

List of posters (last updated on 20th June)

Applications and customer needs				
P1	Nardello-Rataj, Véronique	Univ. Lille	France	Antifungal and antibacterial pickering emulsions based on cyclodextrins
P2	Lefeuvre, Yoann	Formulation	France	Static multiple light scattering to characterize emulsions in terms of stability and size
P3	Escudero, Rosa	LEITAT Technological Center	Spain	Mitigation of microplastics impact caused by textile washing processes. MERMAIDS project
P4	Ricci, Michael	UL Information & Insights, Material & Ingredients	United States	Supply Chain and Sustainability: Key Information Drivers and Management Techniques in your internal Supply Chain
P5	Vílchez Maldonado, Susana	Institute of Advanced Chemistry of Catalonia, IQAC-CSIC	Spain	Use of environmentally-friendly chaotropic agents for textile printing
P6	Hayes, Keesha	Procter & Gamble	United States	Delivering Gillette Shaving Benefits via Solid Formulation
P7	Kunz, Werner	University of Regensburg	Germany	Micellar extraction of iris rhizomes using green soap solutions
Characterization, properties and performance				
P8	Bazin, Maxime	Formulation	France	Analysis of fat properties thanks to microrheology
P9	Tisserand, Christelle	Formulation	France	Mean size and dispersibility determination in real and concentrated liquid dispersions with Static Multiple Light Scattering
P10	Lerche, Dietmar	LUM	Germany	Investigation of slow structuring processes in formulations. Interaction of dissolved biomolecules and particles
P11	Aubry, Jean Marie	University Lille 1	France	Estimation of surface tensions using the COSMO-RS sigma-moments: application to emollient oils for cosmetics
P12	Daria, Terescenco	Normandie University, ULH, URCOM	France	Influence of the emollient structure on the properties of cosmetic emulsion containing lamellar liquid crystals
P13	Moravkara, Kailas	Institute of Chemical Technology	India	Comparative study of Acetaminophen Immediate release tablet by three continuous dry granulation techniques: Moisture assisted granulation technique, roller compaction and hot melt extrusion technique.
P14	Sophie, Franceschi	Unversité Paul Sabatier	France	Oil-in-water emulsion stabilization by droplets organogelation: application to drug delivery
P15	Kim, Dae Sung	Korea Institute of Ceramic Engineering and Technology (KICET)	South Korea	Investigation of Miscible Properties of Inorganic-Organic Hybrid Materials Depending on the Surface of Inorganic nanoparticles in Solvents and Polymer Resins
P16	Moreno, Teresa	University of Valladolid	Spain	Spray drying formulation of grape marc polyphenols with natural carriers: stability studies and release properties
P17	Al-Shohani Al-Shohani, Athmar	University College London	United Kingdom	Physical characterization of NIPAAm hydrogels for Avastin delivery
P18	Castelani, Priscila	Oxitenio S.A. Industria e Comercio	Brazil	A Novel Rheology Modifier for Flowable Formulations

