



BIP - Blended Intensive Programme

Autumn School of cosmetology and cosmetic formulation

15th October - 8th November

Program:

- on-line and on-site lectures
- practical workshops
- new technologies
- innovative cosmetic formulations
- optimization of cosmetic mixtures

10 ECTS



**Maria Curie Skłodowska University
in Lublin**
Pl. M. Curie-Skłodowskiej 5
20-031 Lublin, Poland

**Registration deadline:
10th October 2024**

Sign up:
https://irk.umcs.pl/pl/home/BIP_chemistry_24/



**Faculty of
Chemistry**

Partners:
University of Vigo, Spain E VIGO01
University of Orléans, France F ORLEANS01



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School plan

Online activity

17 October 10:00-12:00

Prof. Annina Salonen, Paris-Saclay University, CNRS, Solid State Physics Laboratory, Orsay, France

Lecture Topic: Formulating foams for cosmetics

22 October 09:00-10:00

Prof. Karsten Koenig, Department of Biophotonics and Laser Technologies at the Saarland University, Germany

Lecture Topic: High-resolution Imaging of in vivo Skin

24 October 10:00-12:00

Dr. Milind Kalekar, Galaxy Surfactants Ltd. Navi Mumbai, India

Lecture Topic: Surfactant Properties and Applications : Mild surfactant systems

25 October 10:00-12:00

Prof. Lhoussaine El Rhaffari, Faculty of Sciences of Meknes, University Moumay Ismail, Morocco

Lecture Topic: Using traditional savoir faire to innovate cosmetic formulations

Lectures and practical classes at the Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Poland

04 November

08:00 – 12:00

Prof. Stéphane Bostyn, University of Orleans, Orleans, France

Lecture Topic: Experimental design ,problem of mixing in mixtures and/or optimisation methods using experimental designs

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Practical Classes

Group 1

Prof. Stéphane Bostyn, University of Orleans, Orleans, France, Local organizer: dr hab. Marta Worzakowska Department of Polymer Chemistry, Institute of Chemical Sciences, Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin and dr hab. Konrad Terpiłowski prof. UMCS Department of Interfacial Phenomena, Maria Curie-Skłodowska University, Lublin

Practical work on formulating lipsticks

Location: (15:00- 18:00) Department of Polymer Chemistry, Gliniana st. 33/56 Lublin

Group 2

Prof. Carlos Bravo-Díaz Department of Chemistry-Physics, Faculty of Chemistry, University of Vigo, Spain Local organizer: dr Andrzej Sienkiewicz Department of Physical Chemistry, Institute of Chemical Sciences, Faculty of Chemistry, Maria Curie-Skłodowska

Investigating emulsion nature and preparation of micellar water

Location: (15:00- 18:00) Department of Physical Chemistry, Maria Curie Skłodowska sq. 3. Lublin

05 November

Practical Classes

Group 1

Prof. Carlos Bravo-Díaz Department of Chemistry-Physics, Faculty of Chemistry, University of Vigo, Spain Local organizer: dr Andrzej Sienkiewicz Department of Physical Chemistry, Institute of Chemical Sciences, Faculty of Chemistry, Maria Curie-Skłodowska

Investigating emulsion nature and preparation of micellar water

Location: (08:00- 11:00) Department of Physical Chemistry, Maria Curie Skłodowska sq. 3. Lublin

Group 2

Prof. Stéphane Bostyn, Milind Kalekar, University of Orleans, Orleans, France, Local organizer: dr hab. Marta Worzakowska Department of Polymer Chemistry, Institute of Chemical Sciences, Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin and dr hab. Konrad Terpiłowski prof. UMCS Department of Interfacial Phenomena, Maria Curie-Skłodowska University, Lublin

Practical work on formulating lipsticks

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Location: (08:00- 11:00) Department of Polymer Chemistry, Gliniana st. 33/56 Lublin

Dr hab. Aleksandra Szczeń prof. UMCS Department of Interfacial Phenomena, Maria Curie-Skłodowska University, Lublin, Poland

Lecture Topic: Skin structure and basic cosmetic formulations

Location: (15:00- 16:00) Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Maria Curie Skłodowska sq. 3. Lublin room 546

06 November

09:00 – 10:00

Prof. Emilie Munnier, Department “NanoMedicines and NanoProbes”, University of Tours Tours, France

Lecture Topic: Encapsulation

lecture on-line Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Maria Curie Skłodowska sq. 3. Lublin room 546

Cultural event

11:00 – 13:00 Trip to Lublin Old Town

13:00 – 15:00 Integration Lunch

07 November

11:00 – 12:30

Prof. Carlos Bravo-Díaz, Department of Chemistry-Physics, Faculty of Chemistry, University of Vigo, Spain

Lecture Topic: Emulsion formation and stability

lecture Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Maria Curie Skłodowska sq. 3. Lublin room 546

Practical Classes

Group 1

Dr. Magdalena Kowalska-Mizerska, Department of Virology and Immunology, Institute of Biological Sciences, Maria Curie-Skłodowska University, Akademicka 19 Street, 20-033 Lublin, Poland

The in vitro assessment of safety and toxicity of cosmetic components

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**Location: (14:00- 15:30) Department of Virology and Immunology,
Akademicka st. 19 Lublin**

Group 2

dr. hab. Małgorzata Krawczyk and Katarzyna Wojdat, Department of Interfacial Phenomena, Maria Curie-Skłodowska University, Lublin

Wettability of different solids and its modification

Location: (14:00- 15:30) Department of Physical Chemistry, Maria Curie Skłodowska sq. 3. Lublin

08 November

08:00 – 11:00

Prof. Christophe F. Hano, Institute of Organic and Analytical Chemistry, University of Orleans, Orleans, France

Lecture Topic: Plant sourcing and green extraction using NaDES

lecture Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Maria Curie Skłodowska sq. 3. Lublin room 546

Practical Classes

Group 1

dr. hab. Małgorzata Krawczyk and Katarzyna Wojdat, Department of Interfacial Phenomena, Maria Curie-Skłodowska University, Lublin

Wettability of different solids and its modification

Location: (14:00- 15:30) Department of Physical Chemistry, Maria Curie Skłodowska sq. 3. Lublin

Group 2

Dr. Magdalena Kowalska-Mizerska, Department of Virology and Immunology, Institute of Biological Sciences, Maria Curie-Skłodowska University, Akademicka 19 Street, 20-033 Lublin, Poland

The in vitro assessment of safety and toxicity of cosmetic components

**Location: (14:00- 15:30) Department of Virology and Immunology,
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Closing Remarks

Location: (16:00- 17:00) Faculty of Chemistry, Maria Curie-Skłodowska University in Lublin, Maria Curie Skłodowska sq. 3. Lublin room 546

Organizers:

Dr hab. Konrad Terpiłowski prof. UMCS - Maria Curie-Skłodowska University in Lublin

Dr Alexia Soussen Operational Director of the Cosmetosciences program, University of Orleans

Prof. Carlos Bravo-Díaz Department of Chemistry-Physics, Faculty of Chemistry, University of Vigo, Spain

Acknowledgements:

Prof. Dr. Hab. Dorota Kołodyńska Vice-Rector for Students and Quality of Education for all the help provided during the organization of the course.

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