



EuroCD 2023

PROGRAM GUIDE

EUROCD 2023

7th European Cyclodextrin Conference

September 5-8, 2023, Budapest

Organized by: CycloLab Ltd.

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EuroCD 2023

7th European Conference on Cyclodextrins
5-8 September 2023 | Budapest, Hungary

Welcome to the 7th European Cyclodextrin Conference!

The cyclodextrin market continues to expand year by year. Nowadays, nearly 200 active ingredients are marketed in the form of various cyclodextrin-enabled formulations. Also, the publication dynamics shows an ever-increasing trend. The objective of EuroCD2023 is to give the chance for the participants for sharing developments, exchange ideas and initiate future collaboration.

At the forefront of the EuroCD2023 will be the various pharmaceutical applications including the latest results in drug delivery, nanotechnology, gene/RNA delivery and pipelines in cyclodextrin-enabled drug formulations. New technologies, such as 3D printing, high speed electrospinning and flow chemistry for cyclodextrin-enabled drug formulations will be demonstrated. Other key areas will be the biological effects of cyclodextrins in close connection to cyclodextrins as active pharmaceuticals against neurodegenerative diseases, gout, atherosclerosis and tuberculosis. Novelties in cyclodextrin production, food, and environmental applications are also significant aspects of the conference. The new developments in the synthesis of biobased and bioinspired cyclodextrin derivatives using also nonconventional methods such as mechanochemistry will be also highlighted. Both theoretical works and applied research have their importance in the program. The very first results on the effect of space travel of cyclodextrin complexes will be introduced.

The two-and-a-half-day agenda offers networking with academic researchers and industrial stakeholders. We plan to continue the traditions of this conference series (2009 Aalborg, Denmark; 2011 Asti, Italy; 2013 Antalya, Turkey; 2015 Lille, France; 2017 Lisbon, Portugal; 2019 Santiago de Compostela, Spain) with a special focus on young researchers and students. The aim of the meeting series is to provide a European platform for the enhancement of the scientific knowledge on cyclodextrins and to promote exploitation of their unique properties in various applications.

We sincerely hope you will enjoy these three days of discussion, and you will also find networking opportunities. Thank you for your participation.

Chairs of conference

- Éva Fenyesi
- Lajos Szente
- Levente Szócs



EuroCD 2023

7th European Conference on Cyclodextrins
5-8 September 2023 | Budapest, Hungary

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CONFERENCE AGENDA

	5th Sep Tuesday	6th Sep Wednesday	7th Sep Thursday	8th Sep Friday
8.30-9.00		Opening ceremony		
9.00-10.30		Session 1: Cyclodextrin production, enzymology + Short presentations #1 <i>Chairs: James D. (J.D.) Pipkin, Carmen Popescu</i>	Session 4.2: Cyclodextrins in drug delivery <i>Chairs: Carmen Alvarez Lorenzo, Levente Szócs</i>	Session 8: Analysis of cyclodextrins and their application in sensing and imaging <i>Chairs: Sophie Fourmentin, Ilse Manet</i>
10.30-11.00		Coffee break	Coffee break	Coffee break
11.00-13.00		Session 2: Synthesis of cyclodextrin derivatives <i>Chairs: Eric Montiller, Juan Manuel Benito</i>	Session 5: Biological effects of cyclodextrins <i>Chairs: Lajos Szenté, Antonino Mazzaglia</i>	Session 9: Agri-food applications + Short presentations #3 <i>Chairs: Adrián Matencio, István Puszkás</i>
13.00-14.00		Lunch	Lunch	Closing ceremony / Lunch
14.00-15.00		Poster session 01	Poster session 02	
15.00-16.30		Session 3: Cyclodextrin complexes, self-assembly <i>Chairs: Véronique Bonnet, Zoltán Fülöp</i>	Session 6: Cyclodextrins in gene delivery + Short presentations #2 <i>Chairs: Calitrona, O'Driscoll, Roberta Cavalli</i>	
16.30-17.00		Coffee break	Coffee break	
17.00-18.30		Session 4.1: Cyclodextrins in drug delivery <i>Chairs: Bernard Martel, Francesco Trotta</i>	Session 7: Environmental applications <i>Chairs: Gustavo Gonzalez-Gaitano, Eva Fenwesi</i>	Tour to the Castle
18.30-19.00	Registration	Dinner at Sir Lancelot Medieval Restaurant 18.30 meeting at the reception	Gala dinner 19.15: meeting at the reception	
19.00-				
19.30-	Get together party			



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KEYNOTE SPEAKERS



**EuroCD
2023**

Andreas BERNKOP-SCHNÜRCH
Head of the Institute of Pharmacy
University of Innsbruck

Title: Thiolated Cyclodextrins: Mimicking the Workhorses of Our Body



Carmen Isabel ALVAREZ LORENZO
Professor of Pharmacy and
Pharmaceutical Technology
University of Santiago de Compostela

Title: 3D printing of cyclodextrins for biomedical applications



Gustavo GONZÁLEZ-GAITANO
Head of Department | Director
Professor of Physical Chemistry
Department of Chemistry
University of Navarra, Spain

Title: Cyclodextrins, Surfactants and Self-assembly



Jindřich JINDRICH
Head of the Department of Organic
Chemistry
Faculty of Science, Charles University,
Prague

Title: Positively charged cyclodextrins - from
selectors to anchors



Juan M. BENITO
Research Professor
Institute for Chemical Research, CSIC
University of Sevilla, Spain

Title: Advancing Synthetic Viruses via Hierarchical
Cyclodextrin Self-Assembling



Levente SZÓCS
Research and Development Director
CycloLab R&D Ltd.

Title: The real DIMEB! The truth behind CAS number
51166-71-3



Oliver MINGE
Head of Innovation
Wacker Chemie AG – Biosolutions

Title: Cyclodextrins in Food Applications – an Industrial Perspective (ECC23)



Sophie BEEREN
Associate Professor
Technical University of Denmark

Title: Templated enzymatic synthesis of δ -cyclodextrin



Stanisław WACLAWEK
Head of the Environmental Catalysis
Laboratory
The Institute for Nanomaterials, Advanced
Technology and Innovation | Technical
University of Liberec, Czech Republic

Title: Cyclodextrin-based materials for water treatment



Tibor VELLAI
Head of Department, Department of
Genetics
Eötvös Loránd University, Budapest,
Hungary

Title: Cyclodextrin derivatives induce autophagy in animals models. Studying neuroprotective and anti-aging effects.



