

18th World Congress on Polyphenols Applications

October 2-3 | Corinthia Palace Malta

DAY 1: OCTOBER 2

POSTER	Presenter	Title
1	Jagoda ADAMCZYK-GROCHALA	APPLICATION OF MITOCHONDRIA-TARGETED BETULINIC AND URSOLIC ACID DERIVATIVES FOR THE ELIMINATION OF DOXORUBICIN-INDUCED SENESCENT BREAST CANCER CELLS
2	Mária ADAMKOVIČOVÁ	MICROENCAPSULATION OF CAROLINA REAPER EXTRACT FOR FUNCTIONAL ENRICHMENT OF MCT COCONUT OIL
3	Vasil ANDRUCH	NADES-BASED GREEN EXTRACTION PROCEDURES FOR DETERMINATION OF POLYPHENOLIC COMPOUNDS IN VARIOUS PLANT MATRICES
4	Yasmany ARMAS DIAZ	PRE-LIMINARY RESULTS ABOUT THE ANTI-INFLAMMATORY EFFECT OF FERMENTED OLIVES AGAINST LPS-STIMULATED MACROPHAGES RAW264.7 CELLS
5	Tamara ATTARD	COMPARING ETHANOLIC AND METHANOLIC EXTRACTS OF FIG (FICUS CARICA L.) SKIN & PULP
6	Sílvia AFONSO	PHENOLIC PROFILE AND ANTIOXIDANT POTENTIAL OF WHITE, ROSÉ, AND RED NON-ALCOHOLIC WINES PRODUCED BY DIFFERENT DEALCOHOLISATION TECHNOLOGIES
7	Sascha BEUTEL	RECOMBINANT WHOLE-CELL BIOCONVERSION PROCESSES FOR FLAVANONS
8	Jorge BARROS	EVALUATION OF THE EFFECTS OF AN ERIOBOTRYA JAPONICA LEAVES EXTRACT ON ZEBRAFISH EMBRYOGENESIS, BEHAVIOR, AND BIOCHEMICAL PATHWAYS
9	Ovidiu CRISAN	EXTRACTION OF BIOACTIVE COMPOUNDS FROM EPILOBIUM HIRSUTUM L. WITH DEEP-EUTECTIC SOLVENTS
10	Gianina CRISAN	PHYTOCHEMICAL COMPOSITION AND ANTIMICROBIAL ACTIVITY ASSESSMENT OF EXTRACTS OBTAINED FROM THE AERIAL PARTS OF FILIPENDULA ULMARIA AND FILIPENDULA HEXAPETALA
11	Martyna CYBULARCZYK-CECOTKA	SYNTHESIS AND ANTIOXIDANT ACTIVITY OF MITOCHONDRIA-TARGETED QUERCETIN DERIVATIVES
12	Judyta CIELECKA-PIONTEK	INFLUENCE OF GASTROINTESTINAL CONDITIONS ON THE RELEASE OF ANTHOCYANINS FROM ARONIA- β -GLUCAN SYSTEMS
13	Stefania D'ANGELO	SUSTAINABLE VALORIZATION OF ANNURCA APPLE BY-PRODUCTS : ANTIOXIDANT POTENTIAL ACROSS RIPENING STAGES
14	Sara DAMIANO	IMPACT OF PASSIFLORA, WITHANIA, AND TARAXACUM ON HEALTH MARKERS IN SENIOR DOGS
15	Rui DIAS COSTA	ALGINATE AND CHITOSAN-BASED FILMS ENRICHED WITH GRAPE STEM EXTRACT FOR POTENTIAL WOUND HEALING APPLICATIONS
16	Hana ĎURANOVÁ	ENHANCEMENT OF POLYPHENOL CONTENT AND ANTIOXIDANT ACTIVITY IN MCT COCONUT OIL ENRICHED WITH HABANERO RED EXTRACT
17	Raquel FERNANDES	IMPACT OF GRAPE STEM POLYPHENOLS ON PROSTATE CANCER CELL DYNAMICS
18	Philippe GERARDIN	WOOD BARK AN UNDERUTILISED RAW MATERIAL FOR POLYPHENOL EXTRACTION : THE EXTRABARK PROJECT
19	Christine GERARDIN CHARBONNIER	HIGH ADDED-VALUE POLYFUNCTIONNAL NATIVE OR HEMISYNTHETIC DERIVATIVES BASED ON POLYPHENOLIC EXTRACTIVES FROM BY-PRODUCTS OF WOOD INDUSTRY TO SIMPLIFY COSMETIC FORMULATIONS
20	Irene GOUVINHAS	DEVELOPMENT OF SUSTAINABLE ACTIVE PACKAGING BASED ON GRAPE STEM POLYPHENOLS
21	Ilia ILIEV	INFLUENCE OF POLYPHENOL COMPLEX EXTRACT FROM POMACE OF BULGARIAN GRAPE MAVRUD ON TYROSINASE INHIBITION
22	Yassine JAOUHARI	VALORIZATION OF RASPBERRY POMACE THROUGH NADES-DERIVED EXTRACTS FOR STABLE AND BIOACTIVE TOPICAL SYSTEMS
23	Katarzyna KARWOWSKA	THE INFLUENCE OF MYRICETIN, A PLANT-DERIVED ANTIOXIDANT, ON THE SURFACE CHARGE DENSITY OF THE LIPOSOMAL LIPID MEMBRANES
24	Linards KLAIVINS	EFFECT OF DRYING TEMPERATURE ON THE ANTHOCYANIN PROFILE OF SELECTED BERRY PRESS RESIDUES
25	Julia KLOTZ	EFFECTS OF ULTRASOUND TREATMENT ON THE STABILITY OF SELECTED FLAVONOIDS
26	Joanna KOTYŃSKA	BIOPHYSICAL INSIGHTS INTO FLAVONOID INTERACTIONS WITH MIMETIC MEMBRANES: PHYSICOCHEMICAL PROPERTIES OF LIPOSOMES CONTAINING APIGENIN
27	Agnieszka KROGUL-SOBCZAK	INTERACTIONS OF THIOQUERCETIN AND QUERCETIN DERIVATIVES WITH MODEL LIPID MEMBRANES
28	Lenka KUŽELOVÁ	CHILI POLYPHENOLS REDUCE OXIDATIVE STRESS IN SCHIZOSACCHAROMYCES POMBE
29	Malgorzata LATOS-BROZIO	THE INFLUENCE OF POLYPHENOLS ON THE AGING PROCESSES OF POLYMER COMPOSITIONS CONTAINING AGRICULTURAL WASTE
30	Silvia MATIACEVICH	ANTIOXIDANT VEGAN ADDITIVE BASED ON POLYPHENOL EXTRACTS FROM WALNUT GREEN HUSK: ANALYSIS OF STORAGE STABILITY
31	Katarína MATIAŠKOVÁ	EFFICACY OF POLYPHENOL-BASED FEED ADDITIVES AGAINST EXPERIMENTAL ESCHERICHIA COLI INFECTION IN A PIGLET MODEL

