

Polyphenols Applications

June 5-6, 2014 - Lisbon, Portugal

List of Posters Accepted

***Please find here the list of abstracts accepted for poster presentations.
If you cannot find your abstract in this list, please don't hesitate to contact us.***

Molecular insight into the metabolism of chlorogenic acid by gut microbiota and bifidobacteria

The effect of spinach supplementation on exercise-induced oxidative stress

Effect of polyphenols (extract from green tea [p60] and epigallocatechin-3-gallate) on genotoxic damage induced by hexavalent chromium in polychromatic erythrocytes of mouse peripheral blood

Preliminary effects of olive mill waste waters and polyphenols extract on the glucose absorption in mice and the correction of metabolic disorders in rat

Acute effects of diesel exhaust particles and cisplatin on oxidative stress in cultured human kidney (hek 293) cells, and the influence of curcumin thereon

Hydrophilic interaction chromatography of polyphenolics compounds in the analysis of some herbs

Monoliths as powerful 1d or 2d hplc stationary phase in polyphenol analysis

Total phenolic content, flavonoid concentration and antioxidant activity of haloxylon scoparium pomel extract

Synthesis, antimicrobial/antioxidant activity and pom bioinformatics evaluation of some new pyrimidine-2,4,6-trione analogues and their o- β -d-glucosides

Beneficial effects of flavonoids on the pathogenesis of atherosclerosis

Beneficial effects of lingonberry, blackcurrant and bilberry consumption on weight gain and prediabetes in c57bl/6j mice.

Evaluation of flavonoid content through aluminium complexation reaction

Enzyme-assisted extraction enhancing the phenolic release from cauliflower (brassica oleracea l. Var. Botrytis) outer leaves

Anthelmintic activity of phenolic acids from the axlewood tree anogeissus leiocarpus on the filarial nematode onchocerca ochengi and drug resistant strains of the free living nematode caenorhabditis elegans.

Association of mental health and verbal cognitive status with intake of polyphenols in the middle-aged

Protective effects of virgin olive oil on hepatotoxicity induced by acrylamide and aluminium chloride in adult rats

Antiproliferative effect of piceid on intestinal epithelial caco-2 cell cultures

Extract of grape skin, enriched in polyphenols, showed in vitro antioxidant activity and in vivo anti-atherosclerosis activity in hypercholesterolemic zebrafish

Influence of maturation stages and colletotrichum acutatum infection on the phenolic composition of different olive cultivars

Anti-oxidative effects of citro flavonoids on serum testosterone & spermatogenesis in rat

Olive polyphenols: effects on nerve growth factor (ngf) and brain-derived neurotrophic factor (bdnf) in the mouse brain

Biophenols of table olives: assessment of their bioaccessibility after in vitro gastro-intestinal digestion

The gnotobiotic artemia franciscana model organism system (gart) reveals the prooxidant action of the polyphenol phloroglucinol contributing to vibrio resistance

Phytochemical evaluation of portuguese beers for rationale marketable selection

Glycodiversification of polyphenols – beyond nature's variety

Synthesis of new ferrocene-dehydrozingerone conjugates and evaluation of their biological activity

Towards a resolution of the curcumin bioavailability conundrum

Stability-activity of verbascoside, a known antioxidant compound, at different pH conditions

New synthetic strategy for accessing epi-series catechins- an interesting class of bioactive molecules

The effect of pH on the synergy between phenolic antioxidants in biphasic lipid / water systems

Phenolic composition, antioxidant, anti-hepatocellular carcinoma and hepatotoxic properties of cynara scolymus L. (artichoke)

Effect of long frozen storage and pasteurization on strawberry polyphenols

In vitro antiatherogenic properties of thirteen phenolic-rich herbal infusions

The effect of perinatal dietary flavonoid intake on cognition, brain metabolism, and neurohistology in c57bl/6j mice

Phenolic compounds in decoction, infusion and hydroalcoholic extract of cultivated thyme (thymus vulgaris L.) With bioactive properties

Antidiabetic effects of palm fruit juice (pfj) polyphenols in the Nile rat

Polyphenol profile of German chamomile (matricaria recutita) and its inhibition of COX-2 activity in vitro

Effect of modified atmosphere packaging on ready-to-eat rocket leaves antioxidant activity and polyphenols content

Effect of microwaves on phenolic profile of loquat (Eriobotrya japonica)

A new antibacterial alkenylresorcinol derivative isolated from Hakea sericea fruits

Biomedical products based on flax enriched in phenylpropanoids and polyhydroxybutyrate