AGENDA

Scan QR codes to instantly access abstracts for each day of the conference.



6th September
Wednesday



7th September
Thursday



8th September
Friday



Poster
session



**EuroCD
2023**

6TH SEPTEMBER, WEDNESDAY

8:30 – Opening

8:40 – József Szejtli 90: A tribute to Pioneer

Lajos Szente

9:00 – 10:30 Session 1: Cyclodextrin production, enzymology + Short presentations #1

Chairs: Oliver Minge, Carmen Popescu

- | | | |
|-------------|-------|---|
| 9:00-9:30 | KN-01 | Templated enzymatic synthesis of δ-cyclodextrin (25+5')
<i><u>Sophie R. Beeren</u></i> |
| 9:30-9:45 | O-01 | Modified cyclodextrins can be accessed from enzyme-mediated dynamic combinatorial libraries (10+5')
<i><u>Dennis Larsen, Juliane Sørensen, Sophie R. Beeren</u></i> |
| 9:45-9:51 | S-01 | Effective and simple di-functionalisation of β-cyclodextrin (6')
<i><u>Christopher J. Hobbs, Michal Řezanka</u></i> |
| 9:51-9:57 | S-02 | Freestanding composites material films obtained by cross-linking of polyethylene glycol polyrotaxane and polyisoprene/semi-rotaxane with 2-hydroxypropyl-β-cyclodextrins (6')
<i><u>Ana-Maria Resmerita, Aurica Farcas</u></i> |
| 9:57-10:03 | S-03 | Anticancer drug: cyclodextrin inclusion complex loaded PCL filament; preparation and characterization for 3D printed intrauterine device (6')
<i><u>Cem Varan, Davut Aksüt, Murat Şen, Erem Bilensoy</u></i> |
| 10:03-10:09 | S-04 | In vitro characterization of paclitaxel-loaded cyclodextrin nanoparticles: first steps in the evaluation of Abraxane® nanosimilar product development (6')
<i><u>Ece Çobanoğlu, Cem Varan, Erem Bilensoy</u></i> |

- 10:09-10:15** S-05 **Encapsulation of the olive oil phenolic component hydroxytyrosol in cyclodextrin-based nanosponges: future perspective on the development of polymeric nanoparticles for blood brain barrier model (6')**
Gjylije Hoti, Fabrizio Caldera, Ibrahim Hussein, Sara Er-Rahmani, Francesco Trotta
- 10:15-10:21** S-06 **Polymeric cyclodextrins for intra-articular therapy: novel nanoassemblies fighting localized inflammation in osteoarthritis (6')**
Nina Burduja, Angela Scala, Milo Malanga, Anna Piperno, Antonino Mazzaglia
- 10:21-10:27** S-07 **γ -cyclodextrin-phloroglucinol inclusion complex – preparation, characterisation and in vitro antioxidant action in media that mimic the digestive tract (6')**
Marcelo D. Catarino, Beatriz S. Baía Costa, Ana Rita Circuncisão, Artur M. S. Silva, Susana M. Cardoso, Susana S. Braga

10:30 – 11:00 Coffee break

11:00 – 13:00 Session 2: Synthesis of cyclodextrin derivatives

Chairs: Eric Monflier, Juan Manuel Benito

- 11:00-11:30** KN-02 **Positively charged cyclodextrins – from selectors to anchors (25+5')**
Jindřich Jindřich
- 11:30-11:45** O-02 **Confinement of transition metals with cis-chelating cyclodextrin- based ligands opening the way to new perspectives in ethylene oligomerization and photoluminescence (10+5')**
Dominique Armspach, Tuan-Anh Phan, Yang Li
- 11:45-12:00** O-03 **Per-thiolation of cyclodextrins: synthesis and applications (10+5')**
Gergely Kali, Soheil Haddadzadegan, Andreas Bernkop-Schnürch

- 12:00-12:15** O-04 **Manufacturing dimerized cyclodextrins for reversal of cardiovascular disease (10+5')**
Keivan Sadrerafi, Milo Malanga, Amelia M. Anderson, Daniel M. Clemens, Matthew S. O'Connor
- 12:15-12:30** O-05 **The good, the bad, and the ugly: mechanochemical derivatization of cyclodextrins (10+5')**
László Jicsinszky, Fabio Bucciol, Giancarlo Cravotto
- 12:30-12:45** O-06 **Cyclodextrin-based polynitroxides for in vivo imaging (10+5')**
Lucio Melone
- 12:45-13:00** O-07 **Cyclodextrins in the world of continuous-flow chemistry and capsaicinoids (10+5')**
Erika Bálint, János Máté Orosz, Dóra Ujj, Bettina Rávai, Petr Kasal, Gábor Benkovics, Béla Mátravölgyi

13:00 – 14:00 Lunch break

14:00 – 15:00 Poster session 01

15:00-16:30 Session 3: Cyclodextrin complexes, self-assembly

Chairs: Véronique Bonnet, Zoltán Fülöp

- 15:00-15:30** KN-03 **Cyclodextrins, surfactants and self-assembly (25+5')**
Gustavo González-Gaitano
- 15:30-15:45** O-08 **Use of machine learning for determination of association constant between a cyclodextrin and a guest (10+5')**
Gökhan Tahıl, Fabien Delorme, Daniel Le Berre, Eric Monflier, Adlane Sayede, Sébastien Tilloy
- 15:45-16:00** O-09 **Cyclodextrins: effective building blocks for supramolecular solvents (10+5')**
Miriana Kfoury, Sophie Fourmentin

- 16:00-16:15** O-10 **4D study of structure and inclusion properties of solid cyclodextrins (10+5')**
Askar K. Gatiatulin, Marat A. Ziganshin, Valery V. Gorbachuk
- 16:15-16:30** O-11 **Supramolecular organization of poly (3,4-ethylenedioxythiophene)/ permofified cyclodextrins polyrotaxanes on the 2D materials (10+5')**
Aurica Farcas, Ana-Maria Resmerita

