

September 15, 2020

15.00 - 15.30 Opening

Chairperson: Satyajit Sarker

15.30 – 16.15 PL1 **Franz Bucar** (“Karl Franzens” University of Graz)
FLAVONOIDS AS NOVEL EFFLUX PUMP INHIBITORS AND
ANTIMICROBIALS

SESSION “PHARMACOLOGY AND PHYTOTHERAPY”

16.15 – 17.00 PL2 **Ilkay Erdogan Orhan** (Gazi University of Ankara)
NATURAL PRODUCTS AS PROMISING STRUCTURAL
FRAMEWORKS FOR HUMAN DISEASES

September 18, 2020

SESSION “PHARMACOLOGY AND PHYTOTHERAPY”

Chairperson: Virginia Lanzotti

15.00 – 15.45 PL3 **Pinarosa Avato** (University “Aldo Moro” of Bari)
NATURAL PRODUCTS IN PHYTOMEDICINE: NEMATICIDES
FROM PLANTS

15.45 – 16.00 OC1 **Teresa Brás** (Centro de Biotecnologia Agrícola e Agro-
Alimentar do Alentejo)
CYNAROPICRIN FROM *CYNARA CARDUNCULUS* ANTI-
INFLAMMATORY POTENTIAL: CHITOSAN WOUND
DRESSING APPLICATION

16.00 – 16.15 OC2 **Swapna Upadhyay** (Institute of Environmental Medicine,
Karolinska Institutet)
ASSESSMENT OF PROTECTIVE EFFECT OF MAGNOLOL FOR
BIOMASS SMOKE EXPOSURE INDUCED LUNG INJURY
USING PHYSIOLOGICALLY RELEVANT NORMAL- AND
CHRONIC BRONCHITIS-LIKE BRONCHIAL MUCOSA
MODELS

16.15 – 16.30 OC3 **Alexandra Bujor** (“Grigore T. Popa” University of Medicine
and Pharmacy)
THE PLEIOTROPIC CARDIOVASCULAR EFFECTS OF

		<i>VIBURNUM OPULUS</i> FRUIT EXTRACT
16.30 – 16.45	OC4	Laura Bystrom (Bath Spa University) CRANBERRY A-TYPE PROANTHOCYANIDINS SELECTIVELY TARGET ACUTE MYELOID LEUKEMIA CELLS BY A POTENTIALLY NOVEL MECHANISM
16.45 – 17.00	OC5	Annalisa Chiavaroli (University “G. d’Annunzio” of Chieti- Pescara) MULTIPLE PHARMACOLOGICAL CHARACTERIZATION ON HEMP COMMERCIAL CULTIVARS: FOCUS ON INFLORESCENCE WATER EXTRACT

September 22, 2020

SESSION “PHYTOCHEMISTRY”

Chairperson: Pinarosa Avato

15.00 – 15.45	PL4	Christian Zidorn (“Christian Albrechts” University of Kiel) PLANT CHEMOPHENETICS: RECENT EXAMPLES FROM LAND AND SEA
15.45 – 16.15	KN1	Serena Fiorito (University “G. d’Annunzio” of Chieti- Pescara) BIOANALYTICAL APPROACH FOR RARE PHYTOCHEMICALS
16.15 – 16.30	OC6	Lina Raudone (Lithuanian University of Health Sciences) HPLC-ABTS PROFILING OF PHENOLICS AND FAST ACTING ANTIOXIDANTS IN <i>SOLIDAGO</i> L.
16.30 – 16.45	OC7	Daniela Rosa (Centro de Biotecnologia Agrícola e Agro- Alimentar do Alentejo) <i>CYNARA CARDUNCULUS</i> LEAVES EXTRACT FRACTIONATION - AN ENRICHED SOURCE OF ALLELOCHEMICALS
16.45 – 17.00	OC8	Simone Vlad Luca (Technical University of Munich) DESIGN OF LIQUID-LIQUID CHROMATOGRAPHIC PROCESSES TO ISOLATE PESTICIDE-FREE CANNABIDIOL FROM HEMP (<i>CANNABIS SATIVA</i> L.) EXTRACTS

September 25, 2020

SESSION “NUTRACEUTICALS”

Chairperson: *Ilkay Erdogan Orhan*

15.00 - 15.45	PL5	Azzurra Stefanucci (University “G. d’Annunzio” of Chieti-Pescara) <i>IN VIVO AND IN VITRO EVALUATION OF ANTIDIABETIC NUTRACEUTICAL POTENTIAL OF CAPPARIS SPINOSA</i>
15.45 – 16.15	KN2	Carmen Martín Cordero (University of Seville) <i>CAMARIÑA (COREMA ALBUM), A NEW WHITE BERRY FOR HEALTH</i>
16.15 – 16.30	OC9	Fabiana Labanca (University of Basilicata) <i>OLEA EUROPAEA L. BY-PRODUCTS: FROM WASTE TO NUTRACEUTICAL RESOURCE</i>
16.30 – 16.45	OC10	Margherita Maranesi (University of Perugia) <i>DIETARY POLYPHENOLS FOR RABBIT DOES: OVARIAN PRESENCE AND GENE EXPRESSION OF INFLAMMATORY, METABOLIC, AND APOPTOSIS-ASSOCIATED FACTORS</i>
16.45 – 17.00	OC11	Selin Şahin (Istanbul University-Cerrahpaşa) <i>A SUSTAINABLE EXTRACTION MEDIA FOR THE NUTRACEUTICAL BIOACTIVE MATERIALS: TAILOR-MADE DEEP EUTECTIC SOLVENTS</i>