Polyphenol-rich extracts from berries could prevent age-related cognitive decline: beneficial effect on spatial learning

Inhibitory enzyme activity of hyaluronidase from borojo (borojoa patinoi cuatrec) extracts

Effect of green tea extract on human fibroblast and type i collagen production

Punicalagin inhibits inflammation in lps-induced raw264.7 macrophages via the suppression of tlr4 mediated maps and nf-kb activation

Effects of dietary polyphenol-rich extra-virgin olive oil on oxidative stress and dna damage in women with cognitive decline

Tannic microgels and their use in biomedical applications

In situ metal nanoparticles preparation within p(acrylamide-tannic acid) interpenetrating polymer networks and their use as catalyst in the reduction of nitrophenols

Preperation and characterization of natural p(tannic acid) hydrogels and their use in catalysis

Biphasic effects of luteolin on interleukin-1 beta-induced cyclooxygenase-2 expression in glioblastoma cells

Ultrasound assisted extraction of antioxidant polyphenols for valorisation of food-industry by-products

Honokiol attenuates antigen-presenting functions of murine microglial cells

Hispolon attenuates the functionality of murine microglial cells

Potential of polyphenolic antioxidants in alzheimer's, epilepsy and stroke

Tannins as new compounds of high activity against neurodegeneration - Implications for Parkinson disease

Red wine protection in a mouse model of fetal alcohol spectrum disorders

Myrica faya: phenolic characterization and antioxidant activity

Lemon balm tea; analysis of phenolic phytochemicals and in vitro activities

Cardiovascular protective effects of dietary polyphenols: a review of current data

Grape stem as a potential source of bioactive polyphenols.

Anti-inflammatory activity of a grape seed extract obtained by pressurized liquids.

Study of the bioavailability of phenolic compounds of a merlot grape seed extract obtained by pressurized liquid extraction.

Synthesis and activity profile of novel sulfur and seleno derivatives of hydroxytyrosol and resveratrol

Exploring seaweeds: the potential of phlorotannins

Characterization of polyphenols from black tea leaves using a high hydrostatic pressure extraction

Prediction of subcritical water extractrion of berberin yield from barberry roots and stems using artificial neural network

Hypoglycemic mechanisms of dietary polyphenols in type 2 diabetes: a review of current data

Protective effect of the polyphenol resveratrol in allergic pulmonary eosinophilic inflammation of obese mice

Restoration effects of artocarpin extracted from artocarpus incisus on

UV-induced alterations in human skin fibroblasts"

Effect of green tea extract loaded microparticles on facial skin; a placebo-controlled double-blind study.

Microarray studies on normal healthy human volunteers supplemented with oil palm phenolics

Comparación del contenido de compuestos fenólicos totales, capacidad antioxidante y factores antinutricios en hojas y granos de amaranto (*Amaranthus hypochondriacus* L.) cultivado bajo ambiente protegido y a campo abierto

The effect of portulaca oleracea seeds on nitrosative stress in asthmatic patients

Neuroprotective properties of several polyphenols in parkinson's disease models: in vitro and in vivo studies

The digestive fate of polyphenols from acai in a simulated model of the gastrointestinal tract

Quercetin diminishes oxidative stress level in the heart of rats bearing dmba-induced mammary tumors

Influence of cultivar, ripeness, drying method, and depectinization on alk(en)ylresorcinols in mango peels (*Mangifera indica* L.)

Chlorogenic acid supplementation resulted in increased insulin resistance and hepatic lipid accumulation in a diet-induced obese mice

7-O-galloylquercetin induces heme oxygenase-1 in RAW264.7 cells

Optimisation of the extraction of phenolic compounds from olive leaves using response surface methodology

Jaboticaba (*Myrciaria jaboticaba* Vell. Berg) peel powder improves inflammatory and oxidative stress markers in animal model of type 2 diabetes"

Neuroprotective role of ϵ -viniferin in a cellular model of Alzheimer's disease

Phytochemical and physicochemical profile of three varieties of *Hibiscus sabdariffa* (Linn)

The phenolic profiles in methanolic extracts and antioxidant activities of microwave-dehydrated mango

Phenolic compounds from cagaita (*Eugenia dysenterica* DC.) fruit reduce body fat accumulation and inflammatory status in C57BL/6 mice fed a high-fat high-sucrose diet

Combination of *Phellinus baumii* and *Savia miltiorrhiza* Bunge extract exert potent antithrombotic effect

Separation and concentration of valuable phenolic compounds from sugars in natural botanic extracts: the case study of carob residues

Antioxidant potential and phenolic compounds characterization of *Arenaria montana* L.

