

Poster Session 3

TUESDAY 16 JULY 2024

**Cutting edge technologies in natural product drug
discovery, formulation and development**

P1	In Silico investigation of <i>Pterocarpus marsupium</i> against type-2 diabetes mellitus through network pharmacology approach	Munish Garg
P2	Integration of High-Throughput Screening, AI-ML Strategies, and ECD/DP4+ for the Discovery and Elucidation of Novel Natural Products	Ashootosh Tripathi
P3	On-tissue derivatization and MALDI-MS Imaging reveal hemlock alkaloid distribution in <i>Conium maculatum</i>	Diana Astrid Barrera Adame
P4	New World and Old World <i>Salvia</i> species (sages): Searching of Diterpenoids with Cytotoxic Activity	Diana Pérez Juanchi
P5	Use of <i>Galleria</i> moth larvae model to assess the pathogenesis of AIEC and the therapeutic potential of Geraniol as an antibacterial agent.	Ryath Al-Hemedawi
P6	Inhibition of transforming growth factor β signaling by prodigiosin through disruption of receptor recycling and subcellular translocation in epithelial cells	Chun-lin Chen
P7	Assessing intra- and inter- variability of Macedonian wild-types and commercial Cannabis strains using STR markers	Veronika Stoilkovska Gjorgievska
P8	Preclinical development of natural products into agents for pediatric brain cancers	Evgenia Glukhov
P9	Exploring the anti-mycobacterial potential of French Guiana's flora through a metabolomic study	Célia Breaud
P10	Arnica of Provence: an alternative to <i>Arnica montana</i> ? Investigations about polyphenolic composition and antioxidant potential	Clémentine Achard-Baccati
P11	Biosynthesis of anti-inflammatory compounds from <i>Calendula officinalis</i>	Daria Golubova
P12	Development and validation of an analytical method for the analysis of standardized red propolis extract and its chemopreventive effect against colon carcinogenesis	Sergio Ambrosio
P13	Extract rich in polyprenylated benzophenones from Brazilian red propolis: obtaining, analytical characterization and in vitro evaluation against breast cancer lines.	Rodrigo Veneziani
P14	Computational NMR Enhances Metabolomic Analysis and Sustainability	Matthias Niemitz
P15	Exploring on the Networking of Chemical Compositions and their Cytotoxicity toward KBCC <i>Nepenthes</i> Plants	Szu-yin Yu
P16	Chemical Composition and Bioactivity of <i>Uvaria micrantha</i> from Vietnam	Fang-rong Chang