P19	Burgos Díaz, César	Agriaquaculture Nutritional Genomic Center, CGNA.	Chile	Evaluation of the release of R-limonene from multilayer oil-in-water (O/W) emulsions submitted to heat treatment
P20	Contant, Sheila	International Iberian Nanotechnology Laboratory	Portugal	Magnetic nanoparticles for cancer diagnosis and treatment: detailed characterization of their physico-chemical, magnetic and relaxivity properties
Design and engineering of formulations. Relationship between structure and performance				
P21	Lim, JongChoo	Dongguk Univerity, Dept. of Chemical and Biochemical Engineering	South Korea	Syntesis of environment friendly biosurfactants based on vegetable oils and Characterization of interfacial properties for cosmetic and household products formulation
P22	Sánchez Domínguez, Margarita	Centro de Investigación en Materiales Avanzados (CIMA V)	Mexico	Fragrance dispensing formulation for sanitizing and odor control in high traffic areas
P23	Nardello-Rataj, Veronique	Univ. Lille, CNRS, Centrale Lille, University of Artois	France	Myricetin, rosmarinic and carnosic acids as superior natural antioxidant alternatives to α -tocopherol for the formulation of oils, cosmetics and fragrances
P24	Summerton, Emily	University of Birmingham	United Kingdom	Low temperature stability of sodium dodecyl sulfate systems
P25	Kamada, Miho	Yokohama National University	Japan	Effect of isomeric form of surfactant on rheological properties of wormlike micellar solutions formulated with bio-based isosorbide surfactants
P26	Aguilera Miguel, Antonio	ENSIC, University of Lorraine	France	Ab-initio approach as product design tool for controlled release of active ingredients from highly concentrated emulsion formulations
P27	Shchipunov, Yury	Institute of Chemistry, Russian Academy of Sciences	Russia	Bionanocomposites formulated with cellulose nanofibrils
P28	DiPaolo, Toni-Bianca	University of Birmingham	United Kingdom	The Formulation of a Stable Suspending Vehicle
P29	Nabavi, Seyed Ali	Cranfield University	United Kingdom	Manufacturing polymeric capsules for encapsulation of liquid absorbents and liquid ion exchange media using glass capilarity microfluidics and on-the-fly photopolimerisation
P30	Nabavi, Seyed Ali	Cranfield University	United Kingdom	Production of spherical molecularly imprinted polymeric particles containing CO ₂ -philic nanocavities
P31	Muñoz, José	University of Seville	Spain	Effects of ethoxilated fatty acid alkanolamide concentration and processing on D-limonene emulsions
P32	Muñoz, José	University of Seville	Spain	Rheology, microstructural characterization and physical stability of W/ α -pinene/W emulsions formulated with copolymers
P33	Reinisch, Jens	COSMOlogic GmbH & Co.KG	Germany	Predicting the interfacial tension of multicomponent liquid-liquid systems with COSMO-RS
P34	Moorhouse, Sian	Syngenta	United Kingdom	Intelligent formulation design to minimise losses due to rain
P35	García-Celma, María José	University of Barcelona	Spain	Influence of crosslinked alginate in highly concentrated emulsion stability and drug release
P36	Singh, Poonam	University of Coimbra	Portugal	Development of microgels from aqueous mixtures of Gelatin and CMC for encapsulation of Probiotics

P37	Zellmer, Sabrina	TU Braunschweig	Germany	Design and mechanics of nanostructured aggregates via spray drying
P38	Joost, Berndt	University of Applied Sciences FHNW - School of Life Sciences	Switzerland	Hot Melt Extrusion: Influence of Operating Parameters and Screw Geometry on Residence Time Distribution and Product's Crystallinity
P39	Adler, Camille	University of Applied Sciences and Arts Northwestern Switzerland	Switzerland	Designing a lipid microstructure on an inorganic carrier for solid drug dispersion formulation
P40	García Manrique, Pablo	University of Oviedo	Spain	Synthesis of controlled-size nanovesicles
P41	Perez-Roman, Ines	Complutense University of Madrid	Spain	Optimization of surfactants in a microemulsion system for oral administration by design of experiments
P42	Vallés, Elisa	University of Barcelona	Spain	Synthesis of highly mesoporous films by means electrodeposition in microemulsions containing ionic liquid
P43	Yucel Falco, Cigdem	University of Copenhagen	Denmark	Hierarchical self-assembly of bacteria using pickering effect and layer by layer technique.
P44	Grace, Jake	Chemspeed Technologies AG	Switzerland	The Faster and Better Systematic Investigation of Both the Raw Material and Process Space
P45	Rincón Fontán, Myriam	University of Vigo	Spain	Adsorption capacity evaluation of a lipopeptide biosurfactant on human hair
P46	Rodríguez López, Lorena	University of Vigo	Spain	Characterization of ionic nature of biosurfactant extracted from corn steep liquor using ionic exchange resins
P47	Ontiveros, Jesús Fermín	University of Lille, ENSCL,	France	Emulsification of viscous mineral oil by catastrophic phase inversion with non-ionic surfactants
P48	Vecino Bello, Xanel	University of Minho	Portugal	Essential oil-water emulsions containing a biosurfactant from <i>Lactobacillus paracasei</i>
P49	Vecino Bello, Xanel	University of Minho	Portugal	The influence of the medium composition on the biosurfactants produced by <i>Lactobacillus paracasei</i>
P50	Miras Hernandez, Jonathan	Institute of Advanced Chemistry of Catalonia, IQAC-CSIC	Spain	Hafnia-silica cryogels catalytic properties controlled by their porous structure
P51	Peeters, Guus	Coca-Cola Services	Belgium	Emulsification properties of steviol glycosides
P52	Magaña Rodríguez, José Rodrigo	Institute of Advanced Chemistry of Catalonia (IQAC-CSIC)	Spain	Phase Behavior of a Diglycerol-Based Surfactant: Formation of Stable Hexosome Dispersions for Drug Delivery Applications