Total phenolic compounds in different species milk. Design of extraction technique for quantification purposes by Folin Ciocalteu method.

Extraction of polyphenols from *Fagopyri herba*: optimization using response surface methodology

Antioxidant profile of bread enriched with wholegrain buckwheat flour

Changes in polyphenols content of rice-buckwheat gluten-free cookies during storage

Blood glucose lowering efficacy of strawberry ellagitannins with different degree of polymerization in rats

Lipophilic flavonoid profile as marker of differentiation between two species of Malagasy *Helichrysum* sharing the same vernacular name, *Rambiazina*.

Effect of anthocyanin-rich bilberry extract on serum glucose levels and TNF- α in rats with impaired glucose tolerance

Influence of four weeks coffee consumption on body fat, energy status and DNA integrity in healthy humans

The potential of flavan-3-ols and their oligomers as neuraminidase inhibitors and limitation of a fluorescence-based assay

Modulation of angiogenic pathways by 8-prenylnaringenin

Stumps of eucalyptus globulus as a source of antioxidant polyphenols

Involvement of the modulation of cancer cell redox status in the anti-tumoral effect of polyphenols

Polyphenols in dietary supplements – sources, quality, use

Polyphenols concentration and antioxidant capacity of fruits usually consumed in brazil

Potential of breadfruit's heartwood extract for preventing uv-induced fibroblast damage

Composition and potential biological effects of polyphenol concentrate from kazakhstan cabernet sauvignon collection of grapes

Polyphenols content and antioxidant activity of corn snacks supplemented with different organic flours during storage

Influence of different chocolates applying on polyphenols content and antioxidant capacity of corn snacks during storage

Contribution of wine phenolic compounds and ethanol to the in vivo endogenous formation of hydroxytyrosol

Detection and quantification of soy isoflavones in human plasma using high-performance liquid chromatography-tandem mass spectrometry

Vegetable wastes to phenolic compounds by anaerobic digestion

The anti-oxidant and anti-inflammatory agent oleocanthal: a study on virgin olive oils from several italian regions

Cocoa polyphenols improves the innate defences in rat intestine

Constituents of raw and roasted coffee affect inflammation

Hormetic induction of antioxidant defenses by phenolic diterpenes possess anti-aging effects in normal human skin fibroblasts

Effect of phenolic compounds and their acetylated derivatives on paf biosynthesis under inflammatory conditions in u-937 cells

Study of the encapsulation of oxyresveratrol by cyclodextrins using reversed phase high pressure liquid chromatography

Phenolic characterization in guava leaves grown in andalusia

Phenolic profile and antioxidant activity of mugwort leaves

Comprehensive phenolic characterization and antioxidant activities of theobroma cacao extract.

Stability of urolithins, ellagitannin-derived metabolites, to simulated gastrointestinal digestion

Pomegranate peel extracts in caries and periodontal diseases: inhibition of oral pathogens growth, biofilm formation and modulation of the host inflammatory response

Valorization of agro-industrial waste residues from vitis vinifera l. And coffea arabica l. Through extraction/hydrolysis by hot compressed water into bioactive topical formulations

Inhibition of transthyretin misfolding and toxicity by polyphenols: In vitro and in vivo evidences towards therapy for familial amyloidotic polyneuropathy "

The effects of orange polyphenols on vascular and cognitive function

Anti-allergic effect of cocoa polyphenols in a food allergy rat model

Evolution pattern of phenolic compounds from olive leaves of six important cultivars during ripening

A diet rich in cocoa polyphenols modifies metabolic profile in rat

Polyphenols in strawberry (*fragaria x ananassa*) leaves induced by plant activators

Polyphenols of the olive oil: information and legal protection

Dependency of flavonoid binding to the iia subdomain of human serum albumin with site and type of flavonoid substitution

The influence of dietary grape pomace on plasma biochemical parameters in weaned pigs"

Antioxidant and antimicrobial activities of two holothuria species of sea cucumber (*h. Tubulosa* and *h. Mammata*) from north tunisian coast: investigation of the inhibitory potentials of fungal tyrosinase

Phenolic compounds of by-product from apple processing

Effect of gut microbiota on anti-inflammatory activity of apigenin and apigenin-trimethylether

Development of intensified processes for the obtention of products rich in b-glucans and phenolic compounds from barley

Effect of drying on the phenolic composition and antioxidant activity of leaves of the thistle (*c. Cardunculus* L.)