P17	Ontology Based Ethnobotany Data to Support Natural Product-based Drug Discovery – Growth of Data, Large-Scale Insights and Case Studies	Vijay Ingalalli
P18	Optimization Formulation of <i>Rhodiola rosea</i> L. Nanoemulsion Containing Natural Oil Using Response Surface Method (RSM): Preparation, Characterization, Stability Test and Antioxidant Activity	Benni Iskandar
P19	Oxidoreductase FSP1-mediated redox-regenerating natural product E18C6 potently suppresses ferroptotic cell death	Minh Bui Hoang
P20	Chinese Traditional Medicine for Prevents Hair Loss in Androgenic Alopecia Mice	Ching-peng Wei
P21	Qualitative and semi-quantitative screening of triterpenes in <i>Vaccinium uliginosum</i> L. fruits using supercritical fluid chromatography	Zuzana Vaneková
P22	Matrix free laser desorption ion mobility mass spectrometry in chemometrics: A new approach to the rapid identification of activity markers in complex mixtures of natural products	Andreas Schinkovitz
P23	Metabolomic study of tea tree oil and <i>Melaleuca</i> spp. using HPTLC, LC-MS and GC-MS	Yi Zhao
P24	Preclinical evaluation of oral nanoformulation based on natural extract as a potential treatment for type 2 diabetes mellitus.	Norman Balcazar
P25	Employing Plant-Bacterial Interactions to Access the Metabolic Capacity of Bacteroidetes	Barbara Adaikpoh
P26	<i>Epilobii herba</i> : Quality assessment using chromatographic techniques	Olha Mykhailenko
P27	Phytochemical analysis and quality control study of <i>Dendrobium fimbriatum</i> Hook. Flowers	Anham Abbasi
P28	Identification of chemical defenses of a tropical tree <i>Sextonia rubra</i> using molecular networks from GC-MS, LC-MS/MS and MALDI-MS/MS imaging data	David Touboul
P29	An Ethnobotanical, Pharmacological and Phytochemical Review on Flowers of <i>Shi-hu</i> (<i>Dendrobium</i> spp.)	Anham Abbasi
P30	Industrial Natural Products Discovery and Development for Agriculture Using 'Omics Tools	Deepa Acharya
P31	Study of medicinal plants use among patients of the urology service of Ibn-Sina hospital in Rabat, Morocco, Ethnobotanical, Epidemiological and Toxicological aspects/ Phytovigilance	Khadija Dabra
P32	Unveiling the Multifaceted Efficacy of <i>Gu Sui Bu</i> in Osteoporosis Treatment: Insights from a Zebrafish Model and Advanced Analytical Approaches	Ming-der Lin
P33	Phytochemical profiling and the wound healing potential of five Bulbine species using in vitro and in vivo assays	Ramoagi Segone
P34	Translating community-wide mass spectral libraries into actionable chemical knowledge: A proof of concept with monoterpene indole alkaloids	Sarah Szwarc
P35	Non-targeted Profiling Analysis by GC/MS and LC/MS/MS of extracts derived from <i>Eucalyptus tereticornis</i> with antiobesogenic and antidiabetic activity.	Norman Balcazar
P36	Design, synthesis and screening of novel prenylated chalcones as optimised anti-cancer agents	Mouna Hind Laiche

P37	Does the combined effect of natural abietane diterpenes with temozolomide have therapeutic potential against glioblastoma?	Mário Marques
P38	Assay-directed method development for natural product purification	Jack Silver
P39	Comparative analysis of the anti-inflammatory properties of nanoparticles derived from the medicinal plants <i>Zingiber officinale</i> (Ginger) and <i>Caralluma edulis</i> (Chunga), in the treatment of Inflammatory Bowel Disease	Abayomi Yusuf
P40	Isolation, characterization, and bioactivity of compounds from the stem bark of <i>Prunus africana</i>	Jennifer Nambooz
P41	Lanostane triterpenoids of <i>Inonotus obliquus</i> are modulators of inflammation regulators ROR γ and GPBAR1	Benjamin Kirchweiger
P42	COSMO-RS as cutting-edge technology for design and pre-screening of Natural Deep Eutectic Solvents for selective extraction: <i>Spirulina</i> as case study	Mervé Yagmur
P43	Tetrahydrofuran sesquiterpenes and the bronchodilator effect of <i>Artemisia judaica</i>	Ali ElGamal
P44	Development of non-targeted metabolomic approaches for the screening of bioactive molecules in <i>Clematis</i> species	Audrey Le Cabec
P45	Semisynthetic pyrazole ring containing hydrocurcumin derivatives as potential new antitumor agents	Gábor Girst
P46	Studies on the angiotensin converting enzyme inhibitory constituents in <i>Allium chinense</i> G. Don	Yun Sheng Lin
P47	A Decision Theory-based aggregation tool for tandem mass spectrometry mutli-annotation outputs	M. Yassine Mejri
P48	Plectranthus: An Important Source of Bioactive Diterpenoids for Therapeutic Applications	Patrícia Rijo
P49	Characterization of volatile and non-volatile compounds in <i>Larix decidua</i> (Pinaceae) oleoresin and its nanoemulsion development	João Vitor Da Costa Batista
P50	In vitro antihypertensive effects of <i>Viscum album</i> mother tinctures in kidney proximal tubule cells	Carla Holandino
P51	¹ H NMR-based Metabolomics on 30 East Asian Traditional Herbal Medicines for Quality Control	Eunah Jeong
P52	Unveiling Terpenoid Diversity in <i>Sideritis</i> spp. through Molecular Networks	Corinna Urmann
P53	Targeted discovery of sesquiterpene indole alkaloids from Gabonese <i>Greenwayodendron suaveolens</i>	Rany Berty MBENG OBAME
P54	The benefit of classification machine learning in virtual drug discovery for beta-lactamase inhibitors identification based on an in-house library.	Thanet Pitakbut
P55	A bioactive chlorophyll-derived yellow phyllobilin from senescent leaves of <i>Carica papaya</i> (Caricaceae) and its potential role in the ethnopharmacological use of withered leaf extracts	Christian Elvert
P56	Evaluating the use of Raman spectroscopy for the characterization of essential oils by direct measurement on the oregano leaf glands	Andreana Assimopoulou
P57	New Benzothiazines with Pain-Reliving Activity from Marine Bacterium <i>Croceibacter atlanticus</i>	Erin Marshall