Formulations for biomedical needs

P53	Pavel, Ileana Alexandra	SRS MC UMR 7565, University of Lorraine	France	Towards functional foods through engineering of β -galactosidase carriers
P54	Blin, Jean-Luc	University of Lorraine	France	Formulation of a nano-emulsions-based system for loading and releasing of Ketoprofen
P55	Vauthier, Christine	Institut Galien Paris Sud, UMR CNRS 8612, Univ Paris-Sud	France	Mucoadhesive property of paclitaxel encapsulated into copaiba oil containing poly(isobutylcyanoacrylate) nanocapsules coated with chitosan
P56	Maruti Gejage, Santosh	Institute of Chemical Technology, Mumbai. INDIA	India	Nanoemulsion (NE) containing hydrogel formulations of tacrolimus for the treatment of psoriasis
P57	Garti, Nissim	Hebrew University of Jerusalem, Casali Institute of Applied Chemistry	Israel	Two simultaneous processes of extraction and solubilization of astaxanthin by dilutable microemulsions

P58	Cañadas Enrich, Cristina	University of Barcelona	Spain	PLGA nanoparticles as a novel approach for ophthalmic delivery of pranoprofen in vitro cytotoxicity studies
P59	Beldengrün, Yoran	Institute of Advanced Chemistry of Catalonia (IQAC-CSIC)	Spain	Cross-linked microgels, produced by water-in-water-emulsions, as delivery system for enzymes
P60	Roig, Ferran	University of Barcelona	Spain	Hyaluronan hydrogels with ionic liquids based on ketoprofen as drug delivery systems
Fundamental science, physico-chemical principles and mechanisms in formulation				
P61	Vauthier, Christine	Institut Galien Paris Sud, UMR CNRS 8612, Univ Paris-Sud	France	Formulation of low containing surfactant O/W microemulsion with high volume fraction of copaiba oil: a rational approach based on a match of solubility parameters between surfactant and oil components
P62	Rowenczyk, Laura	Normandie University	France	Physical aging of emulsions containing coated TiO ₂ nanoparticles: interaction between nanoparticles and other ingredients.
P63	Ontiveros, Jesus F	Ecole National Supérieure Chimie Lille	France	Flow focusing microfluidic emulsification: Formulation variables impact in flow behavior
P64	Pawar, Jaywant	Institute of Chemical Technology	India	Solid crystal suspensions: an approach for dissolution rate enhancement of favirenz by hot melt extrusion
P65	Santos García, Jenifer	University of Sevilla	Spain	Formulation and optimization of emulsions based on fennel essential oil and EO/BO block copolymer surfactant
P66	Burgos Mármol, José Javier	University of Manchester	United Kingdom	Modelling the micelation behavior of ionic surfactants
P67	Drelich, Audrey	Université de Technologie de Compiègne	France	Problem of cmc determination for amphiphilic molecules having a Krafft point
P68	Auriol, Mélodie	Centre de Recherche Paul Pascal	France	Influence of physicochemical interactions between particles and organic compounds on mineral foams stability
P69	Shegokar, Ranjita	DFE Pharma	Germany	Adequate Flow Properties for Consistent Tableting: A Case Study on Lactose and MCC
P70	Royer, Maxime	IFMAS	France	Classification of oils using the phase inversion temperature of C10E4/n-octane/water emulsions and comparison with required HLB.
P71	Dubuisson, Pauline	Normandie University	France	Compared impacts of xanthan gum content and oil phase ratio on the stretching properties of cosmetic emulsions
P72	Wolfrum, Stefan	University of Regensburg	Germany	Clear food solutions of Rebaudioside A and Sodium Oleate at neutral pH
P73	Plamen Kirilov	Lab. de Pharmacie Galénique Industrielle	France	Dynamic interfacial tensions and emulsifying properties of some secondary alkanesulfonates
P74	Vecino Bello, Xanel	University of Minho	Portugal	Antimicrobial study of biosurfactants from Lactobacillus strains against skin pathogens
P75	Illous, Estelle	University of Lille	France	Salt tolerance of commercial surfactants and prediction of the cloud point of nonionic surfactants in presence of salt
P76	Kamalul Aripin, Nurul Fadhilah	Universiti Teknologi MARA	Malaysia	Characterisation of the head group and hydrophobic regions of glycosides vesicles' membrane using steady state fluorescence technique
P77	Awwad, Sahar	UCL, School of Pharmacy	United Kingdom	In vitro half life and binding of bevacizumab from NIPAAm hydrogels