Pinosylvin protects retinal pigment epithelial cells from oxidative stress by activating nrf2-mediated antioxidant defence system

Body flavanol metabolites distribution is dependent on the tissue and on the administrated flavanol dose in rats

Effect of experimental conditions on ultrasound-assisted extraction of phenolic compounds and flavan-3-ol from cocoa beans (*theobroma cacao* L.)

Fisetin suppresses aberrant dux4 expression in facioscapulohumeral muscular dystrophy

Gut – brain axis: influence of food polyphenols on the human gut microflora and on metabolic risk markers in healthy subjects

Absorption and metabolism of hydroxycinnamates in rats fed durum wheat aleurone fractions.

Effect of cyclodextrin and temperatura on phenolic compounds extration from red wine pomace

Ellagitannins-enriched fraction from *fragaria vesca* leaves inhibits proliferation and induces cell cycle arrest in the human hepatocellular carcinoma cell line hepg2

Genetic variation of genes involved in polyphenols synthesis and biological activities of identified haplotypes in *cynara cardunculus*

Bioactive compounds and antioxidant activity of mixed fruit-vegetable juices: possible synergistic effect?

Neuroprotective effects of edaravone in experimental hydrocephalus induced in wistar rats

Spent coffee as a potential source of phenolic compounds: bioavailability after in vitro simulated gastroduodenal digestion and intestinal absorption

Spent coffee: a potential (poly)phenolic-rich natural food preservative to control microbial growth

Characterization of three olive waste cakes: bioactive compounds and antioxidant capacity

Characterization of 25 varieties of mexican roselle (*hibiscus sabdariffa*) with potent antimicrobial activity

Polar characterisation of sclerocarya birrea stem-bark extracts with antidiabetic properties

Dietary phytochemical index in relation to changes in hypertriglyceridemic waist phenotype and lipid accumulation product index among adults: tehran lipid and glucose study

An apple a day keeps the doctor away”: the importance of the kind of apple

Pre-veraison and ripe grape seed extract loaded in nanoparticles: intestinal absorption and endothelial progenitor cells protection

High pressure processing increased the phenolic content of minimally processed peaches

Potential benefit from the recovery of polyphenols of commercial interest from the wastewater of the production of spanish-style green olives from the region of mendoza (argentina)

Preventive effects of thai banana's bunch extract on uva-induced fibroblast aging

Changes in phenolic composition of extra-virgin olive oil obtained from azeradj olive variety at different harvest dates

Effect of cupuassu phenolic compounds on glycaemic control in diet-induced obesity and type 2 diabetes in c57bl6 mice

Fat reducing effect of globe artichoke (cynara scolymus) by-product polyphenols using zebrafish animal model

Experimental hydrocephalus: can resveratrol introduce any neuroprotective benefit?

Cognition-enhancing effects of polyphenols-rich extracts from fruits without changes in neuropathology in an animal model of alzheimer's disease

Sour cherry enriched by quince fruits – new products rich in healthy bioactives compounds "

Effect of technological processes on the bioactive properties of cocoa (theobroma cacao l.)

Protective effects of citrus and rosemary extracts on uv-induced damage in skin cell model and human volunteers human

Sustainable intake of pomegranate juice over a 4 weeks-period induces important changes in human faecal phenolic metabolites

Bioactive compounds of rosmarinus officinalis against colon cancer cell lines and histopathological evaluation of oral acute toxicity in rats exposed to the extract

Influence of formulation on phenolic composition of infant cereal foods

Phenolic compounds identification by hplc-dad-esi-tof-ms in different varieties of annona cherimola pulp and peel.

Polyphenol-rich grape extract protects from mitochondrial dysfunction in pc12-cells and ameliorates memory and motor performance in c57bl/6 mice

Determination of phenolic compounds and antioxidant activity of a mediterranean plant: the case of satureja montana subsp. Kitaibelii

Polyphenols ameliorate inflammatory-related pathologies and metabolic disturbances through ampk-dependent mechanism

Modulation of the gut microbiota and phenolic acid production following in vitro fermentation of a seaweed polyphenol

Protective effects of natural antioxidants during acute inflammatory pain: the role of mitochondrial nad+-dependent sirt3 deacetylase

Picea abies and larix decidua barks, as potential source of antioxidant polyphenols

Effect of pulsed electric fields on the anthocyanin content in a mixture of mango, papaya and stevia rebaudiana

Changes in total phenolic and anthocyanin content in a beverage based on exotic fruits during in vitro gastrointestinal digestion

Phenolic composition, anti-inflammatory and antioxidant properties of genista tenera n-butanol extract

Comparative evaluation of the polyphenolic composition of different organs of the medicinal halophyte limonium algarvense

Bioactive compounds and their biochemical effects on mammary and leukemic cancer cell lines

Antioxidant and neuronal pc12 cell protective effects of phenolics from cirsium japonicum dried different conditions

Antioxidant and neuro-protective effects of phenolics from cirsium japonicum cultivated for different three years

Red wine extract as a natural antioxidant: in vivo vs post-mortem use

A new strategy based on nano-liquid-chromatography coupled to time-of-flight mass spectrometry for the characterization and quantification of cranberry phenolic compounds.

