO-CHMIELEWSKA & Bogdan JACKOWIAK

11.30 Joanna WIECZOREK – Meteorological conditions and the hazel flowering at the beginning of 2018 – typical or unusual?

11.50 Katarzyna BORYCKA & Idalia KASPRZYK – Increased pollen concentrations during rainfall and storms - an attempt to explain this phenomenon

- 12.10 Katarzyna BORYCKA & Idalia KASPRZYK – Airborne *Alnus* pollen during snowfall - aerobiological anomaly?
- 12.20 Małgorzata KĘPIŃSKA-KASPRZAK– Phenological observations run by the Institute of Meteorology and Water Management – National Research Institute
- 12.50 Artur GÓRECKI & Dorota MYSZKOWSKA – Phenological observations of *Ambrosia artemisiifolia* in Kraków – preliminary results
- 13.00 Danuta STEPALSKA, Dorota MYSZKOWSKA, Katarzyna PIOTROWICZ, Katarzyna BORYCKA, Kazimiera CHŁOPEK, Łukasz GREWLING, Janka LAFFÉRSOVÁ, Barbara MAJKOWSKA-WOJCIECHOWSKA, Małgorzata MALKIEWICZ, Krystyna PIOTROWSKA-WERYSZKO, Małgorzata PUC, Victoria RODINKOVA, Ondrej RYBNÍČEK, Jana ŠČEVKOVÁ & Katharyna VOLOSHCHUK – Frequency of high *Ambrosia* pollen concentrations in Poland conditioned by meteorological parameters
- 13.15 *Lunch time and common photo in the Botanical Garden*
- 14.15-15.40 Session 3**
Chairs: Małgorzata JĘDRYCZKA & Idalia KASPRZYK
- 14.15 Akinwunmi O. LATUNDE-DADA, Joanna KACZMAREK, Jenna F. STONARD, Zbigniew KAROLEWSKI, Bruce D. L. FITT & Małgorzata JĘDRYCZKA – Reflections and projections on a decade of aerobiological studies on British and Polish phoma stem canker disease of oilseed rape caused by *Leptosphaeria maculans*
- 14.35 Joanna KACZMAREK, Idalia KASPRZYK, Beata ŻURAW, Zbigniew KAROLEWSKI & Małgorzata JĘDRYCZKA – Concentration of ascospores of *Leptosphaeria maculans* and *L. biglobosa* in Poland in autumn 2015-2017
- 14.50 Agnieszka GRINN-GOFRON, Joanna KACZMAREK, Magdalena SADYŚ, Agnieszka STRZELCZAK, Victoria RODINKOVA, Alex PRIKHODKO & Małgorzata JĘDRYCZKA – Modern tools for tracking of fungal spore transport in air masses, using *Leptosphaeria* spp. as an example
- 15.10 Joanna KACZMAREK, Kalina GÓRNIK, Witold IRZYKOWSKI, Neil HAVIS & Małgorzata JĘDRYCZKA – Molecular detection of *Ramularia collo-cygni* – the endophyte and pathogen of grasses
- 15.25 Paweł BOGAWSKI, Łukasz GREWLING, Małgorzata NOWAK, Agata SZYMAŃSKA, Łukasz KOSTECKI & Bogdan JACKOWIAK – Meteorological conditions at different troposphere levels during extremely high concentrations of *Alternaria* and *Cladosporium* spores
- 15.40 *Short break*
- 15.45-17.15 Session 4**
Chairs: Krystyna PIOTROWSKA-WERYSZKO & Łukasz GREWLING
- 15.45 Lilia KREMENSKA & Victoria RODINKOVA – Amaranthaceae plants pollination in the city of Vinnytsya, Ukraine

- 16.00 Agata FRATCZAK, Łukasz GREWLING, Paweł BOGAWSKI, Ewa STEIN & Łukasz KOSTECKI – *Artemisia campestris* – an important source of airborne allergens.
- 16.15 Katarzyna DĄBROWSKA-ZAPART & Kazimiera CHŁOPEK – Alder pollen seasons in 1997-2017, in Sosnowiec
- 16.30 Małgorzata WERNER, Maciej KRYZA, Małgorzata MALKIEWICZ, Daria BLIŃSKA, Piotr RAPIEJKO, Kazimiera CHŁOPEK, Katarzyna DĄBROWSKA-ZAPART, Dariusz JURKIEWICZ, Ewa KALINOWSKA, Agnieszka LIPIEC, Barbara MAJKOWSKA-WOJCIECHOWKA, Dorota MYSZKOWSKA, Krystyna PIOTROWSKA-WERYSZKO, Małgorzata PUC, Adam RAPIEJKO, Grzegorz SIERGIEJKO, Elżbieta WERYSZKO-CHMIELEWSKA, Andrzej WIECZORKIEWICZ & Monika ZIEMIANIN – Application of heating degree days and the ERA5 dataset for determining the start of the *Betula* pollen season over Poland – 1st step of the pollen emission module development
- 16.45 Agnieszka KUBIK-KOMAR, Krystyna PIOTROWSKA-WERYSZKO & Elżbieta KUBERA – Application of classification trees in the morphological feature selection for birch, hazel and alder pollen grains
- 17.00-17.15 Session summary
- 19.00-22.00 Social meeting in Pistacja Restaurant

Saturday, 19.05.2018, Collegium Śniadeckiego, Jagiellonian University, Kraków

Medical sessions under the patronage of the Lesser Poland Branch of the Polish Society of Allergology

- 8.00-14.00 Registration
- 8.30-9.30 Meeting of the Aerobiological Section of the Polish Botanical Society
- 10.00-10.10 Welcome: Ewa CZARNOBILSKA
- 10.10-11.20 Session 1**
Chairs: Dorota MYSZKOWSKA & Grzegorz PORĘBSKI
- 10.10 Anna RAMS & Stanisława BAZAN-SOCHA – Allergic respiratory diseases in season and out of pollen season - prevention and treatment
- 10.40 Łukasz GREWLING – Pollen or allergen monitoring? Useful information about the varying exposure during pollen season
- 11.10 *Pharmaceutical company presentations*
- 11.20 *Coffee break*
- Posters Svitlana ZUBCHENKO, Stepan MARUNIAK & Olena SHARIKADZE – Ragweed sensitization in allergic patients from the Western and in the Central part of Ukraine: diagnosis and efficacy of sublingual immunotherapy.

Roksolyana HOLOVYN – Experience of allergen immunotherapy in children with IgE - related seasonal allergic rhinitis.

10.50-13.00 Session 2

Chairs: Stanisława BAZAN-SOCHA

- 11.50 Małgorzata BULANDA & Ewa CZARNOBILSKA – Component resolved diagnostics (CRD) in allergology - descriptions of clinical cases
- 12.10 Barbara MAJKOWSKA-WOJCIECHOWSKA – The benefits and dangers of genetically engineered organisms in relation to the allergic reactions
- 12.30 Dorota MYSZKOWSKA & Michał LUPA – Available mobile tools for allergy sufferers and new proposal including the individual monitoring of allergic symptoms
- 13.45 *Pharmaceutical company presentation*
- 13.55 Closing ceremony: Dorota MYSZKOWSKA
- 13.00-14.00 *Lunch*