



INTERNATIONAL FEDERATION OF THE SOCIETIES OF COSMETIC CHEMISTS
ROMANIAN SOCIETY OF COSMETIC CHEMISTS
"CRISTOFOR SIMIONESCU" FACULTY OF CHEMICAL ENGINEERING
AND ENVIRONMENTAL PROTECTION
"GHEORGHE ASACHI" TECHNICAL UNIVERSITY OF IAȘI

**15th INTERNATIONAL SYMPOSIUM OF
COSMETIC AND FLAVOR PRODUCTS
"COSMETOLOGY – TRADITION, INOVATION, SUSTENABILITY"**

IAȘI, MAY 23rd – 24th 2024

PROGRAM



The **15-th Romanian International Symposium on Cosmetic and Flavour Products** “COSMETOLOGY – TRADITION – INNOVATION - SUSTENABILITY” is organized between May 23rd and May 24th 2024 in **Iasi**, Romania, by the **Romanian Society of Cosmetic Chemists** (RSCC) and the **Faculty of Chemical Engineering “Cristofor Simionescu” of Technical University “Gheorghe Asachi” Iasi**.

The Symposium is devoted to the entire area of cosmetics, toiletries, flavours and household chemicals, covering the science, research, development and industrial practice as well as marketing and legislation and also the sustainability, being aimed to be a substantial contribution to finding efficient forms of mutually advantageous co-operation between persons and companies with private or state capital from Romania and abroad.

SYMPOSIUM COMMITTEES

HONOUR COMMITTEE

Dan Cașcaval – Rector of the “Gheorghe Asachi” Technical University of Iasi

Irina Volf – Vice-Dean of the Faculty of Chemical Engineering and Environmental Protection “Cristofor Simionescu” Iasi

Yiannis Kapetanstratakis – CEO Quality Assurance & Control Systems, Metamorfozi, Grecia

Elena Alina Nanu – General Manager of S.C. AXISINTEGRATOR Bucharest, Vice-president of RSCC

Marta de Oliveira Ferreira – CEO INOVAPOTEK Porto, Portugalia

Krastanka Marinova – Faculty of Chemistry and Pharmacy, University of Sofia, Bulgaria

Adriana Ciurbă – University of Medicine, Pharmacy, Science and Technology, Târgu Mureș

Mihaela Răbu – RUCODEM Bucharest

Anca Daniela Raiciu – Marketing Manager S.C. HOFIGAL EXPORT-IMPORT S.A. Bucharest

Iulian Pasăre, General Manager S.C. CHEMTECH SRL, Bucharest

SCIENTIFIC COMMITTEE

Prof.dr. Anca Dragomirescu, ”Victor Babeș” University of Medicine and Pharmacy of Timișoara

Assist.Prof.dr.Gabriela Tataringa, “Gr.T.Popa” University of Medicine and Pharmacy of Iasi

Prof.dr.Mirela Moldovan, ”Iuliu Hațieganu” University of Medicine and Pharmacy of Cluj

Adriana Ciurbă – University of Medicine, Pharmacy, Science and Technology, Târgu Mureș

Assist.Prof.dr. Corina Cernătescu, Faculty of Chemical Engineering and Environmental Protection “Cristofor Simionescu” Iasi

Dr. Diana Ciolacu, ”P.Poni” Institute of Macromolecular Chemistry of Iasi

ORGANIZING COMMITTEE CHAIRMAN:

Prof. Dr. Maria Lungu, President of Romanian Society of Cosmetic Chemists

MEMBERS:

Assist. Prof. Habil. Dr. Carmen Zaharia, “Gheorghe Asachi” Technical University of Iasi

Assist. Prof. Dr. Anca Mocanu, “Gheorghe Asachi” Technical University of Iasi

Assist. Prof. Habil. Dr. Laura Bulgariu, “Gheorghe Asachi” Technical University of Iasi