P58	3D printed polymeric scaffolds loaded with antibiotic and anti-inflammatory drugs for tissue engineering applications	Andreana Assimopoulou
P59	ChromAnnot – a webserver for reproducible LC-HRMS/MS chromatogram annotation	Samuel Bertrand
P60	Exploring the anticancer potential of <i>Polygonum barbatum</i> (L.) against colorectal cancer: In vitro and in vivo investigations	Shih-yu Lee
P61	Physical interactions between <i>Streptomyces</i> (Streptomycetaceae) and competing microbes trigger the production of natural products	Heli Tirkkonen
P62	Energy Saving Efficacy and Optimized Condition of Pulse Energy Fields Technology on <i>Centella asiatica</i> extraction.	Na Young Lee
P63	Identification of a Leoligin-inspired synthetic lignan as a novel TGR5 agonist	Alexander Perhal
P64	Nano-phytosome delivery system loaded with <i>Crataegus laciniata</i> (Rosaceae) Flowers extract: whitening properties	Shiva Pouramin Arabi
P65	Leoligin derivatives as novel Phosphodiesterase 4 inhibitors	Christine Coffey
P66	The search for nontraditional synergy: pairing in vitro omics and in silico machine learning methods to discover novel combinations of antimicrobial agents from natural products	Katherine Lev
P67	Electron diffraction-guided natural product discovery: identification and isolation of new scaffold class from <i>Podospora australis</i>	David Delgadillo
P68	Metaboseek 2.0: Deconvoluting the complexity of MS/MS Big Data through interactive data processing	Alexandros Polyzois
P69	Cytotoxic activities of terpenoids from genera <i>Euphorbia rowlandii</i> and <i>Euphorbia grandocornis</i> (Euphorbiaceae) against the Triple-negative breast cancer (TNBC)	Jacqueline Tembu
P70	Simultaneous extraction and synthesis of new cannabinoid acid esters and their evaluation on TRPA1, cell proliferation and in MDA-MB-231 xenograft model of cancer	Evangelos Dadiotis
P71	Exploring Potential Breast and Melanoma Cancer Drug Candidates from <i>Crocus sativus</i> : Molecular Docking Insights	Olha Mykhailenko
P72	Metabolic fate of Oleocanthal and Oleacein after oral consumption: Novel biomarkers, human bioactivity insights and TRPA1 channel activation	Nikoleta Anna Madelou
P73	An innovative methodology for the production of a new food supplement enriched in Oleocanthal and Oleacein with multi target protective properties.	Prokopios Magiatis
P74	Online dried spot LC-Orbitrap analysis for the quality assessment of cannabis products	Varvara Papaioannou
P75	Anti-prostatic effects of <i>V. album</i> L extracts are influenced by season and the use of hydrogel delivery system	Carla Holandino
P76	A “head-to-tail” approach towards foodomics advancement: LC-HRMS and NMR correlation in the case of olive products	Stavros Beteinakis
P77	Systematic Cheminformatics Analysis of Herbal Plants in Malawi: Uncovering Chemical Scaffolds with Anti-candidal Potential.	King Bwaila
P78	From Nature’s Palette to Drug Candidates: Exploring the Chemodiversity of <i>Piper fimbriatum</i> and Expanding the Bioactive Potential for the Development of Novel Drug Leads	Milana Perković
P79	Inhibition of Autotaxin by Quercetin and its derivatives	Nam-hui Yim