16:30 – 17:00 Coffee break

17:00-18:30 Session 4.1: Cyclodextrins in drug delivery

Chairs: Bernard Martel, Francesco Trotta

- 17:00-17:30** KN-04.1 **3D Printing of cyclodextrins for biomedical applications (25+5')**
Carmen Alvarez-Lorenzo
- 17:30-17:45** O-12 **Promise and limits of cyclodextrins as drug delivery systems for MEDS433 (10+5')**
Anna Piperno, Antonino Mazzaglia, Angela Scala, Roberto Oliva, Antonio Rescifina, Giuseppe Floresta, Maria Teresa Sciortino, Giorgio Gribaudo, Marco Lucio Lolli
- 17:45-18:00** O-13 **Beta-cyclodextrin complex interaction with membrane bilayer by molecular dynamics simulations (10+5')**
Baptiste Boit, Julien Parcq, Damien Truffin, Dumouilla Vincent, Carmen Popescu
- 18:00-18:15** O-14 **High-speed electrospinning of cyclodextrin-based formulations for stabilizing biopharmaceuticals (10+5')**
Edit Hirsch, Júlia Domján, Fanni A. Geyer, György J. Marosi

7TH SEPTEMBER, THURSDAY

8:30-10:30 Session 4.2: Cyclodextrins in drug delivery

Chairs: Carmen Alvarez Lorenzo, Levente Szócs

- | | | |
|-------------|---------|---|
| 8:30-9:00 | KN-04.2 | Thiolated cyclodextrins: mimicking the workhorses of our body (25+5')
<i>Andreas Bernkop-Schnürch</i> |
| 9:00-9:15 | O-15 | Cyclodextrin polymers as versatile tools for innovation in the combination of chemo- and phototherapy under hypoxia (10+5')
<i>Ilse Manet, Marco Agnes, Arianna Mazza, Eszter Kalydi, Szabolcs Béni, Milo Malanga</i> |
| 9:15-9:30 | O-16 | Cyclodextrin formulation to target low solubility and cytotoxicity of antimicrobial lipopeptides (10+5')
<i>Chiara Bellini, Unai Atxabal, Szilvia Bősze, Orsolya Dobay, Andrea Horváth, Jesús Jiménez-Barbero, István Puskás, Kata Horváti</i> |
| 9:30-9:45 | O-17 | Comparison of β-cyclodextrin and liposomal formulation of selective calpain-2 inhibitors and their use for TBI treatment (10+5')
<i>Michel Baudry, Xiaoning Bi</i> |
| 9:45-10:00 | O-18 | Features of remdesivir / sulfobutylether beta-cyclodextrin compositions after space travel: first results (10+5')
<i>György Dormán, Balázs Buchholcz, István Puskás, Pál Szabó, Erzsébet Varga, Lajos Szente, György M. Keserű, Ferenc Darvas</i> |
| 10:00-10:15 | O-19 | Development of actively targeted and dual drug loaded cyclodextrin nanoparticles in pancreatic cancer (10+5')
<i>Gamze Varan, Nurbanu Demirtürk, Juan M. Benito, Milo Malanga, Erem Bilensoy</i> |

10:15-10:30 O-20 **New doxorubicin delivery systems based on cyclodextrin dimers functionalized with biotin (10+5')**
Noemi Bognanni, Chiara Scuderi, Vincenza Barresi, Graziella Vecchio

10:30 – 11:00 Coffee break

11:00 – 13:00 Session 5: Biological effects of cyclodextrins

Chairs: Lajos Szente, Antonino Mazzaglia

- 11:00-11:30** KN-05 **Cyclodextrin derivatives induce autophagy in animal models. Studying neuroprotective and anti-aging effects (25+5')**
Tibor Kovács, Janka Szinyákovics, Levente Szőcs, Tibor Vellai
- 11:30-11:45** O-21 **A clathrate of HP-alpha-cyclodextrin (HPαCD) as a drug against neurodegenerative and lysosomal storage diseases (10+5')**
Knut M. Wittkowski
- 11:45-12:00** O-22 **Cyclodextrin monomers and polymers as a possible gout treatment (10+5')**
Adrián Matencio, Yousef Khazaei Monfared, Mohammad Mahmoudian, Fabrizio Caldera, José Manuel López-Nicolás, Roberta Cavalli, Parvin Zakeri-Milani, Francesco Trotta
- 12:00-12:15** O-23 **Endocytosis of fluorescent cyclodextrin derivatives in cancer cell lines (10+5')**
Ferenc Fenyvesi, Csenge Urgyán, Katalin Réti-Nagy, Ágnes Rusznyák, Judit Váradi, István Hajdu, György Trencsényi
- 12:15-12:30** O-24 **Nanophotosensitisers based on cyclodextrin with antimicrobial photodynamic action (10+5')**
Roberto Zagami, Domenico Franco, Nina Burduja, Mariachiara Trapani, Francesco Trotta, Antonino Mazzaglia

12:30-12:45 O-25 **Cyclodextrin conjugates as multivalent inhibitors for α -glucosidase and α -amylase for type 2 diabetes mellitus treatment (10+5')**
Takwa Khanchouch, Aurélie Vallin, Rym Abidi, Véronique Bonnet

12:45-13:00 O-26 **Cyclodextrins as potential antidotes to xenobiotic-induced toxicity: Importance of complex stability, and the comparison of in vitro and in vivo results (10+5')**
Miklós Poór

13:00 – 14:00 Lunch break

14:00 – 15:00 Poster session 02

15:00-16:30 Session 6: Cyclodextrins in gene delivery + Short presentations #2

Chairs: Caitriona O'Driscoll, László Jicsinszky

15:00-15:30 KN-06 **Advancing synthetic viruses via hierarchical cyclodextrin self-assembling (25+5')**
Juan M. Benito, Gonzalo Rivero-Barbarroja, José López-Fernández, José M. García Fernández, C. Ortiz Mellet

15:30-15:45 O-27 **Positively charged cyclodextrin polymers for gene delivery (10+5')**
Francesco Trotta, Claudio Cecone, Adrian Matencio, Roberta Cavalli, Fabrizio Caldera, Yousef Monfared

15:45-15:51 S-08 **Complex equilibrium processes in cyclodextrin-liposome-protein formulations (6')**
Daniel Ondo, Miguel Costas, A. Jessica Díaz-Salazar, Patricia Islas-García

15:51-15:57 S-09 **Multifunctional polymers based on β -cyclodextrin for encapsulation and controlled release of antiviral drugs (6')**
Ibrahim Hussein, Francesco Trotta, Fabrizio Caldera, Azam Rezayat, Zeinab Zohreband, Marco Cristofalo