Assist. Prof. Dr. Corina Cernatescu, “Gheorghe Asachi” Technical University of Iasi

Assist. Prof. Dr. Claudia Cobzaru, “Gheorghe Asachi” Technical University of Iasi

Lector dr. Elena Niculina Dragoi - “Gheorghe Asachi” Technical University of Iasi

SECRETARIAT:

Assist. Prof. Dr. Anca Mocanu, “Gheorghe Asachi” Technical University of Iasi

Lector dr. Maricel Danu, “Gheorghe Asachi” Technical University of Iasi

GENERAL

INFORMATIONS

TOPICS

1. Natural and synthetic Ingredients for cosmetic and flavor products.
2. Formulation. Progresses and perspectives. Sustainability
3. Pharmaceuticals and cosmeceutical. Dermatocosmetics
4. Biomaterials and biotechnologies.
5. Product evaluation and safety testing. Microbiology and toxicology
6. Legislation

Quality Assurance & Control Systems Lab

Axis Integrator

Pharmacists Association of Romania



SYMPOSIUM PROGRAM

Thursday, May 23 rd	
8.30 – 13.00	Opening Ceremony Scientific Session: Conferences, Lectures, Romanian cosmetic company and products presentation
16.00 – 19.00	Scientific Session: Conferences, Lectures, Posters, Romanian cosmetic company and products presentation
Friday, May 24 th	
9.00 – 13.00	Scientific Session: Conferences, Lectures, Posters, Romanian cosmetic company and products presentation
15.00– 19.00	Scientific Session: Conferences, Lectures, Romanian cosmetic company and posters presentation

ADDRESSES AND CONTACTS

Romanian Society of Cosmetic Chemists

Blvd.D.Mangeron No.71 A, IASI 700050

ROMANIA

Tel. + 40 721 059 014; Fax,. +40 232 271 311

Email: srcc.cosmetology@yahoo.com

Facebook: Societatea Romana a Chimistilor Cosmetologi

Internet: www.srcc.tuiasi.ro

Prof.dr.ing. **Maria Lungu**, Preşedinte SRCC

(tel. 0721059014; email: srcc.cosmetology@yahoo.com)

Conf.dr.ing. **Anca Mocanu**, Vicepreşedinte SRCC

(tel. 0723057579; email: ancamocanu@tuiasi.ro)

Prof.dr.ing. **Laura Bulgariu**, Secretar executiv SRCC

(tel.0744592735; email: lbulg@tuiasi.ro

S C I E N T I F I C P R O G R A M

THURSDAY, MAY 23rd 2024

9.00 – 9.30

*Opening session of the 15th edition of the International Symposium on
Cosmetic and Flavor Products*

9.30 – 11.0

Conferences:

1. *Power of Influencers*

Alina Nanu

AXISINTEGRATOR SRL Bucharest, Romania

2. *10 Things You Should Know Before Beginning a Clinical Trial*

Alina Nanu

AXISINTEGRATOR SRL Bucharest, Romania

11.00 – 12.00

Conference:

Analytical Requirements of Cosmetics

Yiannis Kapetanstratakis

Quality Assurance & Control Systems Laboratories, Greece

12.00 – 13.00

Oral presentations:

**1. *The Challenges of Incorporating Essential Oils into Cosmetic Products: from
Biological Effects to Practical Applications***

Claudia Bulai (Maxim)

“Gheorghe Asachi” Technical University of Iasi, Romania

2. Nanoparticles Used in Cosmetic Products – Manufacture Methods, Characterization and Applications

Monica Cretan Stamate, Alexandra Bujor, Mousa Sha'at, Lacramioara Ochiuz
“Grigore T. Popa” University of Medicine and Pharmacy Iasi, Romania

3. Preliminary Study of the Effects of a Peptide-based Cosmetic Formulation and a Whitening Agent for the Treatment of Pigment Spots

