



UNIVERSITÀ
DEGLI STUDI
FIRENZE

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HEALTHY HERBS

Plants for the Respiratory Tract and
Phytotherapy as a Strategy against
Antimicrobial Resistances

Spring School -April 5th - 9th, 2022



April 5th, 2022*From the tradition to modern clinical approaches*

09.00 am – 09.30 am REGISTRATION

09.30 am – 09.40 am Welcome address

Prof. Dr. Anna Rita Bilia, Prof. Dr. Christine Schauhuber

09.40 am – 10.40 am Old and new prescriptions for respiratory tract infections - a multidisciplinary overview

PhDr.Dr. Christine Schauhuber, Center for Traditional Chinese Medicine and Complementary Medicine, Donau-Universität, Krems

10.40 am – 11.00 am BREAK

11.00am – noon Phytotherapy for Infectious Diseases -an Introduction.

Dr. med. Rainer Stange, Abteilung Naturheilkunde Charité - Universitätsmedizin Berlin und Immanuel Krankenhaus Berlin, Berlin

12.00 – 01.00 pm Relevant secondary metabolites of plants used for the respiratory tract

Mag. Gudrun Englmaier, Center for Traditional Chinese Medicine and Complementary Medicine, Donau-Universität, Krems

01.00 pm – 02.00 pm LUNCH – BREAK

02.00 pm – 03.00 pm Quality management of medicinal plants for respiratory diseases

Dr. Oliver Vendl, Kottas, Germany

03.00 pm – 04.00 pm How to prescribe herbal remedies...and how to get health insurance coverage [in Austria]

Mag. pharm. Heinrich Justin Evanjin, Austria

04.00 pm – 04.30 pm BREAK

04.30 pm – 5.30 pm Health literacy and the public health perspective of phytotherapeutical knowledge

Mariella Seel, BA, MSc, Center for Traditional Chinese Medicine and Complementary Medicine, Donau-Universität, Krems

April 6th, 2022*Essential oils*

09.30 am – 10.30 am State of the Art for the role of Essential Oils in Respiratory System Therapy

Prof. Dr. Maria Do Ceu Costa NICiTeS – Núcleo de Investigação em Ciências e Tecnologias da Saúde, ERISA-Escola Superior de Saúde Ribeiro Sanches-CBIOS-Centro de Biociências/The Biosciences Research Center ECTS- School of Health Sciences and Technologies , Grupo Lusófona Lisboa - Portugal

10.30 am – 11.30 am Microencapsulation and nanoencapsulation of essential oils

Prof. Dr. Anna Rita Bilia, Department of Chemistry, University of Florence

11.30 am – 12.00 am BREAK

Noon – 01.00 pm Ecological roles of essential oil terpenes and their multiple applications

Dr . Marco Michelozzi, Dr. Eleonora Palagano (Institute of Biosciences and Bioresources); **Dr. Felicia Menicucci** (Institute of chemistry of organometallic compounds). Consiglio Nazionale delle Ricerche (National Research Council)- Area di Ricerca di Firenze (Florence Research Area) <http://www.fi.cnr.it/>

01.00 pm – 02.00 pm LUNCH – BREAK

02.00 pm – 04.00 pm Lab experience with essential oils

Dr . Marco Michelozzi, Dr. Eleonora Palagano (Institute of Biosciences and Bioresources); **Dr. Felicia Menicucci** (Institute of chemistry of organometallic compounds). Consiglio Nazionale delle Ricerche (National Research Council)- Area di Ricerca di Firenze (Florence Research Area) <http://www.fi.cnr.it/>

April 7th, 2022*Formulation approaches*

09.30 am – 10.30 am Herbal drugs, Herbal drug preparations, Herbal medicinal products: the evolution of formulations

Prof. Dr. Anna Rita Bilia, Department of Chemistry, University of Florence

10.30 am – 11.30 am Plant-based drug delivery systems in respiratory diseases.

Prof. Dr. Maria Camilla Bergonzi, Department of Chemistry, University of Florence

11.30 am – 12.00 am BREAK

12.00 am – 12.30 am Tincture/galenics: Echinacea, Ginseng and Astragalus

Mag. Verena Silberbauer, Austria

12.30 am - 01.00 pm Home remedies for common cold from a scientific point of view

Mag. Karoline Sindelar, Austria

01.00 pm – 02.00 pm LUNCH – BREAK

02.00 pm – 04.00 pm Lab experience of pharmaceutical technology: essential oils loaded in vesicles and microemulsions

Dr. Giulia Vanti, Department of Chemistry, University of Florence

April 8th, 2022***Monographs Session & Experiences from the Companies***

09.30 am – 10.30 am EMA monographs- Examples of Plants for Respiratory Disorders

Prof. Dr. Deszö Csupor, Department of Clinical Pharmacy Faculty of Pharmacy, University of Szeged, Szeged

10.30 am – 11.30 am ESCOP Monographs - Examples of Plants for Respiratory Disorders

Prof. Dr. Liselotte Krenn, Department of Pharmaceutical Sciences, Division of Pharmacognosy, University of Vienna, Vienna

11.30 am – 12.00 am BREAK

12.00 am - 01.00 pm Botanicals to support respiratory tract diseases: the case study of quercetin

Dr. Antonella Riva, Product Research Manager, Indena S.p.A

01.00 pm – 02.00 pm LUNCH – BREAK

02.00 pm – 02.30 pm Ginseng supplementation for respiratory infections: what evidence is there?

Dr. Michele Antonelli, Dipartimento di Sanità Pubblica, AUSL di Reggio Emilia, Reggio Emilia

02.30 pm – 3.30 pm Medical device made of natural substances (MDMNS) for the treatment of cough

Dr. A. Cossu, Head of Medical Affairs, Aboca S.p.A. Italy

03.30 pm – 05.00 pm Marshmallow and other herbs for cough and cold

Dr. Olaf Kelber, R&D Phytomedicines Bayer Phytomedicines Supply and Development Center, Darmstadt

April 9th, 2022

09.30 am – 10.30 am Medicinal plants of Russian Pharmacopoeia used for respiratory tract diseases

Prof. Dr. (Pharm. sci), PhD (Pharm) Alexander Shikov, Department of Pharmaceutical Formulations, St. Petersburg State Chemical Pharmaceutical University, St. Petersburg

10.30 am – 11.30 Covid-19 and Phytotherapy: Preventive, Therapeutic or None?

Dr. Rainer Stanges, Abteilung Naturheilkunde Charité - Universitätsmedizin Berlin und Immanuel Krankenhaus Berlin, Berlin

11.30 pm – 12.30 pm Final remarks & How to Do the Examination

Mariella Seel, BA, MSc, Center for Traditional Chinese Medicine and Complementary Medicine, Donau-Universität, Krems

**THE SCHOOL IS ONLY VIRTUAL, TWO (2)
CREDITS WILL BE RECOGNISED AFTER THE
FINAL EXAMINATION**

FEE is € 30 deadline is 30th March 2022

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Please note that payment leads to registration

Modifications of the program are possible

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