DAY 2: OCTOBER 3

POSTER	Presenters	Title
32	Mathieu MERLET	VALORIZATION OF PRUNING RESIDUES FROM TRADITIONAL AND INTERANTIONAL VITIS VINIFERA CULTIVARS: A COMPARATIVE ANALYSIS OF PHENOLIC PROFILES AND BIOACTIVITIES
33	Zorana MUTAVSKI	ECO-FRIENDLY ULTRASOUND EXTRACTION OF PHENOLICS FROM MENTHA PIPERITA: EFFECT OF KEY PARAMETERS
34	Monika NAUMOWICZ	LIPOSOMAL FORMULATIONS OF P-COUMARIC ACID: PHYSICOCHEMICAL CHARACTERIZATION AND ENCAPSULATION EFFICIENCY
35	Shabin NEERUTTIKKAL CHATHANGAD	CHEMOPROTEOMICS IN LIVE BACTERIA IDENTIFIES COVALENT INTERACTOME OF EPIGALLOCATECHIN-3-GALLATE (EGCG) UNDERLYING ITS MULTIMODAL ANTIBACTERIAL MECHANISM
36	Evelina NIEDRITE	TURNING ECOLOGICAL THREATS INTO RESOURCES: POLYPHENOL EXTRACTION FROM INVASIVE REYNOUTRIA BIOMASS
37	Stoyanka NIKOLOVA	CHEMICAL COMPOSITION, ANTIOXIDANT AND ANTIMICROBIAL ACTIVITY OF THE FRUITS OF LAUROCERASUS OFFICINALIS ROEM., CULTIVAR N
38	Mariana NIKOLOVA	INFLUENCE OF POLYPHENOL COMPLEX EXTRACT FROM POMACE OF BULGARIAN GRAPE RUBIN ON TYROSINASE INHIBITION
39	Ivo OLIVEIRA	UNEXPLOITED PHYTOCHEMICAL POTENTIAL: PHENOLIC PROFILING OF PORTUGUESE TRADITIONAL ALMONDS
40	Gunter P. ECKERT	THE IMPACT OF XANTHOHUMOL AND ITS DERIVATES ON HEAT STRESS INDUCED MORTALITY IN A C. ELEGANS MODEL OF ALZHEIMER`S DISEASE
41	Pasquale PERRONE	HYDROXYTYROSOL ATTENUATES MERCURY-INDUCED PROTHROMBOTIC ALTERATIONS IN HUMAN RED BLOOD CELLS
42	Aneta Dorota PETELSKA	THE EFFECT OF KAEMPFEROL—A FLAVONOID KNOWN FOR ITS ANTICANCER PROPERTIES—ON THE ZETA POTENTIAL OF MODEL LIPID MEMBRANES
43	Diandra PINTAĆ ŠARAC	ENHANCING IRON ABSORPTION THROUGH NOVEL PLANT-BASED NUTRACEUTICALS
44	Herbert RIEPL	APPLICATION AND ENRICHMENT OF RARE CHROMAN-TYPE PRENYLFLAVONOIDS IN HOP EXTRACTS FOR USE IN REGENERATIVE MEDICINE
45	Maria Celeste RUIZ	NOVEL MOLECULES DERIVED FROM POLYPHENOLS EXTRACTED FROM WOOD INDUSTRY BY-PRODUCTS: STUDY OF THEIR GELLING, SURFACTANT, ANTIOXIDANT AND ANTIBACTERIAL PROPERTIES
46	Cristina SALADAS	VALORASING WASTE STREAMS BY EXTRACTING HIGH VALUE COMPONENTS FOR THE FOOD INDUSTRY
47	Jana ŠANDREJOVÁ	CLOUD POINT EXTRACTION AN EFFICIENT AND ENVIRONMENTALLY FRIENDLY PROCEDURE FOR PLANT SAMPLES ANALYSIS