P80	Exploring vibrational spectroscopic approaches for quantifying main phytocannabinoids in medicinal Cannabis sativa inflorescence	Olga Gigopulu
P81	Exploring the Therapeutic Synergy: Comprehensive Assays Unveil the Potential of Sericin and Chelidonium Majus L. in Developing a Possible Wound Dressing	Sandrina A. Heleno
P82	Synergistic Impact of Natural Stilbene-Linked Mono-substituted Nitroarenes in Hormone-dependent Breast Cancer: A Greener Approach	Lairikyengbam Deepti Roy
P83	The natural diversity of acyltransferases reveals versatility and specificity in the synthesis of gene-encoded lipopeptides	Johannes Eckert
P84	Exploring New Dimensions: Analytical Method Development for Enhanced Quality Control of Natural Products	Justine Raeber
P85	Simultaneous Quantification of Terpenes and Cannabinoids in Cannabis Sativa by Reversed Phase LC-APCI-MS/MS	Justine Raeber
P86	LumiNose: A novel instrument to apply the receptomics biosensor technology for identifying and quantifying medicinal bioactivities in plant extracts	Lorenzo Corsico
P87	pH-Dependent degradation of andrographolide; kinetics, product identification and anti-inflammatory and cytotoxic activity assessment	Wuttichai Jaidee
P88	Immunohistochemical evaluation of the effect of Kigelia africana stem-bark extracts on benign prostatic hyperplasia induced by testosterone and estradiol in albino Wistar rats.	Godwin Mbaka
P89	Styryl lactone derivatives and aristolactam alkaloids from Goniothalamus tapis Miq. and their α -glucosidase inhibitory activity	Piyaporn Phukhatmuen
P90	Exploring synergies between hemp cannabinoids and β -caryophyllene on triple-negative breast cancer cell line	Carla Hamann
P91	Response Surface Methodology as a tool to obtain a potential satiating bitter enriched extract from Gentiana lutea L.	Vittorio Carlucci
P92	The Botanical Safety Consortium: Collaborative Effort to Improve Botanical Safety Methods	Connie Mitchell
P93	Natural digestion mimicking curcuminoid formulation enhances oral bioavailability of curcuminoids	Johannes-paul Fladerer
P94	Reveal the structure of plants by X-ray Imaging and biomedical Beamline at SSRF	Guohao Du
P95	A cyclodextrin based tertiary complex of curcuminoids to improve bioavailability -its basic characteristics and immunomodulatory properties	Rawiwan Charoensub
P96	Phytochemical Analysis of Artichoke (Cynara scolymus) Herb: Implications for in vitro Neuroprotective and Anti-Obesity Potential	Przemysław Zalewski
P97	A preliminary study investigating the wound healing potential of Cedrus brevifolia extracts in mice.	Helen Skaltsa
P98	Preformulation Studies of Lycopene-Rich Tomato Extract	Przemysław Zalewski
P99	Investigating the mechanism of action of the anti-aging ability of Geraniin nano-phytosome.	Usha Sundralingam
P100	QbD approach for the development of CBD-loaded polymeric micelles for oral delivery	Lucia Grifoni

