



## Program Overview

<b>Tuesday, 16th April 2013</b>			
8.30-9.30	Welcome and introduction <i>F. Chemat, GENP2013 Organizing Committee Chairman, University of Avignon, France.</i>		
9.30-10.15	Production of plant extracts: from evolution to revolution <i>J. Strube, Clausthal University of Technology, Germany</i>	Chairman	
10.15-10.45	Extraction and purification of artemisinin and co-metabolites in the search for bio-activity synergy <i>A. Lapkin, Cambridge University, UK</i>		
10.45-11.15	Coffee Break – Poster Session		
11.15-12.00	Producing vegetable extracts by supercritical fluid and pressurized liquid extractions <i>A. Meireles, University of Campinas, São Paulo, Brasil</i>	Chairman	
12.00-12.30	Natural fats and oils as green solvents for oleo-eco-extraction <i>A. Rossignol-Castera, Oleos, France</i>		
12.30-14.00	Lunch Break		
	<b>SESSION 1 : PROCESS DESIGN</b>	Chairman	<b>SESSION 2:ALTERNATIVE SOLVENTS</b>
14.00-14.30	Bio-refinery: needs of a scientific strategy of relevant intensification <i>K. Allaf, University of La Rochelle, France</i>		Water: an alternative solvent for green extraction of plant materials <i>J. Wajsman, BASF, BCS, France</i>
14.30-15.00	Integration of eco-extraction in the development of a botanical extract for its use as a dietary ingredient: Insights from the industry <i>A. Bily, Naturex, France</i>		Surfactant-free but structured mixtures and microemulsions as a possible tool to design extraction solvents. <i>W. Kunz, University of Regensburg, Germany.</i>
15.00-15.20	Equipment and processes for plant-based extraction <i>S. Both, Clausthal University of Technology, Germany</i>		Rational design of new-based solvents : application to glycerol derivatives <i>L. Moity, University of Lille, France</i>
15.20-15.40	Systematic research on the selectivity of components in plant-material extraction processes <i>J.B. Bol, ICEET, Austria</i>		High pressure assisted processes : supercritical CO <sub>2</sub> and subcritical water <i>S. Kohnen, Celabor, Belgium</i>
15.40-16.00	Coffee Break – Poster Session		
	<b>SESSION 3: MEDICINAL AND AROMATIC PLANTS</b>	Chairman	<b>SESSION 4 : BIOREFINERY</b>
16.00-16.20	Medicinal and aromatic plants in Morocco, one of the main economic sectors to develop <i>D. Bousta, INMAP, Morocco</i>		Green expression of native odorous molecules from aromatic plants leaves <i>T. Talou, University of Toulouse, France</i>
16.20-16.40	Methodical process design for phytoextracts as a function of characterizing complex mixtures <i>I.Koudous, Clausthal University of Technology, Germany</i>		The valorization of organic-waste: from waste to noble raw material. <i>D. Elothmani, University of Angers, France</i>
16.40-17.00	Extraction of polyphenols from grape seeds by electrical discharges technologies: comparison of arc, streamer and pulsed electric field <i>N. Boussetta, Université de Technologie de Compiègne, France.</i>		From the argan tree to the argan oil <i>S. Gharby, University Mohammed V, Morocco</i>



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9.00-9.45	Plants extraction with green technologies and highly efficient reactors <i>G. Carvotto, University of Turin, Italy</i>	Chairman	
9.45-10.15	Green extraction of plant materials <i>M.Z. Ozel, Green Chemistry Centre of Excellence, University of York, UK</i>		
<b>10.15-10.45 Coffee Break – Poster Session</b>			
10.45-11.30	Towards a comprehensive exploitation of vine–wine and olive tree–oil residues <i>M.D. Luque de Castro, University of Cordoba, Spain</i>	Chairman	
11.30-12.00	Regulating herbal products as food: the U.S. experience <i>M. McGuffin, American Herbal Products Association, USA.</i>		
12.00-12.30	Extraction of natural products: criteria and models for quality, efficacy and safety of drugs, cosmetics and food supplements: the E.U. experience. <i>R. Anton, University of Strasbourg, France.</i>		
<b>12.30-14.00 Lunch Break</b>			
	<b>SESSION 1 : INNOVATIVE TECHNIQUES I</b>	Chairman	<b>SESSION 2: INDUSTRIAL APPLICATIONS I</b>
14.00-14.30	Pulsed electric field extraction <i>E. Vorobiev, Université de Technologie de Compiègne, France.</i>		Recovery of high added-value components from by-products of olives using environmentally friendly techniques <i>A. Nektarios, University of Athens, Greece.</i>
14.30-15.00	Innovative production and extraction technologies for bioactive microbial metabolites. Zippertex and HPHT, subcritical water extraction, SPE and SSE <i>J. Ouazzani, ICSN, CNRS, Gif-sur-Yvette, France.</i>		Canadian perspective of bioactive components eco-extraction from agricultural and forest biomass <i>Y. Boumghar, CEPROCQ, Quebec, Canada.</i>
15.00-15.20	Development of novel extraction process for genipin recovery from genipa americana at moderate temperatures <i>J.C. Contreras Esquivel, Universidad Autonoma de Coahuila, Mexico.</i>		Simulation-assisted process design, analysis and optimization in the biorefinery sector <i>P. De Braeckelaer, CVG, France</i>
15.20-15.40	Cloud point extraction of microalgae cultures <i>P. Glembin, Therma separation process, Hamburg, Germany</i>		Absorption and alternative technologies for recovery and purification of polyphenols: case reports for industrial applications <i>S. Milesi, Purifunction, France</i>
<b>15.40-16.00 Coffee Break – Poster Session</b>			
	<b>SESSION 3: INNOVATIVE TECHNIQUES II</b>	Chairman	<b>SESSION 4 : INDUSTRIAL APPLICATIONS II</b>
16.00-16.20	Kinetics of ultrasound assisted extraction of polyphenols from aronia by-products <i>L. Galvan d'Alessandro, University of Buenos Aires, Argentina</i>		Biorefinery of rapeseed and sunflower seeds, main parameters optimization for the enzymatic extraction <i>L.Muniglia, Biolie, France</i>
16.20-16.40	Solvent free microwave extraction of fresh fruits for recovery of bioactive compounds <i>E. Destandau, ICOA, University of Orleans, France</i>		Solid-liquid extraction using butane or other liquefied gas as solvent <i>A.Vallageas, Celsius, France</i>
16.40-17.00	Optimisation of isolation of essential oil from <i>Pinus pinaster</i> wood wastes by solvent free microwave extraction <i>A.Meullemiestre, University of La Rochelle, France</i>		Sub-critical water extraction <i>J.M. Chiocci, Tournaire, France</i>
<b>17.00</b>			