



EuroCD 2025

9-12 September 2025
Politecnico di Milano, Italy

Detailed Day-by-day Program

Tuesday 9th September

11:00 - 15:30	Registration	
15:30 - 16:00	<i>Chair:</i> Andrea Mele Opening Isabella Nova - <i>Deputy rector</i> Marinella Levi - <i>Head of Department</i>	
16:00 - 16:40	PL1	Frank Biedermann Challenges in the determination of binding constants: the role of fitting algorithms, improved assay design, and open-access solutions
16:40 - 17:00	<i>Chair :</i> Francesco Trotta	
16:40 - 17:00	KN1	Gjylije Hoti Evaluation of cross-linking density and monomer composition in cyclodextrin-based nanosponges using a multi-technique approach
17:00 - 17:20	OP1	Marco Agnes CD-polymers as supramolecular, hydrophilic platforms for phototriggered multicomponent reactions in flow
17:20 - 17:40	OP2	Kasper S. Hedergaard Immobilization of amphiphilic cyclodextrins on polypropylene by dip coating for PFAS removal
17:40 - 18:00	OP3	Sébastien Rigaud Characterization of cyclodextrin–chlorhexidine interactions for the formulation of an eye drop against infectious Keratitis
18:00 - 18:20	OP4	Maddalena Sguizzato Cyclodextrin-based supramolecular systems for polyphenols oral delivery: in vitro markers for in vivo permeation
18:45 - 21:00	Welcome cocktail	

Wednesday 10th September

8:30 - 9:00	Registration	
9:00 - 9:40	<i>Chair :</i> Caitriona O'Driscoll	
9:00 - 9:40	PL2	Andreas Bernkop-Schnürch Thiolated cyclodextrins in drug delivery
9:40 - 10:00	OP5	Antonino Mazzaglia Nanohybrids based on amphiphilic β -cyclodextrin for magnetic delivery of a morphogen in microfluidic environments
10:00 - 10:20	OP6	Vincent Dumouilla Complexation of cyclodextrin derivative with API's: an insilico approach
10:20 - 10:40	OP7	Noemi Bognanni Nanoparticles based on cyclodextrins polymers positively charged as drug delivery systems against glioblastoma
10:40 - 11:00	Coffee	
11:00 - 11:20	<i>Chair :</i> Fabiana Quaglia	
11:00 - 11:20	KN2	Lucio Melone Cyclodextrin-based polynitroxides for in vivo imaging
11:20 - 11:40	OP8	Nicolas Tinet Cyclodextrin-AHL hybrids: synthesis, characterization and effects on the LuxR-regulated bioluminescence
11:40 - 12:00	OP9	Anita Kiss Continuous chiral separation of rac-voriconazole on liquid stationary phase containing cyclodextrins as chiral selectors
12:00 - 12:20	OP10	Cristina Parisi Light-responsive cyclodextrin-based platforms for controlled nitric oxide release
12:20 - 12:40	OP11	Mary McNamara Evaluation of a drug delivery system based on cycldextrins
12:40 - 13:00	OP12	Daniel Ondo Minireview on thermodynamics of aqueous surfactant-cyclodextrin complexes
13:00 - 14:10	Lunch	
14:10 - 14:30	<i>Chair :</i> Lucio Melone	
14:10 - 14:30	OP13	Jindřich Jindřich Cyclodextrin-drug conjugates – synthesis and study of their properties
14:30 - 14:50	OP14	Saverio Aliberti Complexes from β -cyclodextrin derivatives for water-borne UV-curable semiconductive nanocomposites with in situ AgNPs/PEDOT:PSS
14:50 - 15:10	OP15	Milena Sorrenti Cyclodextrins as enabling excipients for nasal dimethyl fumarate formulations
15:10 - 15:30	OP16	Yareli Rojas-Aguirre Unraveling niclosamide–HP β CD interactions: from complexes to aggregates
15:30 - 16:40	Poster session & Coffee	
16:40 - 18:00	Flash Presentations	
18:30 - 21:00	Guided tour	