- 15:57-16:03** S-10 **Development and in vitro-in vivo evaluation of active targeted multidrug loaded nanoparticles to overcome drug resistance in the treatment of Non-Hodgkin lymphoma (6')**
Nurbanu Demirtürk, Gamze Varan, Sadık Kağa, Milo Malanga, Erem Bilensoy
- 16:03-16:09** S-11 **Formulations of miltefosine using cyclodextrins and polymeric surfactants: structural characterization and application against leishmaniasis (6')**
Zeinab Dirany, Rima El-Dirany, Carlos Aydillo, Gregory N. Smith, Paul Nguewa, Gustavo González-Gaitano
- 16:09-16:15** S-12 **A smart strategy to improve trans-resveratrol production in plant cell cultures by using cyclodextrins coated with magnetic nanoparticles (6')**
Lorena Almagro, Ana Belén Sabater-Jara, José Antonio Gabaldón, Purificación Corchete, María Ángeles Pedreño
- 16:15-16:21** S-13 **Formulation and investigation of cyclodextrin polymer-based siRNA delivery systems (6')**
Ágnes Ruzsnyák, Milo Malanga, Ildikó Bácskay, Ferenc Fenyvesi
- 16:21-16:27** S-14 **Triclosan (TCS) capturing from wastewater by a β -cyclodextrin/ poly (ethylene glycol) modified multi walled carbon nanotube (6')**
Maryam Foroughi, Mohammad Hossein Ahmadi Azghandi

16:30 – 17:00 Coffee break

17:00 – 18:30 Session 7: Environmental applications

Chairs: Gustavo González-Gaitano, Éva Fenyvesi

- 17:00-11:30** KN-07 **Cyclodextrin-based materials for water treatment (25+5')**
Stanisław Wacławek, Michal Řezanka

- 17:30-17:45** 0-28 **From cyclodextrin to molecularly imprinted polymers for chemical detoxification of organophosphorus nerve agents (10+5')**
Capucine Chaar, Cyril Antheaume, Hava Aksoy, Louise Hespel, Laurent Lebrun, Rachid Baati, François Estour
- 17:45-18:00** 0-29 **Carboxymethyl- β -cyclodextrin assistance for the 4-nitrophenol reduction using cobalt-based layered double hydroxides (10+5')**
Sébastien Noël, Alexia Demeester, Fatima Douma, Renaud Cousin, Stéphane Siffert, Gwladys Pourceau, Anne Wadouachi, Eric Monflier, Anne Ponchel
- 18:00-18:15** 0-30 **Cyclodextrin polymers as passive sampling materials for marine toxins in the Mediterranean area (10+5')**
Alex Fragoso, Mabel Torréns, Mònica Campàs
- 18:15-18:30** 0-31 **Cyclodextrin-assisted hydrogenation of fatty acid methyl esters using ion-exchange resin-supported ruthenium nanoparticles (10+5')**
Antonio Madureira, Nicolas Kania, Bastien Léger, Michel Ferreira, Anne Ponchel, Eric Monflier, Sébastien Noël

8TH SEPTEMBER, FRIDAY

8:30-10:30 Session 8: Analysis of cyclodextrins and their application in sensing and imaging

Chairs: Sophie Fourmentin, Ilse Manet

- 8:30-9:00 KN-08 **The Real DIMEB! The truth behind CAS number 51166-71-3 (25+5')**
Levente Szócs, Róbert Iványi, Kata Tuza, Erzsébet Varga, Éva Fenyvesi, Lajos Szente
- 9:00-9:15 O-32 **Supramolecular cyclodextrin complex sensors for ion and molecule recognition in water (10+5')**
Takashi Hayashita
- 9:15-9:30 O-33 **PEG-ylated network nanostructured by gold nanoparticles for electrochemical sensing of aromatic redox and nonredox analytes (10+5')**
Olga Swiech, Maciej Majdecki, Renata Bilewicz
- 9:30-9:45 O-34 **Multifunctional amino-citrate- β CD coated iron oxide nanoparticles: synthesis and application for Magnetic Resonance Imaging (10+5')**
Katia Martina, Federica Calsolaro, Giancarlo Cravotto
- 9:45-10:00 O-35 **α -Cyclodextrin-based chelator for lanthanide detection using ^{19}F -paramagnetic guest exchange saturation transfer magnetic resonance fingerprinting (^{19}F -ParaGEST MRF) (10+5')**
Elad Goren, Liat Avram, Balamurugan Subramani, Or Perlman, Amnon Bar-Shir
- 10:00-10:15 O-36 **Discrimination of cyclodextrins isomers and probing of their self-assemblies topology using ion mobility-mass spectrometry (10+5')**
Véronique Bonnet, Gilles Clodic, Christian Sonnendecker, Wolfgang Zimmermann, Cédric Przybylski

10:15-10:30 O-37 Exploring enantiomer migration order alterations in capillary electrophoretic studies with cyclodextrin chiral selectors (10+5')
Gergő Tóth, Levente Szócs, Zoltán-István Szabó

10:30 – 11:00 Coffee break

11:00 – 13:00 Session 9: Agri-food applications + Short presentations #3

Chairs: Adrián Matencio, István Puskás

11:00-11:30 KN-09 Cyclodextrins in food applications – an industrial perspective (25+5')
Oliver Minge

11:30-11:45 O-38 A clathrate of alpha-cyclodextrin (α CD) and capric acid as a food ingredient or supplement to improve health in aging (10+5')
Knut M. Wittkowski

11:45-12:00 O-39 Piceid bioconjugates as guests for novel cyclodextrin complexes (10+5')
Daniel I. Hădărugă, Sonia Phon-Lacroix, Mattéo Lotiquet, Cornelia Muntean, Valentin Badea, Nicoleta G. Hădărugă

12:00-12:06 S-15 New hybrid membranes based on cyclodextrin nanosponges for gas separation (6')
Fabrizio Caldera, Salvatore Francesco Cannone, Matteo Righetti, Sadaqat Ali, Francesco Trotta

12:06-12:12 S-16 Synthesis of acrylic based β -cyclodextrin polymer: a potential adsorbent system for pharmaceutical residuals removal from water (6')
Mohamed M. Ahmed, Anna Skwierawska, Michal Řezanka

12:12-12:18 S-17 Electrochemical study of curcumin inclusion using cyclodextrin-based ultra small nanogels (6')
Ruyuan Yan, Maria A Casulli, Takeshi Hashimoto, Takashi Hayashita

12:18-12:24

S-18

Unlocking the mysteries of 2-hydroxypropyl-beta-cyclodextrin: an NMR spectroscopy approach to deciphering substitution patterns (6')

Eszter Kalydi, Szabolcs Béni, Milo Malanga

12:25 – Closing

13:00 – 14:00 Lunch

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FORMULATION DEVELOPMENT

CycloLab offers conducting interaction studies to select the most effective cyclodextrin for your molecule, proof of concept studies and development of a new formulation with the selected cyclodextrin. CD's are widely used excipients in veterinary, biotech, food, cosmetic and agricultural industries.