P101	Native Metabolomics for the Discovery of New Small Molecule Gai protein Modulators	Amira Naimi
P102	NMR-HetCA uncovers bioactive secondary metabolites from propolis extracts prior to isolation	Nektarios Aligiannis
P103	Discovery of new bioactive compounds: cloning, activation and engineering of specialized metabolites biosynthetic gene clusters.	Iryna Ostash
P104	Origanum Dictamnus infusion characterization by HPLC-PDA-MS and nanoformulation development	Giulia Vanti
P105	Extract from the seedlings of Brassica oleracea var. Italica (Brassicaceae) reduces tissue damage and alters inflammatory markers over time: development of new medications	Katherine Warpeha
P106	Identification of Naturally-derived lipids as GPR84 Agonists	Listiana Oktavia
P107	Quantitative analysis of endogenous steroids by UHPLC-MS/MS in various medicinal plant species	Jana Oklestkova
P108	Enhancing Drug Discovery Efficiency in Plant Extracts through Polyphenol Removal	Christina Davidson
P109	Bioactive Lycopodium alkaloids from clubmoss cultivars and transformation to enhance anti-acetylcholinesterase activity	Nopporn Thasana
P110	Depicting the Chemical Diversity of Bioactive Meroterpenoids Produced by the Largest Organism on Earth	Marc Stadler
P111	Comparative in vitro Enzyme Inhibitory Activities of Different Plant Parts of Five Albizia Species (Leguminosae)	Abdullahi Adeyemi Adegoke
P112	Study and Nutritional Screening of Some Botanicals used as Herbal Remedies in Managing Eye and Ear Ailments in Ado-Odo Ota Local Government Areas, Ogun State.	Abdullahi Adeyemi Adegoke
P113	New data about chemical composition of Cynanchum acutum L.	Vazha Nebieridze
P114	A comparative study between CPC and Flash chromatography for natural product purification	Thomas Michel
P115	Molecular Docking and Dynamics Simulations Study of Cathecin from Mentha cordifolia as potential HIV-1 Protease Inhibitor and Tat-Cyclin Competitor	Jeffrey Clement Bungar
P116	Phytochemical profiling of Acalypha australis and screening for its most potent anti-inflammatory compounds with bio-affinity ultrafiltration LC-MS	Mingquan Guo
P117	The Natural Products Magnetic Resonance Database (NP-MRD): Comprehensive Resource for Natural Products NMR Data Enabling Discovery and Understanding	John Cort
P118	Exploring the impact of moderate water stress on anthocyanin, flavonol glycosides and terpene dynamics across fruit development and ripening in Pistacia lentiscus L.	Lucrezia Muti
P119	Isolation, and Characterization of novel compound from Anaphalis triplinervis, its HPTLC quantification and antioxidant potential.	Ankush Sundriyal
P120	Trapping and detecting electrophilic metabolites of botanical natural products as glutathione conjugates	Richard Van Breemen
P121	Validation of Artificial Intelligence tools for expedited Innovation and globalization of Medicinal Plants in the Dietary Supplement Industry	Anand Swaroop

P122	Modified Proanthocyanidin DESIGNER Materials with Dentin Biomodification Activity	Guido Frank Pauli
P123	Antimicrobial activity of 2'-hydroxychalcones with a chlorine atom and their glycosides	Agnieszka Krawczyk-Łebek
P124	Novel ardisiphenol D derivatives 1279P1 and 1279P2: promising anti-colorectal cancer agents targeting the PI3K/Akt pathway and lipogenesis enzymes	Bai- Sen Chen
P125	Antifibrotic activity study of natural stilbenoids from <i>Dendrobium nobile</i> Lindl	Chu Shing Lam
P126	Planar Chromatography method development for the herbal metabolomic study on <i>Achillea millefolium</i> (Asteraceae)	Simon Jackson
P127	Metabolomics and microbiomics analysis reveals the dynamic change during <i>Citrus depressa</i> Hayata fermentation	Ta-wei Liu
P128	LC-MS analysis-based molecular networking for identifying anthelmintic compounds in <i>Terminalia leiocarpa</i> , a traditional plant used in livestock farming in West Africa	Joëlle Quetin-Leclercq
P129	Integration of Wnt-inhibitory activity and metabolomics structural novelty results to discovery novel bioactive natural products: new bicyclo[3.3.1]non-3-ene-2,9-diones from the Leaves of <i>Hymenocardia punctata</i> .	Luis-Manuel Quiros-Guerreroa
P130	Enhancing prioritization strategies of natural extracts: Integrating heterogeneous data from metabolomics datasets and biological screenings into knowledge graphs.	Luis-Manuel Quiros-Guerreroa