Enzymatic acetylation of silychristin and alcoholysis of 23-o-acetyl-silychristin

A polyphenol-rich extract of irish potatoes (solanum tuberosum l.) Decreases body weight gain and adiposity and improves glucose control in the mouse model of diet-induced obesity

Ultrasonic assisted extraction followed by a dispersive solid-phase extraction clean-up in combination with uhplc-fld analysis for determination of α - and δ -tocopherol in lycopersicon esculentum l. From gordal variety

Comparative study of the ability of different capillary columns and detection systems for the analysis of free low-molecular weight polyphenols

Effect of agrimonia eupatoria tea consumption on antioxidant parameters of human subjects

Effect of hydroxytyrosol on motility and permeability in human colon

Phenolic composition and antioxidant activity of cynara cardunculus l. Var. Attilis (dc) extracts

Characterization of extracts obtained from cabernet sauvignon and merlot grape pomace

Enzymatic synthesis of heterodimeric flavonoids with antifungal activity

Bioavailability and tissue disposition of hydroxytyrosol in rats: dose-response study

Black tea waste as a source of antimicrobial phenolics

Green/roasted coffee blend, a healthy option to prevent diabetes and obesity in healthy and moderately hypercholesterolemic humans

Bioavailability of hydroxytyrosol in hydroxytyrosol-enriched biscuits in healthy humans

Study of the pro/antiproliferative effects of green coffee and yerba mate extracts and phenolic compounds on human cancer cell lines

Hydroxylated phenols and dimers: a valuable source of bioactive compounds

Ilex paraguariensis phenolic compounds and their microbial metabolites protect human hepg2 cells against oxidative stress

Influence of geographic origin of green coffee beans on the phenolic and methylxanthine composition and antioxidant capacity

Vermentino phenolic extract triggers apoptosis in caco-2 cells through oxidative stress.

Hydroxytyrosol and tyrosol protect against oxysterols pro-oxidant effect in caco-2 human enterocyte-like cells

Development of pmf-rich extracts from citrus wastes –a promising nutraceutical for chemotherapeutic applications

Polyphenol-rich berries: interaction effects on lipid membranes studied by 31p nmr spectroscopy

Identification of phenolic compounds by micellar electrokinetic chromatography (meck)

Effect of 1-mcp and ethylene post-harvest treatment on phenolic phytochemicals of three cultivars of northern highbush blueberry

Influence of floral origin in antioxidants composition in melipona subnuda duke (jandaíra) honey produced in the region of northeastern brazil

Discovery and biological evaluation of novel benzoquinone and related derivatives that inhibit 5-lipoxygenase"

Role of "sphingolipid rheostat" in mediating the apoptotic effect of luteolin in colon cancer cells

Anthocyanin-rich concentrate recovered from cherry culls can modulate oxidative stress response in human cells

Evaluation of neuroprotective effect of polyphenolic-rich extracts recovered from opuntia ficus indica by-products using pressurized solvent extraction

Biochemical changes in caenorhabditis elegans treated with epicatechin

Bioactivity of a winery byproduct: phenolic composition and biological effects in caenorhabditis elegans

Body flavanol metabolites distribution is dependent on the tissue and on the administered flavanol dose in rats

Effects of the hydrophile-lipophile balance (hlb) and emulsifier concentration on the distribution of the antioxidants in emulsions

Correlation between the hydroxytyrosol derivatives antioxidant efficiency and their distribution in model food emulsions

Red wine polyphenols inhibit the endothelial expression of monocyte adhesion molecules by preventing the activation of nf-kb and ap-1

Phenolic compounds in tea seed oil and their antiproliferative effect in human hepatocarcinoma cancer cell

Characterisation of phenolic compounds in different local apple varieties from aosta valley by lc-ms/ms

Characterisation of phenolic compounds by lc-ms/ms in ancient red grapes typical of aosta valley

Isolation, structure elucidation, phytochemical profiling and antibacterial activity of various species of the genus rhododendron

Total antioxidant capacity and its seasonal variability in diets of women in reproductive age

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