



6th
European Conference on
Cyclodextrins
Santiago de Compostela
October 2-4, 2019

FLASH COMMUNICATIONS

| CODE | AUTHORS | TITLE |
|-------------|--|--|
| F1 (PO-01) | Jaime Conceição, Xián Farto-Vaamonde, Alvaro Goyanes, Oluwatomide Adeoye, Angel Concheiro, Helena Cabral-Marques, José Manuel Sousa Lobo, Carmen Alvarez-Lorenzo | Development of 3D printed tablets via semisolid extrusion containing carbamazepine/hydroxypropyl- β -cyclodextrin inclusion complexes and cellulose ethers |
| F2 (PO-02) | Safiye Akkın, Nurbanu Demirtürk, Gamze Varan, Juan M. Benito, Erem Bilensoy | Erlotinib-encapsulated amphiphilic α - and β -CD nanoparticles preparation and in vitro characterization |
| F3 (PO-03) | Pitsiree Praphanwittaya, Thorsteinn Loftsson | Effect of acidic ternary salts on dovitinib/cyclodextrin solubilization and complexation |
| F4 (PO-04) | Lisa Samuelsen, René Holm, Audrey Lathuile, Christian Schönbeck | Prediction of stability constants as a function of pH for cyclodextrin complexes |
| F5 (PO-05) | Maria Aurora Grimaudo, Sara Nicoli, Patrizia Santi, Angel Concheiro, Carmen Alvarez-Lorenzo | Inserts of hyaluronan and hydroxypropyl- β -cyclodextrin for cyclosporine delivery to ocular surface |
| F6 (PO-06) | Leire Goñi, Itziar Vélaz | TiO ₂ nanoparticles modified with α - and β -cyclodextrins. Food preservatives release studies. |
| F7 (PO-07) | Carlos Pelegrín, Marina Ramos, Alfonso Jiménez, Artur J. M. Valente, María del Carmen Garrigós | Encapsulation of natural antioxidants from olive oil extracts in cyclodextrins for food industrial applications: synthesis and characterization |
| F8 (PO-08) | Max Petitjean, Sergio Ardanza-Trevijano, José Ramón Isasi | Selective sorption of volatile phenols by mixed polysaccharides/cyclodextrins matrices |
| F9 (PO-09) | Mirian Sánchez, Mariana Landín | Stabilization of fish oil emulsions rich in ω -3 for topical use |
| F10 (PO-10) | Carlos A. García-González, Víctor Santos-Rosales, Clara López-Iglesias, Carmen Alvarez-Lorenzo, Angel Concheiro, José Luis Gómez-Amoza | Supercritical fluid technology: a green alternative for the processing of cyclodextrin-based materials |
| F11 (PO-11) | Askar Gatiatulin, Marat Ziganshin, Valery Gorbachuk | Enhanced inclusion capacity of natural cyclodextrins by method of solid-phase guest exchange |
| F12 (PO-12) | Ming Gao, Lin Ye, Ai-ying Zhang, Zeng-guo Feng | Polyrotaxanes formed from click chemistry of polypseudorotaxanes comprising azide-terminated PHEMA and β -CDs with propargylamine substituted β -CDs |
| F13 (PO-13) | José L. Jiménez Blanco, Manuel González Cuesta, Laura Gallego-Yerga, Valentín Ceña, Carmen Ortiz Mellet, José M. García | Precision macromolecular synthesis towards monodisperse multifunctional cyclodextrins |



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| | Fernández | |
|-------------|---|---|
| F14 (PO-14) | Cem Varan, Anastasia Andrea Anceschi, Serhat Sevli, Natascia Bruni, Leonardo Giraudo, Francesco Trotta, Erem Bilensoy | Cyclodextrin-based nanosponges for organic toxic molecule removal from gastrointestinal fluid |
| F15 (PO-15) | José A. Pellicer, María Isabel Rodríguez-López, María Isabel Fortea, Vicente M. Gómez-López, José A. Gabaldón, Estrella Núñez-Delicado | Removing of Direct Red 83:1 from waste water using cyclodextrin polymers |
| F16 (PO-16) | Matthias Hayduk, Jens Voskuhl | Cyclodextrin derivatives with aggregation-induced emission as a versatile read-out tool for biomolecule recognition |
| F17 (PO-17) | Ana M. Ares-Fuentes, Rosa A. Lorenzo, Angel Concheiro, Antonia M. Carro, Carmen Alvarez-Lorenzo | New sorbent material based on β -cyclodextrin-grafted paper for selective removal of diclofenac |
| F18 (PO-18) | Alessandro Triolo, Fabrizio Lo Celso, Olga Russina | Solvation of Cyclodextrins in (protic) ionic liquids and Deep Eutectic Solvents |
| F19 (PO-19) | Rareş Ionuţ Ştiufiuc, Valentin Toma, Romulus Tetean, Gabriela Fabiola Ştiufiuc, Vasile Chiş, Constantin Mihai Lucaci | The role of cyclodextrins in chiral separation of pharmaceutical compounds by means of SERS |
| F20 (PO-20) | Ángel Piñeiro, Pablo F. Garrido, Martín Calvelo, Rebeca García-Fandiño | Tricks for computational simulations of cyclodextrin complexes |
| F21 (PO-21) | Ana I. Carbajo-Gordillo, Gonzalo Rivero, José L. Jiménez Blanco, Juan M. Benito, Concepción Tros de Ilarduya, Carmen Ortiz Mellet, José M. García Fernández | Multifunctional cyclooligosaccharides: connecting nucleic acids and proteins |
| F22 (PO-22) | Giovanna Cutrone, Xue Li, Juan M. Casas-Solva, Mario Menendez-Miranda, Jingwen Qiu, Gabor Benkovics, Milo Malanga, Luis García-Fuentes, Ruxandra Gref, Antonio Vargas-Berenguel | Mannosylated, PEGylated and TEGylated cyclodextrin phosphate derivatives as coating agents for MIL-100(Fe) metal-organic frameworks for biomedical applications |
| F23 (PO-23) | Fernando Notario-Pérez, Raúl Cazorla-Luna, Araceli Martín-Illana, Aitana Tamayo, Roberto Ruiz-Caro, María-Dolores Veiga | Structural characterization of 2-Hydroxypropyl- β -cyclodextrin/Hydroxypropyl methylcellulose/Tensioactive mixed vaginal gels |
| F24 (PO-24) | Margarita Valero, Cécile A. Dreiss | Cyclodextrins controlled release of Salicylate from Pluronic F127 polymeric micelles |
| F25 (PO-25) | Annalaura Cordaro, Roberto Zagami, Eva Fenyvesi, Milo Malanga, Angela Scala, Magali Cucchiari, Carmen Alvarez-Lorenzo, Anna Piperno, Antonino Mazzaglia | Novel cyclodextrin-based nanoplatfoms for the treatment of osteoarthritis |
| F26 (PO-26) | Amelia Anderson, Matthew O'Connor | Cyclodextrins as active pharmaceutical agents to treat diseases of aging |