Total synthesis and biomimetic synthesis of natural products

P131	Obtaining new [6]-gingerol derivatives with potential antiparasitary activity	Warley Borges
P132	Identification of the C2-Sulfonamidyl Chromone Scaffold for Developing Anti-Inflammatory Agents Targeting Hyperactivation of Human Neutrophils	Hsin-yi Hung
P133	New Xanthone Analogues with Potent Intracellular Reactive Oxygen Species Inhibition Effects	Siau Hui Mah
P134	A new complementary process toward functionalized dihydropyridinones: application in total synthesis of phenanthroindolizidine alkaloids	Sanghee Kim
P135	Divergent synthesis of prenylated xanthenes as novel fungal IRE1 Inhibitors	Guillaume Viault
P136	Bimatoprost potentiates hair growth via Akt/Wnt/ β -catenin signaling by targeting the KATP channels	Jung-il Kang
P137	Cytotoxic Effects of Xanthone Derivatives Towards Leukemia Cells	Xiaocong Fu
P138	Thymol-based heterocyclic derivatives: Synthesis and SARS-CoV-2 Mpro molecular docking studies	Geneive Henry

P139	Large scale synthesis, anticonvulsant effect and toxicity assessment of Cannabigerol and Cannabinol	Prokopios Magiatis
P140	Expanding chemical space around structures from <i>Strychnos variabilis</i> : Late-Stage Functionalization Strategies using Photochemistry	Pierre Francotte
P141	Effects of metabolic modulators on the accumulation of specialized metabolites in <i>Hypogymnia physodes</i> (L.) Nyl.	Izabela Baczewska
P142	Synthesis of polymethoxyflavone - zapotin (5,6,2',6'-tetramethoxyflavone) and its new structural analogues	Monika Tomczykowa
P143	Anti-leishmanial activity of synthesized and characterized semisynthetic derivatives of Betulin.	Aanchal Loshali
P144	Exploring novel amino acid synthesis for plant-derived active cyclopeptide acquisition	Zheng- Ming Liang
P145	Structure modification of plant-derived milusanes compounds to explore their therapeutic potential as anticancer agents	Wen- Jian Xie

Genetic engineering of food crops and medicinal plants

P146	Seed propagation, tissue culture and in-vitro conservation studies in <i>Aristolochia tagala</i> Cham: an endangered medicinal plant of western ghats of India	Raviraja Gavali Shetty
P147	Efficient genetic transformation of <i>N. damascena</i> callus	Magdalena Klimek-Chodacka

Natural cosmetics, nutraceuticals, and food supplements

P148	Unravelling enzymatic hydrolysis inhibitors in lignocellulosic biomass samples: A combined LC-HRMS/MS and NMR multiblock modelling approach.	Ian Ramtanon
P149	Identifying antioxidant compounds within a mixture through dereplication and online DPPH strategies: A study on the CO ₂ byproduct of the Makwaen Pepper	Jérémy Perret
P150	Establishing human intestinal slice cultures as an ex vivo model of inflammatory bowel diseases for the pharmacological characterization of herbal extracts	Julia Werner
P151	Comparative Investigation of Frankincense Nutraceuticals: Pharmacokinetic/Pharmacodynamic Study	Tatiana Syrovets
P152	Bioactive potential of deglycosylated flavonoids extracted from immature oranges in skin health	Anne Mandeau