October 6, 2020

SESSION “TRADITIONAL MEDICINE”

Chairperson: *Salvatore Genovese*

15.00 – 15.45	PL6	Gabriele Costantino (University of Parma) <i>REDISCOVERING ETHNIC MEDICINE: THE RWANDAN EXAMPLE</i>
15.45 – 16.15	KN2	Nuria Acero de Mesa (San Pablo CEU University of Madrid) <i>ACANTHUS MOLLIS L. (ACANTHACEAE) AS A SOURCE OF BIOACTIVE MOLECULES</i>
16.15 – 16.30	OC12	Daniel Zacharia Matata (Muhimbili University of Health

		and Allied Sciences)
		IN VITRO ANTIOXIDANT AND CYTOTOXIC ACTIVITY OF THE ROOT EXTRACT AND TWO COMPOUNDS ISOLATED FROM <i>ASPILIA MOSSAMBICENSIS</i> (OLIV) WILD (ASTERACEAE)
16.30 – 16.45	OC13	Francesca Prezioso (University of Parma, University “G, d’Annunzio of Chieti-Pescara)
		THE POTENTIAL MEDICINAL VALUE OF PLANTS BELONGING TO ABRUZZO REGION’S FOLK MEDICINE
16.45 -17.00	OC14	Chiara Sinisgalli (University of Basilicata)
		<i>CAPSICUM ANNUM</i> L. CV SENISE: HEALTH COMES FROM TRADITIONS

October 9, 2020

SESSION “PHARMACOLOGY AND PHYTOTHERAPY”

Chairperson: Karel Šmejkal

15.00 – 15.45	PL7	Thomas Efferth (“Johannes Guthenberg” University of Mainz)
		BEYOND MALARIA: INHIBITION OF VIRUSES BY ARTEMISININ-TYPE DRUGS
15.45 – 16.00	OC15	Gilles Degotte (Université de Liège)
		DEVELOPMENT OF NEW ANTIMALARIAL AGENTS INSPIRED BY A COMMON POLYPHENOL, ELLAGIC ACID
16.00 – 16.15	OC16	Mariangela Marrelli (University of Calabria)
		<i>FOENICULUM VULGARE</i> MILL. ESSENTIAL OIL AND ITS MAIN METABOLITES: BENEFITS IN ARTHRITIS MANAGEMENT USING <i>IN VITRO</i> MODELS
16.15 - 16.30	OC17	Mourice Mbunde (Muhimbili University of Health and Allied Sciences)
		<i>IN VITRO</i> ANTIFUNGAL ACTIVITY OF ISOLATED COMPOUNDS FROM <i>PARINARI CURATELLIFOLIA</i> (CHRYSOBALANACEAE) AND <i>TERMINALIA SERICEA</i>

		(COMBRETACEAE)
16.30 – 16.45	OC18	Pop Sevinci (Victor Babes National Institute of Pathology and Biomedical Sciences) EVALUATION OF BIOLOGICAL ACTIVITY OF <i>TRIFOLIUM PRATENSE</i> L. EXTRACTS ON HUMAN BREAST CANCER AND NON-TUMORIGENIC CELL LINES

October 13, 2020

SESSION “PHARMACOLOGY AND PHYTOTHERAPY”

Chairperson: *Krystyna Skalicka-Woźniak*

15.00 – 15.45	PL8	Virginia Lanzotti (University of Naples “Federico II”) TRADITIONAL PHYTOCHEMICAL APPROACHES AND NEW PERSPECTIVES IN NUCLEIC ACIDS APPLICATIONS
15.45 – 16.15	KN4	Didem Şöhretoğlu (Hacettepe University) RECENT ADVANCES IN NATURAL TOPOISOMERASE INHIBITORS
16.15 – 16.30	OC19	Raffaele Pezzani (University of Padova) PLANT NATURAL PRODUCTS WITH ANTI-THYROID CANCER ACTIVITY
16.30 - 16.45	OC20	Karel Šmejkal (Masaryk University) STILBENOID COMPOUNDS AS ANTI-INFLAMMATORY AGENTS

October 16, 2020

SESSION “PHARMACOLOGY AND PHYTOTHERAPY”

Chairperson: *Franz Bucar*

15.00 – 15.15	OC21	Cristiana Tanase (Victor Babeş National Institute of Pathology) FATTY ACIDS IN REGENERATION: MECHANISMS INVOLVED IN CELL MIGRATION AND PROLIFERATION
15.15 – 15.30	OC22	Michał Tomczyk (Medical University of Białystok) POTENTIAL OF <i>BIDENS TRIPARTITA</i> AS AN ANTI-INFLAMMATORY AND ANTIALLERGIC MEDICATION

15.30 - 15.45	OC23	Adriana Trifan ("Grigore T. Popa" University of Medicine and Pharmacy) <i>SYMPHYTUM OFFICINALE</i> L.: NEW INSIGHTS INTO CHEMICAL COMPOSITION AND BIOLOGICAL ACTIVITY
15.45 – 16.30	PL9	Satyajit Sarker (Liverpool "John Moores" University) PREVENTION AND MANAGEMENT OF OBESITY: CONTRIBUTIONS FROM NATURAL PRODUCTS

16.30 – 17.00 Closing remarks