P78	Balloni Rabelo, Rodrigo	Oxiteno S.A.	Brazil	Non-emulsifiers for completion brines: adapting chemical formulations to Brazilian oilfield challenges
P79	Santamaría Hernández, Esther	University of Barcelona	Spain	Preparation and characterization of iota carrageenan spheres gelled by calcium ions. Comparative study between rheometer and texturometer characterization

Nanoformulation: Integrating nanomaterials in formulation and formulating at the nanoscale

P80	Buhecha, Mira	University of Brighton	United Kingdom	Characterization of theophylline and budesonide encapsulated PLA nanoparticles
P81	Lim, Jong Choo	Dept. of Chemical and Biochemical Eng., Dongguk Univ.	South Korea	Surface modification of calcium carbonate nanoparticles by fluorosurfactant
P82	Balfagon, Alberto	Instituto Químico de Sarriá (University Ramon Llull)	Spain	Encapsulation and release study of active ingredients in mono-bilayer chitosan nano-microparticles
P83	Boateng-Marfo, Yaa	Institute of Chemical and Engineering Sciences (A*STAR)	Singapore	Intravenous Human Serum Albumin (HSA)-Bound Artemether Nanoformulation for Treatment of Severe Malaria
P84	Fréville, Vianney	École de Biologie Industrielle	France	Development of nanoemulsions formulated from Brazilian raw materials for dermocosmetic applications
P85	Hesselbach, Jutta	Technical University Braunschweig	Germany	Formation and mechanical properties of thin coatings using modified, cross-linked nanoparticles
P86	Kim, Jin Joo	Korea Atomic Energy Research Institute	South Korea	Design and fabrication of radioisotope-based micro battery
P87	Finke, Benedikt	TU Braunschweig	Germany	Scale-up of kneading processes for nanoparticulate suspensions
P88	Fonseca Vianna Lopez, Renata	University of São Paulo	Brazil	Development of a nanoemulsion for topical photodynamic therapy
P89	De Neve, Lorenz	University of Ghent	Belgium	Effect of ionic strength and temperature on the critical micelle concentration of poloxamer 338
P90	Amantia, David	Leitat Technological Center	Spain	Surfactants bilayers onto TiO ₂ P25 as hydrophobic compound carrier
P91	Walz, Michael	University of Stuttgart	Germany	Investigation of new bio-based nanoparticles-in-microparticles formulations by spray-drying
P92	Pérez García, Sergio Alfonso	Centro de Investigación en Materiales Avanzados SC	Mexico	Surface analysis of binary nanoparticles' systems as self-cleaning coatings
P93	Pérez García, Sergio Alfonso	Centro de Investigación en Materiales Avanzados SC	Mexico	Towards the preparation of functionalized graphene oxide for hydrophobic coatings
P94	Abreu, Marcelle	University of Barcelona	Spain	Polymeric nanoparticles stabilized by spray dryer
P95	Escribano, Elvira	Faculty of Pharmacy, University of Barcelona	Spain	Topical delivery of a lipidic polyphenol from nano-emulsions and solid lipid nanosystems