P153	Protective effect on H ₂ O ₂ -induced oxidative stress in L6 myotubes of <i>Mitragyna diversifolia</i> leaf extract	Juraithip Wungsintaweekul
P154	<i>Diospyros lotus</i> leaf extract and its main component myricitrin inhibit both histamine-dependent and histamine-independent itching	Seon Il Jang
P155	Beneficial effects of <i>Gryllus bimaculatus</i> extract on muscle atrophy in dexamethasone-stimulated C2C12 Cells	Seon Il Jang
P156	Anti-inflammatory effect of hyuganin from <i>Peucedanum japonicum</i> Thunberg leaves in lipopolysaccharide-stimulated RAW264.7 cells	Byoung Ok Cho
P157	Triterpene glycosides from the roots of <i>Deutzia x hybrida</i> "Strawberry Fields" (Hydrangeaceae) as sweet taste modulators	Efstathia Karachaliou
P158	Simultaneous Analysis of Bergapten and Schinifoline in <i>Zanthoxylum Schinifolium</i> Seeds Using HPLC and UPLC-MS/MS Systems	Changseob Seo
P159	Unveiling the mystery of Australian <i>Apis mellifera</i> propolis	Trong Tran
P160	Chemical profile and antioxidant capacity of Chilean traditional fermented beverages of algarrobo and chañar	Christina Mitsi
P161	Anti-Glycation Activity of Corn Silk Water Extract and Establishment of Methods for Evaluating its quality	Ryuichiro Suzuki
P162	Bioguided isolation and feature-based identification of bioactive molecules from <i>Fagraea berteriana</i> targeting dermal papilla cells and the Wnt pathway.	Phila Raharivelomanana
P163	Regenerative farming of medicinal crops as a source of robust, sustainable and novel supply chains for the cosmetic industry (BIOSURE)	Simon Jackson
P164	Immunomodulatory activities of aqueous extracts of <i>Dendrobium officinale</i> and <i>Dendrobium nobile</i> in peripheral blood mononuclear cells of tongue cancer patients	Clara Bik San Lau
P165	An innovative bioactive ingredient preparation method without column chromatography and gel filtration: High-purity 3S,3'S-astaxanthin from bioresources	Yang-chang Wu
P166	Bioactivity-Based Molecular Networking for the comparison of <i>Calophyllum inophyllum</i> (tamanu) oil obtained via three ecofriendly extraction processes	Phila Raharivelomanana
P167	GABA Prevents Sarcopenia through regulation of protein turnover and inflammaging in 21-25-month-old C57BL/6J mice	Boo-yong Lee
P168	The influence of disturbed gravity on the content of bioactive phytochemicals in selected sprouts of edible plants from the Brassicaceae family.	Marta Grudzińska
P169	Equivalency of DNA sequencing, HPTLC chromatographic analysis, botanical microscopy, for botanical identity/authentication: A statistical evaluation and quantitation of identification uncertainty.	Sidney Sudberg
P170	Bioassay-guided characterization of the Bergamot (<i>Citrus aurantium</i> var. <i>bergamia</i>) leaf-extract	Marika Allodi
P171	From nature to hair: using lignin from <i>Acacia</i> wood to produce hair conditioners	Carla Varela
P172	Phytochemical exploration and biological evaluation of four <i>Thymus</i> L. species from Türkiye	Pierre-eric Campos

