



Agenda

DISCOVER ROMANIA

Balneology – Potential and Benefits for Human Health in a European Context

CONFERENCE

Auditorium / JRC-Ispra

11th of April 2019

08:30-17:30

**The European Commission's
science and knowledge service**

Joint Research Centre



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The logo of the Joint Research Centre, featuring a stylized atom symbol with a central yellow nucleus and three blue orbits. Below the logo is a blue rectangular box containing the text "Joint Research Centre" in white.

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(08:30-09:00) **Arrival at the Joint Research Centre / Registration / Welcome**

Moderator of the conference – Désirée Marinescu, PhD – Directorate R – Resources, Joint Research Centre, Ispra Site, European Commission, Member of the Romanian Semester Organizing Committee at the JRC-Ispra

(09:00-09:30) **Presentation of the Joint Research Centre – Elke Anklam** – Director of Directorate F – Health, Consumers and Reference Materials, Joint Research Centre, Ispra Site, European Commission

(09:30-10:30) **Session 1 – Excellent research, trends, development and networking for Balneology in a European Context**

09:35-10:00 ***THERMAE 4.0 - New Algorithms for health care, sustainable development and tourism* – Prof Dr Umberto Solimene (Italy)** – Director of the World Health Organization (WHO) Collaborative Center for Traditional, Complementary & Integrative Medicine, State University of Milan, President of the Worldwide Federation of Hydrotherapy and Climatotherapy (FEMTEC)

10:05-10:30 ***Medical Hydrology Research on the AQUANET Project* – Prof Dr Pedro Cantista (Portugal)** – President of the International Society of Medical Hydrology (ISMH), President of the Portuguese Society of Medical Hydrology

(10:30-11:00) Coffee break

(11:00-12:15) **Session 2 – International perspectives of collaboration between different European facilities and platforms for balneology development**

11:05-11:25 ***Prevention of chronic non-communicable diseases* – Dr Ciarán Nicholl** – Head of the Health in Society Unit at the Health, Consumers and Reference Materials Directorate, Joint Research Centre, Ispra Site, European Commission

11:30-11:50 ***Place of European clinical research for the recognition of the therapeutic utility of balneotherapy: yesterday, today and tomorrow* – Dr Alain Françon (France)** – President of the French Society of Thermal Medicine and Hydrology, Secretary General of the International Society of Medical Hydrology and Climatology (ISMH)

11:55-12:15 ***The role of a European laboratories network on the topic of basic research on balneology* – Prof Dr Antonella Fioravanti (Italy)** – Vice President and Leader of the Scientific Committee of the International Society of Medical Hydrology (ISMH), **Dr Sara Chelleschi (Italy)** – Biologist and PhD, Rheumatology Unit; Department of Medicine, Surgery and Neuroscience, Azienda Ospedaliera Universitaria Senese, Policlinico Le Scotte, Siena, Italy

(12:15-13:30) Lunch Break

(13:30-14:30) **Session 3 – International research aspects of natural therapies in different countries**

13:30-13:50 ***The use of carbon dioxide in health resort treatment in Poland - a review of research and own experience*** – **Dr Jacek Chojnowski (Poland)** – President of the Polish Society of Medical Physiology and Balneology, Physician at the Clinic of Balneology and Metabolic Diseases, Medical University of Bydgoszcz

13:50-14:10 ***Topical mechanisms of action of sulphurous and saline mineromedicinal waters*** – **Prof Dr Jose Manuel Carbajo (Spain)** – Universidad Complutense de Madrid, Medical Hydrology, UCM-911757 Investigation Group

14:10-14:30 ***The balneological research experiences in Estonia by the example of the Centre of Excellence in Health Promotion and Rehabilitation (TERE KK) and the future research possibilities in this field*** – **The balneological research experiences of TERE KK – Monika Übner (PhD)** – Mud Products Development Laboratory Expert-Specialist, Centre of Excellence in Health Promotion and Rehabilitation (TERE KK), Pärnu College of the University of Tartu; **The future research possibilities – Margus Metshein (PhD)** – Researcher, Estonian Centre of Excellence in ICT Research (EXCITE), Impedance WorkGroup at Tallinn University of Technology (TalTech)

(14:30-15:50) **Session 4 – Balneology in Romania – European connections, trends and state of development**

14:30-14:50 ***Discover Romania – Balneotherapy in Romania*** – **Dr Biol Constantin Munteanu (Romania)** – President and Editor-in-Chief of the Romanian Association of Balneology, Senior Scientist at the Emergency Clinical Hospital "Bagdasar Arseni", Bucharest

14:50-15:10 ***How to make old and traditional balneology a subject of fourth industrial revolution*** – **Dr Traian Virgiliu Surdu, MD, PhD (Romania)** – Lecturer at Faculty of Medicine, Ovidius University of Constanta, Specialist Physician in Physical and Rehabilitation Medicine and Balneology at the Balneal and Rehabilitation Sanatorium of Techirghiol, Romania

15:10-15:30 ***Research clusters, prevention and health facilities in Balneological centers of Transylvania*** – **Dr Gabriela Dogaru (Romania)** – Team Leader at "Iuliu Hatieganu" University of Medicine and Pharmacy Cluj-Napoca, Romania, Clinical Rehabilitation Hospital Cluj-Napoca, Vice President of the Romanian Association of Balneology

15:30-15:50 ***Mud and hydrotherapy treatment, rehabilitative equipment, research experiences, and prospective projects in Baile Felix*** – **Conf Univ Dr Simona Pop (Romania)** – University of Oradea, Head of Department at the Hospital for Medical Rehabilitation "Baile Felix"

(15:50-16:15) Coffee break

(16:15-17:15) **JRC Visitors' Centre – Interactive Tour through exhibits which explain many areas of JRC research**

(17:15-17:30) **Wrap-up session**

Dan Claudiu Chirondojan – Director of Directorate E – Space, Security and Migration, Joint Research Centre, Ispra Site, European Commission, President of Romanian Semester Organizing Committee at the JRC-Ispra

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