**Alexandra Croitoriu¹, Lucian Hritcu², Răzvan S. Boianiu², Diana E. Ciolacu¹,
Loredana E. Nita¹**

¹ “Petru Poni” Institute of Macromolecular Chemistry, Iasi

² “Alexandru Ioan Cuza” University, Iasi

15.00 – 16.00

Oral presentations:

1. Cosmetic Presevatives in the BIO Era

Daniela Haidu, Manuela Crisan, Angela Counii
„Coriolan Dragulescu” Chemical Institute Timisoara

2. Deodorant: New Demands on Old Problems

Daniela Haidu, Manuela Crisan, Angela Counii
„Coriolan Dragulescu” Chemical Institute Timisoara

16.00 – 17.00

Conference:

“Strand by Strand: A Comprehensive Guide to Hair Care Testing Techniques”

Marta de Oliveira Ferreira
INOVAPOTEK, Porto, Portugal

Presentation of the cosmetic products and companies:

- **VIRAGO BEAUTY – Romanian Cosmetic Products with Minerals Fermented in Beer Yeast**

Adela Elena Manea
S.C. Virago Beauty SRL, Făget, Timiș, Romania

Posters presentation: POSTERS No. 1 to 11

FRIDAY, MAY 24th 2024

9.00 – 13.00

Conferences:

1. *Care for Nature and its Diversity – Driving Force for Innovations in Cosmetic Products by the Young Formulators*

Krastanka Marinova

Dept.Chemical & Pharmaceutical Engineering, Faculty of Chemistry and Pharmacy
Sofia University, Bulgaria

2. *Initiatives in the Area of Cosmetics Industry: - Commit for Our Planet; - COSMILE Europe*

Mihaela Rabu

RUCODEM – Romanian Union for Cosmetics and Detergents Manufacturers

3. *Physiological Adjustments at the Skin Cellular Level, which Inspired the Production of Peptide-type Cosmetic Actives*

Anca Dragomirescu

„Victor Babes” University of Medicine and Pharmacy Timisoara

4. *Sustainability, a New Value Promoted by the Industry*

Elena-Claudia Creliuc^{1,2}, Amalia Telișcă¹

¹Department of Research and Development, ANTIBIOTICE S.A., Iași, Romania

²Faculty of Chemical Engineering and Environmental Protection, Gheorghe Asachi
Technical University of Iași, Romania

Oral presentations:

1. *Applications of Texture Analysis in the Development of Innovative Cosmetic Formulations*

Cătălina Bogdan, Diana Antonia Drîmbărean, Mirela Liliana Moldovan

Department of Dermopharmacy and Cosmetics, Faculty of Pharmacy,
“Iuliu Hațieganu” University of Medicine and Pharmacy, Cluj-Napoca, Romania

2. *Applications of Artificial Intelligence in the Cosmetic Field*

Mirela L. Moldovan, Cătălina Bogdan

Faculty of Pharmacy, „Iuliu Hațieganu” University of Medicine and Pharmacy from Cluj-
Napoca, Romania

3. Optimization of Polymeric Films Containing Herbal Extracts for Wound Care

Diana Antonia Drîmbărean, Cătălina Bogdan, Mirela L. Moldovan

Faculty of Pharmacy, "Iuliu Hațieganu" University of Medicine and Pharmacy Cluj-Napoca, Romania

4. Licorice Root Extracts with Potential Cosmetic Applications

Bujor Alexandra¹, Cobzaru Claudia², Miron Anca¹, Gafițanu Carmen Anatolia¹, Stamate (Crețan) Monica Iliuța¹, Mousa Sha'at¹, Lăcrămioara Ochiuz¹

¹Faculty of Pharmacy, "Grigore T. Popa" University of Medicine and Pharmacy, Iași, Romania

²"Cristofor Simionescu" Faculty of Chemical Engineering and Environmental Protection, "Gheorghe Asachi" Technical University of Iasi, Romania

Presentation of the cosmetic products and companies:

