

II POSTER SESSION

September 07, 2021

MEDICINAL PLANT, NUTRACEUTICAL AND FOOD ANALYSIS

P40 Development of non-targeted and targeted multi-class methodologies for cannabis chemovars characterization, F.A. Franchina, University of Ferrara, Italy

P41 NMR profiling of *Ononis diffusa* identifies cytotoxic compounds against cetuximab-resistant colon cancer cell lines, M. Scognamiglio, University of Campania, Italy

P42 Withdrawn

P43 Multi-targeted molecular effects of *Capsicum annuum* L. cv Senise: new challenge for obesity, L. Lela, University of Basilicata, Italy

P44 Antioxidant Activity Determination Of Three Sorghum Varieties From Mediterranean Region Using Offline And Online Screening HPLC Assay, M.G. Basilicata, University of Salerno, Italy

P45 Radioprotective Effect Of An *Olea europaea* L. Cv. Caiazzana Extract Towards HUVEC Cells, S. Faramarzi, University of Campania, Italy

P46 *Calendula arvensis* (Vaill.) L. Aerial Parts: A Systematic Study Of The Polar Constituents By UHPLC-HRMS, M. Fiorentino, University of Campania, Italy

P47 *Calendula arvensis* (Vaill.) L. from Campania region: an unexplored source of apolar phytocomplexes in cosmeceuticals, C. Gravina, University of Campania, Italy

P48 HR-MS characterisation of red grapes pomace extract with anti-inflammatory activity *in vitro*, G. Ferrario, University of Milan, Italy

P49 Exploring the Nutraceutical Potential of Dried Pepper *Capsicum annuum* L. on Market from Altino in Abruzzo Region, A. Della Valle, University of Chieti-Pescara, Italy

P50 Flavonoids composition of *Paronychia kapela*, F. Epifano, University of Chieti-Pescara, Italy

P51 Euphorbol acetate, a new secondary metabolite from *Crepis lacera*, S. Genovese, University of Chieti-Pescara, Italy

P52 Selective isolation of amarogentin, the bitter principle of yellow gentian roots, L. Palumbo, University of Chieti-Pescara, Italy

P53 Trapping of Methylglyoxal by Chlorogenic Acid under Static and Dynamic *in vitro* Simulated Digestion Process, A. Papetti, University of Pavia, Italy

P54 Evaluation of Rice (*Oryza sativa* L.) by-products as natural sources of bioactive compounds and energy storage materials, I. Frosi, University of Pavia, Italy

P55 Detailed investigation of retention behavior of main cannabinoids under reversed-phase liquid chromatography, A. Buratti, University of Ferrara, Italy

P56 Identification of impurities in Cannabigerol extracted from hemp: Cannabigerovarin (CBGV) and Cannabigerobutol (CBGB), F. Russo, University of Modena and Reggio Emilia, Italy

P57 Quantification Of Salicylic Acid And Harpagoside In Serum And Milk Of Cattle And Horses After Administration Of White Willow And Devil's Claw Extracts, E. Truzzi, University of Modena and Reggio Emilia, Italy

P58 Development of Ca-alginate beads for the sustained release of mulberry DNJ to obtain a prolonged hypoglycaemic effect, L. Marchetti, University of Modena and Reggio Emilia, Italy

P59 Multivariate analysis of NMR data for a rapid identification of bioactive specialized metabolites from Asteraceae plants, G. Valentino, University of Campania, Italy

P60 Structural characterization of iridoids and flavonoids from *Scrophularia trifoliata* L. and evaluation of their potential anti-HIV-1 activity, F. Guzzo, University of Campania, Italy

P61 Antidiabetic properties of two vegetable phenolic-rich matrices subjected to different cooking methods and *in vitro* digestion, A. Cattivelli, University of Modena and Reggio Emilia, Italy

P62 A new sensoristic approach for the detection and discrimination of cannabinoids in *Cannabis* samples, G. Bevini, University of Modena and Reggio Emilia, Italy

P63 Characterization of the polyphenolic profile of unripe apple extract by metabolomics and evaluation of its anti-inflammatory activity, G. Baron, University of Milan, Italy

P64 Separation and Non-Separation Methods for the Analysis of Cannabinoids in *Cannabis sativa* L., V. Brighenti, University of Modena and Reggio Emilia, Italy

P65 Fast and easy LC-UV method for analysis of bioactive anthrones from Aloe leaf latex, G. Sibhat, KU Leuven, Belgium

P66 Easily applicable quality evaluation of personal care products containing aloe leaf gel, G. Sibhat, KU Leuven, Belgium

P67 Analysis of trans-cinnamaldehyde and its impurities by reversed phase liquid chromatography, M. F. Mansour, KU Leuven, Belgium

P68 Milling by-product valorization: quantification of phenolic acids content in common wheat offals by high-pressure liquid chromatography-photodiode array detection, L. Marincich, Alma Mater Studiorum University of Bologna, Italy

P69 Use of beneficial microbes to increase the nutritional value of fresh-cut vegetables, S. Pipponzi, University of Modena and Reggio Emilia, Italy

P70 Biofuncional textiles from dry onion skin: UV protection and anti-inflammatory/anti-oxidant properties, R. Sardella, University of Perugia, Italy

P71 Sustainable production of colored biofunctional textiles from dry onion skin, C. Clementi, University of Perugia, Italy

P72 Solubility and Stability Investigation of two Taxifolin Crystal Forms, N. Pinna, University of Perugia, Italy

P73 Coupling a microwave-assisted process with HPLC-ELSD for the extraction, purification and analysis of bioactive policosanols from beeswax, A. Venturelli, University of Modena and Reggio Emilia, Italy