P173	Isoflavone-rich clover sprouts and their effect on thyroid cells in vitro.	Wojciech Paździora
P174	Anti-histaminic and anti-inflammatory activities of <i>Ribes nigrum</i> L. leaf extract CPSP-01	Sophie Holowacz
P175	In vitro physiological effects and phytochemical exploration of four <i>Sideritis</i> L. species from Türkiye	Ebru Özdemir Nath
P176	Inhibitory effects of dietary Schisandra supplements on CYP2C19 and CYP2J2 in human liver microsomes	Do-hyeon Gwon
P177	Inhibitory effects of dietary Schisandra supplements on cytochrome P450 3A in human liver microsomes	Bae-gon Kang
P178	Direct extraction and formulation of <i>Bixa orellana</i> L. using a green biphasic solvent	Marine Chambaud
P179	Phenylpropanoids and Lignans in Hemp Seeds (<i>Cannabis sativa</i> L. semen): Identification and Quantification	Ilaria Maria Crimi
P180	A refined extract of Rosehip modulates skin genes: New evidence for a nutricosmetic	Cynthia Gisela Suarez
P181	Complementary LC-MS/MS analyses of alkaloid-rich fractions of the seeds of <i>Plukenetia volubilis</i> L. by LTQ Orbitrap XL and ZenoTOF 7600	Kristelle Hughes
P182	Compounds of edible fruits vs. bacterial nucleases – in silico study	Monika Czerwińska
P183	Iridoids from <i>Stenaria nigricans</i> and their Insect Repellency Assessment	Fazila Zulfiqar
P184	Natural Deep Eutectic Solvents: A Sustainable Alternative for the Extraction and Stabilization of Carotenoids and Chlorophylls from Spinach Leaves	Ramla Sahli
P185	Baking a difference: Elevating bread with <i>Portulaca oleracea</i> L. seeds	Maria João Rodrigues
P186	Chemical and sensory profile of different oregano individuals originated from Vertisco Mountain	Katerina Karamanoli
P187	Valuing the Medicinal Flora of Côa Valley (Portugal) through the development of new plant-based cosmetics	Mário Marques
P188	Identification of anti-inflammatory compounds in <i>Parasenecio adenostyloides</i> using bioactivity-based molecular networking	Yoo Kyong Han
P189	Metabolic Response of <i>Panax ginseng</i> to Root-Rot: A Molecular Networking Approach	Kyu Won Kim
P190	Collagenase and Tyrosinase Inhibitory Compounds from Fish Gut Bacteria <i>Ruegeria atlantica</i> and <i>Pseudoalteromonas neustonica</i>	Jonghwan Kim
P191	Phytochemical study of five Polynesian plant extracts for skin care application.	Marion Chambon
P192	Eco-extraction and characterization by HPLC-HRMS/MS of in vitro culture of the carnivorous plant <i>Drosera</i> .	Emilie Destandau
P193	Antioxidant potential and phytochemical analysis of an infusion obtained from the leaves of <i>Talisia esculenta</i>	Katia Scortecci
P194	Prospecting the phytochemical and antioxidant effects in vivo and in vitro of the ethanolic and aqueous extracts of the seeds of <i>Geoffroea decorticans burkart</i> (Fabaceae) on the animal model <i>Tenebrio molitor</i>	Kátia Scortecci

P195	Standardisation of secondary metabolite extraction and characterisation of Citrus aurantium var. bergamia leaves using green extraction technology	Beatrice Conversazioni
P196	Cosmeceutical Stability Assessment of Bergamot: Behavioural Studies on its Potential as an Active Ingredient	Beatrice Conversazioni
P197	Sustainable isolation and improved structural characterization of mycosporin-like amino acids: natural UV-filters from red algae	Thomas Michel
P198	Erythrina spp. as natural anti-inflammatory ingredients for cosmeceuticals: An in-silico study	Natalia Blicharska
P199	Residual solvents in botanical extracts used in food supplements: A regulatory conundrum for scientific justification	Deepak Mundkinajeddu
P200	Grateloupia lanceolata promotes hair growth by inhibiting of 5 α -reductase activity and opening of KATP channels	Da Hee Yang
P201	Anti-inflammatory effect of Lysimachia mauritiana Extract on Particulate Matter 10 Plus Diesel Exhaust Particles (PM10D)-induced respiratory disease mouse model and standardization using UPLC-qTof/MS analysis	Yoon-young Sung
P202	Analysis of dietary supplements containing adaptogenic herb Astragalus trimestris	Katerina Knizkova
P203	The GreenValue project: Exploring salt tolerant plants as sources of innovative food additives	Luísa Custódio
P204	Seasonal variation of the indole alkaloid profile of Vinca minor determined by GC-MS	Verena Spiegler
P205	Review of Honeybee-Sourced, Ingested Natural Products and Their Health Uses	Barbara Claire Sorkin
P206	Evaluating the analytical profile of ten hydrophilic Cucurbita pepo seed extracts	Adina Elena Grasu
P207	Uncovering the potential of cyanobacterial pheophorbide derivatives for metabolic disorders	Natália Silva
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