Products of the S.C. Cosmeceutica Laboratories

Andrea Badale

S.C. Cosmeceutica Laboratories SRL Oradea

15.00 – 19.00

Poster presentation: POSTERS No. 12 to 23

POSTERS

1. New Uses for Waste Cooking Oil

Paula Olaru (Simionescu căs. Rusu)¹, Alina-Mirela Ipate², Maricel Danu¹, Constanța Ibănescu¹, Corina Cernătescu¹, Gabriela Lisa¹

¹"Gheorghe Asachi" Technical University, Iași, Romania

²"Petru Poni" Institute of Macromolecular Chemistry, Iasi, Romania

2. Design and Development of Ointment-type Pharmaceutical Products Using Rheological Properties and Design Expert Software

G. Severin¹, D. Litra¹, C.V. Andrițoiu^{2,3}, M. Danu^{1,4}, C. Ibănescu¹

¹"Gheorghe Asachi" Technical University of Iasi, Romania

²Apitherapy Medical Center, Bălănești, Gorj, Romania

³Faculty of Pharmacy, "Vasile Goldis" Western University of Arad, Romania

⁴"Petru Poni" Institute of Macromolecular Chemistry Iasi, Romania

3. *Chestnuts, Sustainable, Ecological and Natural Alternative to Conventional Detergents*

Gabriela Andrei¹, Mihaela Băsu², Lăcrămioara Rusu³

¹Children Palace Iași, ²”Vasile Alecsandri” National College Iași, ³”Petru Poni”
Technological High School Iași, Romania

4. *High Value Dermatocosmetic Products Based on Acmella Oleracea Propanediol Extracts*

Claudia Maxim, Ana Simona Barna, Daniela Suteu

”Gheorghe Asachi” Technical University of Iasi, Romania

5. *Sustainable Methods of Obtaining Vegetal Extracts from Romanian Native Spontaneous Flora Species – Galium verum, as Active Ingredient Source with Antioxidant Properties*

¹Delia Turcov, ²Claudia Maxim, ²Ana Simona Barna, ²Daniela Șuteu

¹”Gr.T.Popa” University of Medicine and Pharmacy of Iasi, Romania

²”Gheorghe Asachi” Technical University of Iasi, Romania

6. *Bioactive Compounds from Geranium Flowers and Leaves and Their Applications in Cosmetics*

Maria-Bianca Aiordăchioaie, Corina Cernătescu

”Gheorghe Asachi” Technical University of Iasi, Romania

7. *Thyme Extracts with Potential Applications in Cosmetics*

Bianca Georgiana Crup, Claudia Cobzaru

”Gheorghe Asachi” Technical University of Iasi, Romania

8. *Paragin Extracts with Potential Applications in Cosmetics*

Anda Elena Chelaru, Claudia Cobzaru

”Gheorghe Asachi” Technical University of Iasi, Romania

9. *Possibilities of Extracting Alginate from Brown Algae Biomass in Acidic and Basic Environments with Applications in the Cosmetic Industry*

Anca-Mihaela Mocanu¹, Doina Cazan², Gabriela Nacu³, Laura Bulgariu¹

¹”Gheorghe Asachi” Technical University of Iasi, Romania

²”Petru Poni” Technological High School of Iasi, Romania

³”Dimitrie Leonida” Technological High School of Iasi, Romania

10. *Evaluation of Antiallergic Effects and Toxicity of Some Dermatocosmetic Products*