Thursday 11th September

9:00 - 9:40	<i>Chair:</i> Maria Enrica Di Pietro	
9:00 - 9:40	PL3	David H. Thompson Development of an agile nucleic acid delivery system using polycationic cyclodextrins and elastin-like polypeptides in a layer-by-layer approach
9:40 - 10:00	OP17	Francesca Laneri Mixed β - γ -cyclodextrin branched polymer with multiple photo chemotherapeutic cargos
10:00 - 10:20	OP18	François-Xavier Legrand Toxicological profiling of cyclodextrin-based deep eutectic solvents: In-vivo study on organ function and gut microbiota
10:20 - 10:40	OP19	Ana-Maria Resmerita Supramolecular materials based on cross-linked polyrotaxanes for optoelectronics
10:40 - 11:00	Coffee	
11:00 - 11:20	<i>Chair :</i> Carmen Popescu	
11:00 - 11:20	OP20	Damien Truffin & Julien Parcq CRYSMEB® : a « new » tool in the excipient market.
11:20 - 11:40	OP21	Carmen Alvarez-Lorenzo Cyclodextrin-aided repurposing of disulfiram-loaded electrospun nanofibers for glioblastoma therapy
11:40 - 12:00	OP22	Elisabetta Lacolla Comparative study of β - and γ -cyclodextrins functionalizations for polysaccharide system grafting
12:00 - 12:20	OP23	Sylvain Laclef Enhancement of natural cyclodextrin's structural rigidity via primary alcohol-to-nitrile or amide transformation. Evaluation of the complexation properties
12:20 - 12:40	OP24	Adrian Matencio DEWY: Biodegradable nanosponge-based hydrogel for sustainable water management in viticulture
12:40 - 13:00	OP25	Balazs Kondoros A little cyclodextrin here, a little cyclodextrin there
13:00 - 14:10	Lunch	
14:10 - 14:30	<i>Chair :</i> Fabrizio Caldera	
14:10 - 14:30	KN3	Sophie Fourmentin Innovative one-step SUPRADES extraction: Enhancing bioactive compound recovery
14:30 - 14:50	OP26	Giuseppe Nocito A supramolecular assembly made with sulfobutylether- β -cyclodextrin and magnetic Fe ₃ O ₄ showing water remediation properties
14:50 - 15:10	OP27	Paolo Di Gianvincenzo Preparation, characterization and activity of anticancer drugs encapsulated in β -cyclodextrin nanosponges
15:10 - 15:30	OP28	Yoshinori Takashima Exploring enzymatic degradation, reinforcement, recycling and upcycling of poly(ester)s-poly(urethane) with cyclodextrin as crosslinks
15:30 - 15:50	OP29	Mariachiara Trapani Supramolecular hybrid materials composed of metals and cyclodextrines for health applications
15:50 - 17:00	Poster session & Coffee	
17:00 - 18:20	Flash Presentations	
20:30 - 23:00	Social dinner	

Friday 12th September

9:00 - 9:40	<i>Chair :</i> Tamas Sohajda	
9:00 - 9:40	PL4	Ruxandra Gref Drug delivery systems based on cyclodextrins to treat severe infections
9:40 - 10:00	OP30	Daniel I. Hădărugă Cyclodextrin-assisted bio-click chemistry applied for obtaining maritime pine bark extract-based and silymarin-based lipopolyphenols by enzymatic synthesis
10:00 - 10:20	OP31	Antonella Vitiello Harnessing HP- β -CD in zein edible coatings for enhanced food preservation
10:20 - 10:40	OP32	Siddanth Saxena Understanding the kinetics of eugenol adsorption and release through β -CD based microcapsules and metal organic frameworks
10:40 - 11:00	Coffee	
11:00 - 11:20	<i>Chair :</i> Franca Castiglione	
11:00 - 11:20	KN4	Milo Malanga Greener rings: Sustainable strategies for cyclodextrin derivatives
11:20 - 11:40	OP33	Michal Řezanka Advanced cyclodextrin-functionalized systems for water purification
11:40 - 12:00	OP34	Askar Gatiatulin Cyclodextrins and entropy: lighting up grey zone
12:00 - 12:20	OP35	Bettina Rávai Identification and characterization of mono-(6-sulfinic acid)-sugammadex: A novel oxidative impurity in sugammadex production
12:20 - 12:40	OP36	Angela Scala Harnessing the power of β -CD-functionalized star-PLA for doxorubicin delivery in osteosarcoma cells
12:40 - 13:15	1st T. Loftsson Award	
13:15 - 13:30	Concluding remarks	