



## Jubilee Scientific Conference marking the 90<sup>th</sup> anniversary of Polish Herbal Committee

HERBS IN 21<sup>ST</sup> CENTURY  
BIOECONOMY IN THE PERSPECTIVE OF FURTHER DEVELOPMENT OF HERBAL INDUSTRY

### 18<sup>TH</sup> HERBAL ASSEMBLY

under the auspices of

Henryk Kowalczyk  
*Minister of Agriculture and Rural Development*

Grzegorz Cessak  
*President of the Office for Registration of Medicinal Products, Medical Devices and Biocidal Products*

Anna Kowalczuk  
*Director of the National Medicines Institute*

The conference is organised by the Polish Herbal Committee together with the Institute of Natural Fibres and Medicinal Plants National Research Institute and the Phytotherapy Section of the Polish Medical Association

**2<sup>nd</sup> - 3<sup>rd</sup> June 2022** - Institute of Natural Fibres and Medicinal Plants National Research Institute  
71b Wojska Polskiego Street, 60-630 Poznań

### AGENDA

#### **2<sup>nd</sup> June 2022 (Thursday)**

8.30 – 9.00 Registration of participants

- 9.00 – 9.10 Opening of the conference  
9.10 – 9.30 Recognition of those who contributed to the development of Polish herbal practice and medicine  
9.30 – 10.00 Addresses by the guests

**10.00 – 11.00** Inaugural lectures

- 10.00 – 10.30 Anita Magowska: An organisation like none before  
10.30 – 11.00 Jerzy Woy-Wojciechowski: Values benefiting health

11.00 – 11.30 Break

**11.30 – 13.30 Session 1 - Modern herbal practice and medicine in the world**  
(international session / in English)

session led by : Andrzej Ostrowicz and Mariola Dreger

- 11.30-11.45 Michael Keusgen: Is there a herb against cancer growing somewhere...?  
11.45-12.00 Wolfram Junghanns: Growing and processing of herbs in the XXI century  
12.00-12.15 Eva Nemeth-Zamborine: Challenges of the XXIst century and answers of the Hungarian medicinal plant sector  
12.15-12.30 Natalia Hudz: Development of antimicrobial tooth elixirs and oral sprays with propolis and herbal preparations of *Satureja montana*, *Salvia officinalis*, *Salvia sclarea* and *Thymus vulgaris*  
12.30-12.45 Frank Marthe: Caraway with increased essential oil content offers new perspectives in the pharmaceutical industry  
12.45-13.00 Hartvig Sievers: Residues and contaminants in herbal medicinal products - Challenges and approaches for sourcing, analysis and documentation  
13.00- 13.15 Marcin Ożarowski: Medical use of *Cannabis sativa* L.

13.15 – 13.30 Speakers' corner discussion

13.30 – 14.30 Lunch break

14.30 – 15.00 Opening of the poster session

**15.00 – 18.15 Session 2 a – session of the Polish Herbal Committee section of raw material**

**Herbal raw material management**

session led by: Paweł Kędzierski and Czesław Papież

- 15.00 – 15.15 Heidi Heuberger: Improved nutrient uptake data for sustainable fertilization of MAPs – online lecture  
15.15 – 15.30 Jadwiga Andrzejewska: Intercropping in the cultivation of herbal plants

- 15.30 – 15.45 Małgorzata Kania-Dobrowolska: Herbal substances helpful in the treatment of diet-related diseases
- 15.45 – 16.00 Antoni Szumny: The impact of drying conditions on the content of active compounds in selected raw herbal materials
- 16.00 – 16.15 Zenon Węglarz, Katarzyna Bączek: Wild medicinal plants, their occurrence and ecological harvest
- 16.15 – 16.30 Monika i Robert Kuryluk: Experience of ecological cultivation of *Valeriana officinalis*
- 16.30 – 16.45 Katarzyna Wielgusz: The use of hemp essential oil and extracts from selected herbal plants in the protection of flax and lemon balm against fungal diseases
- 16.45 – 17.00 Discussion
- 17.00- 17.15 Break
- 17.15 – 17.30 Marcin Praczyk, Aleksandra Wawro: Assessing the possibilities for effective usage of raw material from *Linum usitatissimum* L. in closed-loop bioeconomy
- 17.30 – 17.45 Joanna Grześkowiak: White mulberry - application in herbal medicine and bioeconomy
- 17.45 – 18.00 Krzysztof Pilarski: Possibilities for using plants in bioeconomy
- 18.00 – 18.15 Discussion
- 18.15 – 19.00 Break