48	M. Pilar SANTAMARINA	TIGER NUT CONSERVATION WITH NATURAL BIOFILM WITH THYMUS ZYGIS ESSENTIAL OIL
49	Diana Vanessa SANTISTEBAN SOTO	PHENOLIC COMPOUNDS FROM OLIVE AND GRAPE POMACE STABILIZE OMEGA-3 FATTY ACIDS IN FLAXSEED OIL EMULSIONS
50	Ana Cristina SANTOS ABRAÃO	VALORIZATION OF APPLE POMACE VIA ENZYMATIC HYDROLYSIS TO ENHANCE PHENOLIC CONTENT AND ANTIOXIDANT CAPACITY FOR FUNCTIONAL FOOD APPLICATIONS
51	Ann-Sophie SCHWEIZER	CHARACTERIZATION OF REACTION PRODUCTS RESULTING FROM OXIDATIVE COUPLING OF 5-CAFFELOYLQUINIC ACID AND SELECTED PRIMARY AMINO COMPOUNDS
52	Katarzyna SĘKTAS	DESIGN, SYNTHESIS AND EVALUATION OF A RESVERATROL-TEMPO HYBRID MOLECULE AS A DUAL-FUNCTION ANTIOXIDANT AGENT
53	Jan SENEKOVIČ	INTEGRATING MULBERRY EXTRACTS AND SERICIN FOR NANOPARTICLE DEVELOPMENT: PHENOLIC DIVERSITY, ANTIOXIDANT POTENTIAL, AND APPLICATION PROSPECTS
54	Julia SŁABY	A HSP90 INHIBITOR INTERFERES WITH CYP1A1-MEDIATED DETOXIFICATION OF THIOQUERCETIN DERIVATIVES POTENTIATING OXIDATIVE STRESS AND RELATED CYTOTOXICITY IN CELLULAR MODELS OF MELANOMA
55	Mirjana SULEJMANOVIĆ	UNLOCKING THE POTENTIAL OF GINGER WASTE: GREEN EXTRACTION OF 6-GINGEROL AND 6-SHOAGOL BY USING ECO-FRIENDLY APPLE CIDER VINEGAR
56	Emmy TUENTER	PHENOLIC CONTENT OF COCOA BEANS AND DERIVED COCOA LIQUORS AND CHOCOLATES AFTER SPONTANEOUS OR STARTER CULTURE-INITIATED COCOA FERMENTATION
57	Sabina VALENTINI	POLYPHENOL-ENRICHED WHEY: A SUSTAINABLE STRATEGY FOR COSMECEUTICAL APPLICATIONS
58	Ana-Maria VLASE	PHYTOCHEMICAL PROFILE AND ANTIOXIDANT POTENTIAL OF EXTRACTS OBTAINED FROM ARONIA MELANOCARPA USING VARIOUS MIXTURES OF NATURAL DEEP EUTECTIC SOLVENTS
59	Laurian VLASE	EVALUATION OF THE PHYTOCHEMICAL PROFILE AND ANTIOXIDANT ACTIVITY OF SOME SPECIES FROM THE FABACEAE FAMILY
60	Anja VUČETIĆ	GREEN SUPRAMOLECULAR EXTRACTS OF KALE AND SANGO RADISH MICROGREENS: THEIR PHENOLIC PROFILE, ANTIOXIDANT AND ANTIMICROBIAL POTENTIAL
61	Wojciech WITKOWSKI	4-THIOFLAVONOIDS AS POTENT ANTIOXIDANTS: KINETIC INSIGHTS AND RADICAL-TRAPPING EFFICIENCY IN BIOLOGICAL AND MODEL SYSTEMS
62	Michał ŻEBROWSKI	AZAQUERCETIN AS A NITROGEN-BASED ANTIOXIDANT: PROTECTION OF RED BLOOD CELLS AGAINST OXIDATIVE STRESS