CUSTOM CYCLODEXTRIN SYNTHESIS

Throughout its 40-year history CycloLab successfully synthesized more than 300 different cyclodextrin derivatives either for customer requests or within the scope of collaborations. These derivatives are not part of our webshop though they might be available from stock; check our website regularly for these special offers!

Custom made CDs are supporting preclinical and clinical trials, manufactured under cGMP conditions, supported by strong analytical and regulatory background.

CONTRACT ANALYSIS

CycloLab can assist you in finding the ideal analytical method for your needs owing to its vast experience in the field of cyclodextrins: to characterize cyclodextrins, cyclodextrin complexes, to perform related analysis (API assay, formulation specific characterization).

Our experience also includes analysis of cyclodextrins in biological matrices like blood plasma or liquor samples.

SUGAMMADEX

Extensive knowledge in different manufacturing procedures. Unique analytical techniques to separate all process impurities. Supplying process by-products and impurities to support development.

PIPELINE

CycloLab is actively developing several programs in novel applications of cyclodextrins such as drug delivery systems and their uses as Active Pharmaceutical Ingredients in various therapeutic indications including rare diseases and unmet medical needs.

POSTER PRESENTATIONS



**EuroCD
2023**

- P-01** **3D Printed Scaffolds of Hydroxypropyl- β -Cyclodextrin Using Digital Light Processing**
Alejandro Seijo-Rabina, Alvaro Goyanes, Carmen Alvarez-Lorenzo, Angel Concheiro
- P-02** **Lysozyme thermal stability in presence of native cyclodextrins**
Daniel Ondo, Miguel Costas, A. Jessica Díaz-Salazar, Patricia Islas-García
- P-03** **Effect of cyclodextrin modification on complexation with cetyltrimethylammonium cation with emphasis on surfactant micellization**
Daniel Ondo
- P-04** **Challenging synthesis of a cyclodextrin-based API (Sugammadex) impurities**
István Kese, Róbert Iványi, Levente Szócs
- P-05** **Cyclodextrin organosilane nanofibres**
Marek Soukeník, Johana Kulhánková, Michal Řezanka
- P-06** **New conjugates of γ -cyclodextrins-grafted hyaluronic acid for release of drugs in cancer cells**
Noemi Bognanni, Maurizio Viale, Graziella Vecchio
- P-07** **Nanomaterials made of cyclodextrin-citric acid polymers**
Petra Karmazínová, Michal Řezanka, Martin Stuchlík
- P-08** **Supramolecular Modular Self-healing, Shear-thinning, and UV-Curable Dextran Hydrogels**
Ruiqi Jing, Thorbjørn T. Nielsen, Johan F. S. Christensen, Lars A. Lindbjerg, Nicolai T. Jørgensen, Sebastian Gustafson, Kim L. Larsen
- P-09** **Implementation of a PAT-controlled semi-industrial reactor to the production of cyclodextrin derivatives**
Zsolt Ürögi, Kata Tuza, Róbert Iványi

P-10

NMR Studies of exchange dynamics in metal-capped cyclodextrins uncover two co-existing populations of host-guest complexes in water

Elad Goren, Liat Avram, Mark Iron, Amnon Bar-Shir

P-11

Investigating the effect of cyclodextrins and cyclodextrins based hydrophylic polymers on the chemical-pharmaceutical and toxicological profile of new Al (III) and Ga (III) complexes with 5-hydroxyflavone

Claudiu Radu, Andreea-Alexandra Olteanu, Valentina Uivarosi, Corina-Cristina Aramă

P-12

Molecular dynamics studies to estimate the free energy of binding for cyclodextrin-anilinonaphthalene sulfonic acid (1,8-ANS and 2,6-ANS) complexes

Parisa Fereidounpour, Lars W. Ståde, Casper Steinmann, Kim L. Larsen

P-13

Why is it so difficult to converge MM/GBSA free energies of binding for cyclodextrin inclusion complexes?

Casper Steinmann

P-14

Development of buccal films containing curcumin complexes of γ CD derivatives

Ágnes Ruzsnyák, Maria Khalvati, Ádám Haimhoffer, Gábor Vasvári, Attila Bényei, Eleftheria Dossi, Ferenc Fenyvesi

P-15

Ginkgo biloba EGb 761® extract in vitro permeability study

Dóra Erdős, András D. Marton, György T. Balogh

P-16

Investigation of the nasal applicability of different charged cyclodextrin-based meloxicam potassium containing particles

Anett Németh, Patrícia Varga, Ildikó Csóka, Rita Ambrus

P-17

In vitro and ex vivo test systems in the development of cyclodextrin-enabled eye drops

Anna Vincze, György T. Balogh

- P-18** **Inclusion complexation of the novel antipsoriatic drug apremilast with cyclodextrins**
Beáta M. Benkő, Gergő Tóth, Bence Tóth, Zoltán I. Szabó, Lajos Szente, Edina Szabó, Romána Zelkó, István Sebe
- P-19** **Antimicrobial Electrospun Fibers Loaded with Carvacrol, Citronellol and Cinnamic Acid for Wound Healing**
Iago Gonzalez-Prada, Anabela Borges, Beatriz Santos-Torres, Beatriz Magariños, Manuel Simões, Angel Concheiro, Carmen Alvarez-Lorenzo
- P-20** **Hydroxypropyl beta-cyclodextrins (HP β CD) as a recombinant protein stabilizer for parenteral delivery**
Robynn Schillace, Roberto Meza-Romero, Carmen Popescu, Jeff King, Renee L. Shirley, Arthur Vandenbark
- P-21** **Orally disintegrating films of Nebivolol and SulfobutylEther- β -cyclodextrin: formulation, development, and characterization**
Marzia Cirri, Caterina Luciani, Francesca Maestrelli, Silvia Fiani, Natascia Mennini, Paola Mura
- P-22** **Development of antifungal eyedrops for the treatment of fungal keratitis**
Victoria Díaz-Tomé, Anxo Fernández-Ferreiro, Miguel González-Barcia, Pablo Aguiar-Fernández, Francisco J. Otero-Espinar
- P-23** **Hydroxypropyl beta-cyclodextrin-tacrolimus eye drops for the treatment of ocular pathologies**
Xurxo García-Otero, Anxo Fernández-Ferreiro, Miguel González-Barcia, Pablo Aguiar-Fernández, Francisco J. Otero-Espinar
- P-24** **Improving drug penetration into nails using CicloTech technology for the treatment of nail psoriasis**
Francisco J. Otero-Espinar, Soledad Anguiano-Igea, Elena Cutrin-Gómez