**15.00 – 18.15 Session 2 b – session of the Polish Herbal Committee section of industry and trade**

**Herb processing and the market for herbal products**

session led by: Kamil Pawłowicz and Jacek Przybylski

- 15.00 – 15.15 Małgorzata Kęsik-Brodacka: New generation vaccines obtained from transgenic plants
- 15.15 – 15.30 Anna Szurpnicka: Mistletoe - a recipe for a smile
- 15.30 – 15.45 Małgorzata Sznitowska: Directions in the development of technologies of herbal products' forms (developmental trends)
- 15.45 – 16.00 Justyna Baraniak: Problems with herbal substances in food supplements for selected consumer groups (children, pregnant women, athletes)
- 16.00 – 16.15 Jerzy Jambor: Production of herbal extracts – directions in the development
- 16.15 – 16.30 Łukasz Sroczyński: Herbal Market in Poland
- 16.30 – 16.45 Greta Krzyżek-Malska: Marketing trends in medicinal plant products
- 16.45 – 17.00 Discussion
- 17.00 – 17.15 Break
- 17.15 – 17.30 Anna Michalak: Trends on herbal products market

- 17.30 – 17.45 Małgorzata Strzelczyk: Phytochemistry and therapeutic effects of milk thistle fruits (*Silybum marianum* L.) on the example of Polish cultivar Silma
- 17.45 – 18.00 Barbara Nytko: Raw plant materials and mental disorders. *Lavendula officinalis* – potential uses for depression and anxiety?
- 18.00 – 18.15 Discussion
- 18.15 – 19.00 Break
- 19.00 – 20.30 Dinner in the Kolegium Rungego, 52 Wojska Polskiego Street
- 20.30 – 21.30 Concert by Sara Czureja-Łakatosz's band

### **3<sup>rd</sup> June 2022 (Friday)**

- 09.00 – 09.15 Opening of the second day of the conference

#### **09.00 – 13.00 Session 3 - session of the Polish Herbal Committee scientific section**

##### **Development of herbal practice and medicine**

session led by: Marcin Ożarowski and Kazimierz Głowniak

- 09.15 – 09.30 Barbara Steinhoff: Medicinal Plants in the European Pharmacopoeia: Current developments” – online lecture
- 09.30 – 09.45 Renata Ochocka: Application of plant raw materials and secondary metabolites in skin care and diseases
- 09.45 – 10.00 Justyna Gornowicz-Porowska: New possibilities for the use of phytotherapy for skin diseases
- 10.00 – 10.15 Elżbieta Hołderna-Kędzia: Study of the antimicrobial activity of ethanolic propolis extracts
- 10.15 – 10.30 Małgorzata Zimniewska: Herbal extracts as the added value of functional textiles
- 10.30 – 10.45 Radosław Ekiert: Adaptogenic herbs
- 10.45 – 11.00 Discussion
- 11.00 – 11.15 Break
- 11.15 – 11.30 Judyta Cielecka-Piontek: From raw plant materials to medicinal products – research studies conducted in the Department and Faculty of Pharmacognosy of the Poznań University of Medical Sciences
- 11.30 – 11.45 Mariola Dreger: Micropropagation of fibre hemp to obtain plants for the isolation of cannabinoids
- 11.45 – 12.00 Krzysztof Krawczyk: Identification and characterization of *Pseudomonas syringae* pv. *mori*, infecting the white mulberry (*Morus alba*) in Poland

12.00 – 12.15 Karolina Zajączek: Marigold (*Tagetes patula* L.), dyer's broom (*Genista tinctoria*) and weld (*Reseda luteola* L.) as a source of natural dyes and health-promoting properties

12.15 – 12.30 Kamil Pawłowicz: The new face of *Aloe arborescens*

12.30 – 12.45 Discussion

13.00 – 14.00 Lunch break

15.00 – 17.00 Visit to Curtis Health Caps S.A.

Media partners: Czasopismo Aptekarskie, Postępy Fitoterapii, Herba Polonica

Scientific Committee: Jadwiga Andrzejewska, Rafał Chmielecki, Judyta Cielecka-Piontek, Bogusław Czerny, Wojciech Dymowski, Justyna Gornowicz-Porowska, Kazimierz Głowniak, Jerzy Jambor, Wolfram Junghanns, Marcin Kołakowski, Anna Kowalczyk, Małgorzata Łochyńska, Anita Magowska, Irena Matławska, Przemysław Ł. Mikołajczak, Renata Ochocka, Andrzej Ostrowicz, Marcin Ożarowski, Hartwig Sievers, Rafał Spachacz, Barbara Steinhoff, Dariusz Szabela, Małgorzata Sznitowska, Jerzy Woy-Wojciechowski (president), Małgorzata Zimniewska

Organising Committee: Rafał Chmielecki (president), Anna Jakubowska, Jerzy Jambor, Elżbieta Hołderna-Kędzia, Magdalena Krzyżaniak, Krzysztof Nowak, Małgorzata Górską-Paukšta, Milena Szalata, Ewelina Szczęsna-Glinka, Barbara Zygmunt

General Board Office of the Polish Herbal Committee

71b Wojska Polskiego Street, 60-630 Poznań

Phone numbers: +48 61 84 55 800; 865 +48 605 952 964

E-mail: pkz@iwnirz.pl, malgorzata.gorska-pauksta@iwnirz.pl