Mihaela Șalariu, Gabriela Nacu, Anca Mihaela Mocanu

”Gheorghe Asachi” Technical University of Iasi, Romania

- 11. *Beauty Chemistry - Shampoo Formulations***
Mihaela Agudaru, Agnes Denes, Diana Felicia Loghin, Anca Mihaela Mocanu
"Gheorghe Asachi" Technical University of Iasi, Romania
- 12. *Studies on the Formulation and Evaluation of Some Experimental Photoprotective Preparations***
Dan Mihaela Afrodita, Hîrjău Mircea, Ozon Emma Adriana, Nicoară Anca Cecilia
"Carol Davila" University of Medicine and Pharmacy of Bucharest, Romania
- 13. *Project „Academic Entrepreneurship Roadmap” (AcEntRoad) (Program Erasmus) as an Oportunity for Students in Entrepreneurial Training in Cosmetic and Pharmaceutical Industry***
Margareta Gabriela Ciobanu, Anca Mihaela Mocanu, Sofronia Bouariu
"Gheorghe Asachi" Technical University of Iasi, Romania
- 14. *Odoriferous Substances, Beyond Usefulness***
Gabriela Tataringa, Maria Branza, Ana-Maria Zbancioc
"Grigore T.Popa" University of Medicine and Pharmacy of Iasi, Romania
- 15. *Innovations in Sunscreen Products Formulation: from UV Protection to DNA Repair***
Bujor Alexandra, Munteanu Delia-Gabriela, Mousa Sha’at, Acasandrei Delia-Renata, Stamate (Crețan) Monica Iliuța, Gafițanu Carmen Anatolia, Lăcrămioara Ochiuz
"Grigore T. Popa" University of Medicine and Pharmacy, Iași, Romania
- 16. *Evolution of Injectable Procedures for Facial Rejuvenation: from Past to Present***
Mousa Sha’at, Acasandrei Delia-Renata, Bujor Alexandra, Munteanu Delia-Gabriela, Stamate (Crețan) Monica Iliuța, Gafițanu Carmen Anatolia, Lăcrămioara Ochiuz
"Grigore T. Popa" University of Medicine and Pharmacy, Iași, Romania
- 17. *Exploring the Therapeutic and Cosmetic Potential of Menthol***
Iunia Mărian (căș. Aruștei), Anca Mihaela Mocanu
"Gheorghe Asachi" Technical University of Iasi, Romania
- 18. *Research on Vitamin D Formulation in Topical Products***
Andreea Hărmănescu, Gorea Claudiu, Agnes Denes, Diana Felicia Loghin, Anca Mihaela Mocanu

“Gheorghe Asachi” Technical University of Iasi, Romania

19. *Natural Anti-Acne Ointments*

Alexandru Boloca, Gorea Claudiu, Agnes Denes, Gabriela Nacu, Anca Mihaela Mocanu

“Gheorghe Asachi” Technical University of Iasi, Romania

20. *Formulation of Dermatocosmetic Gels*

Sergiu Hacina, Diana Felicia Loghin, Anca Mihaela Mocanu

“Gheorghe Asachi” Technical University of Iasi, Romania

21. *Cyclodextrins as Encapsulation Agents in Dermatological and Cosmetic Formulations*

Ema-Teodora Nițu, Daniela-Ioana Mitrofan-Bandol, Luciana Buliga, Alex-Robert Jijie, Laura Sbârcea

“Victor Babes” University of Medicine and Pharmacy, Timisoara, Romania

22. *Quercetin in cosmetics. Formulation strategies and improvement of physico-chemical and biopharmaceutical characteristics*

Daniela-Ioana Mitrofan-Bandol, Ema-Teodora Nitu, Luciana Buliga, Alex-Robert Jijie, Laura Sbarcea

“Victor Babeș” University of Medicine and Pharmacy, Timișoara, Romania

23. *Desorption of Rifampicin*

Elena Fasniuc-Pereu, Laura Bulgariu

“Gheorghe Asachi” Technical University of Iasi, Romania

24. *Applications of Aronia Melanocarpa Extracts in Cosmetic Products*

Adriana-Rodica Doniga (Luca)

“Gheorghe Asachi” Technical University of Iasi, Romania

25. *“Biomaterials Based on Azopolymers with Potential Applications in skin regeneration”*

Cristina-Maria Herghiligi, Nicolae Hurduc

“Gheorghe Asachi” Technical University of Iasi, Romania