P-25

Development of intranasal thermoresponsive in-situ gelling systems based on Sangelose and cyclodextrins to prevent respiratory tract viral infections

Gaia Zucca, Barbara Vignani, Caterina Valentino, Marco Ruggeri, Giuseppina Sandri, Silvia Rossi

P-26

Cholesterol-functionalized β -CD Nanosponges for Drug Delivery

Ilona Krabicová, Yousef Khazaei Monfared, Christopher J. Hobbs, Fabrizio Caldera, Adrián Matencio Durán, Michal Řezanka, Francesco Trotta

P-27

Effect of cyclodextrin derivatives on encapsulation efficiency of hydrophilic drugs into lipid structures

Olga Swiech, Weronika Piotrowska

P-28

Stability testing of cyclodextrin-based meloxicam-potassium containing nasal powders

Patrícia Varga, Csilla Balla-Bartos, Rita Ambrus

P-29

Celecoxib/cyclodextrin eye drop microsuspensions: Evaluation on in vitro cytotoxicity and anti-VEGF efficacy for retinal diseases

Phatsawee Jansook, Hay M.S.H. Soe, Rathapon Asasutjarit, Phyto D. Maw, Tanapong Watchararot, Thorsteinn Loftsson

P-30

Enhanced oral bioavailability of apomorphine exploiting different cyclodextrin nanosponge formulations

Monica Argenziano, Gjylije Hoti, Fabrizio Caldera, Anna Scomparin, Lorenzo Priano, Alessandro Mauro, Francesco Trotta, Roberta Cavalli

P-31

Carbohydrate-based nanocarriers for oxygen delivery in Cardioplegic Solution

Maria Tannous, Gjylije Hoti, Pasquale Pagliaro, Claudia Penna, Takanobu Higashiyama, Francesco Trotta, Roberta Cavalli

- P-32** **Amphiphilic cationic β -cyclodextrin-based polymers to improve siRNA delivery**
Domitilla Meloni, Claudio Cecone, Anna Scomparin, Chiara Dianzani, Stefania Pizzimenti, Monica Argenziano, Francesco Trotta, Roberta Cavalli
- P-33** **Cyclodextrin-based nanosponges complex with vitamin D to improve its adsorption**
Francesca Uberti, Francesco Trotta, Pasquale Pagliaro, Daniel M. Bisericar, Sara Er-Rahmani, Roberta Cavalli, Sara Ferrari, Claudia Penna, Adrián Matencio
- P-34** **Solid-State Preparation and Characterization of Cyclodextrins-Iodine Complexes as Stable Iodophors**
Danilo Aleo, Fabiola Spitaleri, Maria Grazia Saita, Barbara Mellili, Melina Cro, Sandro Dattilo, Angela Patti
- P-35** **Role of Inhalable EPA-SB- β -cyclodextrin Inclusion Complexes for the Treatment of Pneumonia & Pneumonitis by Regulating Immune Responses**
Naseem Khan, Satya Kumar Chauhan, Afroj Sayyed
- P-36** **Intrinsic antibacterial activity of beta-cyclodextrins potentiates their effect as drug nanocarriers against tuberculosis**
Amine Pochet, Priscille Brodin, Ruxandra Gref, Arnaud Machelart
- P-37** **Cyclodextrin derivatives inhibit Transient Receptor Potential Vanilloid 1 and Ankyrin 1 receptor activation in vitro**
Andrea Kinga Nehr-Majoros, János Erostyák, György Sétáló Jr., Zsuzsanna Helyes, Éva Szőke
- P-38** **Interactions of sugammadex with phytotoxins: Common modes of inclusion and a new potential for the old antidote**
Eszter Kalydi, Milo Malanga, Konstantina Yannakopoulou, Szabolcs Béni

P-39

Veklury® (remdesivir) formulations inhibit initial membrane-coupled events of SARS-CoV-2 infection due to their sulfobutylether- β -cyclodextrin content

Tamas Kovacs, Kitti Kurtan, Zoltan Varga, Peter Nagy, Gyorgy Panyi, Florina Zakany

P-40

Cyclodextrins: Only pharmaceutical excipients or full-fledged drug candidates?

Tamas Kovacs, Peter Nagy, Gyorgy Panyi, Tamas Sohajda, Lajos Szente, Zoltan Varga, Florina Zakany

P-41

Modulation of bacterial communication by cyclodextrins – current research trends and future perspectives

Mónika Molnár, Éva Fenyvesi, Rita Márton, Ildikó Fekete-Kertész, Imre Németh, Lajos Szente, Zsófia Berkl

P-42

Effects of cationic cyclodextrins and cyclodextrin polymers on the lipid composition and viability of rat cerebral synaptosomes

Orsolya Geda, Tamás Tábi, Éva Szökő

P-43

The impact of cyclodextrins on the physiology of *Candida* species

Rita Márton, Éva Fenyvesi, Lajos Szente, Mónika Molnár

P-44

α -cyclodextrin from an ecotoxicological point of view – Examination of the potential toxicity with a complex methodology

Zsófia Berkl, Ildikó Fekete-Kertész, Klaudia Benei, Éva Fenyvesi, Lajos Szente, Mónika Molnár

P-45

Formulation of biopesticides based on eugenol - Effect of cyclodextrins on solubility, stability and release

Gauthier Decool, Miriana Kfoury, Laura Paitel, Alberto Sardo, Sophie Fourmentin

- P-46** Innovative Green Technology for Water Reprocessing using Immobilized β -Cyclodextrins onto Magnetite Nanoparticles
Laura Gouriou, Lisa Rouvière, Mélanie Mignot, Cécile Barbot, Laetitia Bailly, Emilie Petit, Géraldine Gouhier
- P-47** Eco-friendly strategies to remove/recover hazardous pollutants from water
Paola Fini, Vito Rizzi, Jennifer Gubitosa, Pinalysa Cosma
- P-48** Removal of boron from water exploiting cyclodextrin-based and maltodextrin-based adsorbents
Claudio Cecone, Marco Ginepro, Francesco Trotta
- P-49** Adsorption Process Development: Targeted Removal of Water Pollutants Using New Materials with Molecular Imprints
Dominika N. Nowacka, Anna M. Skwierawska
- P-50** Rotating-frame overhauser effect spectroscopy as a useful diagnostic tool in the analysis of cyclodextrin inclusion complexes with organic compounds
Anna M. Skwierawska, Dominika N. Nowacka
- P-51** Sensitive and Selective HPLC Determination of α -, β - and γ -Cyclodextrins and Hydroxy-Propyl- Cyclodextrins
Klaus B. Mascher
- P-52** Examination of the pH-dependent behaviour of subetadex cyclodextrin
Dóra V. Ujj, Gábor Benkovics, Petr Kasal, Erika Bálint, Béla Mátravölgyi
- P-53** Separation and Identification of Four Regioisomers of a Sugammadex-related Impurity via Cyclic Ion Mobility Mass Spectrometry
Péter S. Szakály, Gitta Schlosser, Dávid Papp, Arnold Steckel, Erzsébet Varga

P-54

Analysis of cyclodextrin complexes of chromophore containing molecules by Circular Dichroism (CD) spectroscopy

Márta Kraszni, Ferenc Ágh, Dániel Horváth, Arash Mirzahosseini, Péter Horváth

P-55

Enhanced oxyresveratrol production in mulberry in vitro plants under elicitation with cyclodextrins and methyl jasmonate

Sabater-Jara AB, Almagro L, Alemán-López J, Pedreño MA

P-56

Study of the synthesis of capsaicin derivatives, their complexation with cyclodextrines and their biological activity

Bettina Rávai, Máté Orosz, Dóra Ujj, Kármén Emőke Szabó, Ecaterina Revenco, Erika Bálint

P-57

Development and optimization of a suitable encapsulation procedure for the resveratrol-docosahexanoic acid

Dennis A. Silva-Cullishpuma, María T. Mercader-Ros, Carmen Lucas-Abellán, María J. Yáñez Gascón, Céline Crauste, Thierry Durand, Ángel Gil-Izquierdo, Estrella Núñez-Delicado, José A. Gabaldón

P-58

Promoting metabolic health through diet: Innovation in dairy products with cyclodextrins and omega-3 fatty acids from fish oil

José M. López-Nicolás, Berenice Guadarrama-Flores, Adrián Matencio, Silvia Navarro- Orcajada, Ismael Martínez-Lede, Irene Conesa, Francisco J. Vidal-Sánchez, Francisco García-Carmona

P-59

β -cyclodextrin complex formation and protonation equilibria of morphine and other opioid compounds of therapeutic interest

Boglárka Tűz, Béla Noszál, Sándor Hosztafi, Károly Mazák

P-60

Effect of curd washing on chemical and sensory properties in low-cholesterol ewe's milk cheese by beta cyclodextrin

Leocadio Alonso, MaríaV. Calvo, Javier Fontecha

- P-61** Cyclodextrins increase phytosterol and phenolic compound production in *Thymbra capitata* cell cultures
Sabater-Jara AB, Alemán-López J, Belchí-Navarro S, Pedreño MA, Almagro L
- P-62** FTIR-PCA approach on β -cyclodextrin / walnut oil / antioxidant flavonoid ternary complexes
Nicoleta G. Hădărugă, Anamaria Pop, Laurențiu R. Drăghici, Cornelia Muntean, Daniel I. Hădărugă
- P-63** Preparation of essential oil capsule (*Carum copticum*) in chitosan nanoparticles and investigation of its biological properties
Akbar Esmaeili, Azadeh Asgari
- P-64** Preparation and characterization of a biopesticide based on *Artemisia Herba-Alba* essential oil encapsulated with Succinic Acid modified beta-cyclodextrin
Amine Ez-zoubi, Abdellah Farah
- P-65** Who wins the "heart of cholesterol"? Analysis of methylated cyclodextrin derivatives on cholesterol stationary phase
Dominika M. Herr, Erzsébet Varga, Péter S. Szakály
- P-66** Solubility improvement of antiproliferative chrysin-derivatives with cyclodextrins
Dominika M. Herr, Zoltán Fülöp, Szabolcs Mayer, Péter Keglevich, László Hazai
- P-67** Synergistic solubility enhancement: a formulation case study with SBECD
Marcell Stifter-Mursits, Dóra Viktória Ujj, Zoltán Fülöp

GENERAL INFORMATION



**EuroCD
2023**

VENUE

Danubius Hotel Helia****

H-1133 Budapest, Kárpát street 62-64.

DATE

September 5-8, 2023.

REGISTRATION OFFICE OPENING HOURS AT THE VENUE

5th September (Tuesday) 17.00 - 19.00

6th September (Wednesday) 7.30 - 19.00

7th September (Thursday) 7.30 - 19.00

8th September (Friday) 7.30 - 13.00

Registration phone (only available on 5-6-7-8th September): +36-30/977-4007

ON-SITE REGISTRATION FEES

Registration fees (VAT included)		Includes
Academic members (For members of University and Research Center)	450 €	<ul style="list-style-type: none">Admission to Conference, poster sessions, industrial exhibition;
Industry professionals (For members of Industrial Companies / Organizations)	550 €	<ul style="list-style-type: none">Conference materials and Proceedings;Free Wi-Fi;Coffee breaks;
Students (Formal certification of inscription / attendance signed from your University is required)	300 €	<ul style="list-style-type: none">Welcome reception, on September 5th

Due to Hungarian regulations registration fees include 27% VAT.

In accordance with the Hungarian tax regulations, invoices will show the full registration fees divided into registration costs and catering costs (150 EUR).

Accommodation, lunches and the social programs are not included in the registration fee.

SOCIAL EVENTS

Welcome reception – Get together party

5th September (Tuesday), at the venue of the event (Danubius Hotel Helia)

Included in the registration fee

OPTIONAL MEALS, SOCIAL PROGRAMS

Lunches

6th, 7th and 8th September

Buffet lunch in the Episode Restaurant at Danubius Hotel Helia

Price: 32 EUR / lunch

Dinner at Sir Lancelot Medieval Restaurant

6th September (Wednesday), 19:00

Price: 80 EUR / pers.

We take a rented bus to the Lancelot Restaurant (Budapest, Podmaniczky u. 14, 1065) from the parking lot of the Helia Hotel, gathering at the hotel reception at 18:30. Please note that due to the fixed time of the restaurant performance, the bus will depart at 18:40.

Conference Gala Dinner – Danube boat trip with dinner

7th September (Thursday)

Conference dinner & Boat trip at the Primus Boat on the Danube

Price: 95 EUR / pers.

Meeting at the Hotel Helia reception at 19:15, departure together on foot at 19:30 (a 5-minute walk to the port)

Castle highlights guided walking tour

8th September, Friday

Price WITH DINNER: 115 EUR / pers.

Price WITHOUT DINNER: 50 EUR / pers.

The organizer reserves the right to cancel the programs wholly or in part in case of an insufficient number of participants, program cancellations, organizational reasons, force majeure or other unforeseeable events that render the execution of the event impossible and/or not worthwhile or that would lead to the organizer incurring unreasonable expenses in executing the program. The organizer shall immediately inform participants of such changes.

PAYMENT

The payment deadline of registration fees and social programs was 15th July. Payments should be made in EURO. Any bank charges will be charged to the payer.

In case of bank transfer by your sponsor / workplace please make sure that your name or registration number is forwarded into the payment details while sending payments by bank transfer. If your sponsor uses a block transfer for several participants, it is necessary to include all relevant names or registration numbers.

INVOICE

The invoice was issued on request, based on details provided while registering (Invoicing address). Any change of such details (address, VAT number etc.) was possible only within 3 days from the registering date and is subject to the 10 EUR fee.

CANCELLATION OF CONGRESS PARTICIPATION

In the case that you cancelled your participation at the congress by the 30th June 2023, the registration fee minus a processing fee of 30 EUR was refunded. No refund was made if cancellation was made at a later date. Please note that there will be no refund for cancellations received after the 30th June 2023.

The congress office can accept any cancellations only in written form.

MISCELLANEOUS

No-shows at the congress will be charged the full fee.

All refunds will be processed after the congress.

MODIFICATION OF CONGRESS PARTICIPATION

In the case of modification of any of the datas of your invoice, it will mean a handling charge of 15 EUR. The congress office can accept any modifications only in written form.

ADVANCED SERVICES

Our organizing office offers meals and catering services in an unmodified form to their customers. The cancellation and penalty conditions are customized to the terms of the service provider.

PASSPORTS AND VISAS

Currently valid passport or identity card is required for foreign visitors travelling to Hungary.

Although visa requirements may vary from country to country, no visa is needed from almost all European Countries.

LIABILITY – INSURANCE

The Organizers of the Congress do not accept any liability for damages and or losses of any kind which may be incurred by congress participants or accompanying persons. Delegates participate at all events at their own risk.

INFORMATION FOR CHAIRS AND SPEAKERS

Invited speakers have 25 minutes to share their results (plus 5 minutes Q&A).

Duration of Oral Presentations: 10 minutes lecture and 5 minutes Q&A

Duration of Short Presentations: 6 minutes lecture

We have indicated the duration after the title of the presentations. All presenters are kindly requested to check and hand in their presentation - in case they haven't sent it to the Organizers before the Congress - at the Technicians' desks at least 1 hour prior to the lecture sessions.

Chairs of the sessions are kindly asked to introduce the invited speakers to the audience at the beginning of each sessions and also to devote attention not to exceed the time frame of the sessions. Chairs are asked to initiate discussion/debate at the end of the sessions.

POSTER SESSIONS

The poster session is placed at the congress venue nearby the lecture hall. Poster numbers (from P01 to P68) will be placed on each poster stand, as well as a list with all posters (with titles and presenters). Based on the list, each poster presenter can find where to place their poster. We provide the necessary tools for poster installation.

During the poster sessions, it is possible to ask questions to the poster author(s), therefore we would like to ask the author/presenter to be present at the poster during the poster sessions.

CERTIFICATE OF ATTENDANCE

A certificate of attendance will be sent for all registered participants after the congress by e-mail.

ABOUT BUDAPEST

Hungary is situated in the middle of the continent in Central Europe. This country is the birthplace of world-famous inventors, scientists, explorers, composers and sports stars.

Hungarians speak a language and form a culture unlike any other in the region: this distinctiveness has been both a source of pride and an obstacle for more than 1100 years.

As the capital of Hungary, Budapest serves the country's principal political, cultural, commercial, industrial, and transportation center and is considered an important hub in Central Europe. The city is attracting international meeting planners and delegates with its unique heritage and individual, cultural charm, as well as the professionalism of its hotels, convention facilities and visitor amenities.

Budapest — with the majestic Danube in the middle. Buda, with its romantic atmosphere on one side, and Pest, a dynamic cultural center on the other. One would have to be sharp to find another city in the world with such beautiful natural settings, rich architectural and historical heritage, offering an unparalleled combination of culture, fine cuisine and thermal baths.



CLIMATE OF BUDAPEST

September is the start of autumn in Budapest, Hungary. The days are still warm but not as hot as in the summer. The average temperature is 17°C, which makes September the fourth warmest month of the year.

The average daytime high temperature is still comfortable 22°C, while the average nighttime low temperature drops to a chilly 12°C. September receives an average of 70mm of rainfall.

CURRENCY

The official currency of Hungary is Hungarian Forint. (sign: Ft; code: HUF)

CREDIT CARDS

All major credit cards are normally accepted throughout Hungary and ATMs are widespread.

PHONE CALLS

The country code for international calls to Hungary is +36.

ELECTRICITY & TIME ZONE

220 V

Central European Time (CET)

GETTING TO THE VENUE FROM THE AIRPORT

There are 2 modes of transportation available from Budapest Ferenc Liszt International Airport (BUD): Taxi and Bus. The most convenient way to get to the city center is by hiring a Budapest airport taxi. You will find readily available taxis lined up just outside of the airport's exit doors. There is also a taxi information booth inside the terminal.

The bus system of Budapest airport is directly connected with the metropolitan area of Budapest. In fact, it was only recently that the bus line 100E started operating the route from the airport to the Deák Ferenc tér central metro station. From Deák tér you can take Bus 15 to Dráva utca, which stop is 200 m from the Hotel Helia.

TAXI

We recommend the participants three taxi-companies in Budapest:

- Fő Taxi: +36/1-222-2222
- City Taxi: +36/1-111-1111
- Taxi 2000: +36/1-2000-000

PUBLIC TRANSPORTATION

Budapest has excellent and extensive public network coverage. Tickets and passes are available at vending machines installed in most busy locations – such as the airport – and transport hubs.

For more information please visit the following website: <https://www.bkv.hu/en/>

NOTES



**EuroCD
2023**



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