

## Conference Schedule

**Friday, 27 April 2018**

Time	Excursion Tour	Active Commons: Cafeteria; Bldg. #9 B1F
9:00	Gathering at North Gate of Sophia University	Closed
9:20	Boarding to the Bus at South Gate	
9:30	Bus Departure for Excursion Tour	
	<b>Excursion Tour</b> <i>Tokyo Tower</i> <i>Yakagabune Cruising</i> <i>Senso-ji Temple in Asakusa</i> <i>Imperial Palace</i> <i>Nijubashi Bridge</i>	
17:00	Arriving Bus at North Gate	Registration at Reception Desk
18:00	Moving to Active Commons: Cafeteria	
18:00 20:00		<b>Welcome Reception</b>

**Saturday, 28 April 2018**

<b>Time</b>	<b>Hall; Bldg. #10</b>	<b>Active Commons: Cafeteria; Bldg. #9 B1F</b>
8:40	Registration	Poster Display  Exhibition
9:20	<b>Opening Remarks</b> Keiko Takahashi, Takashi Hayashita	
9:30	Session <1> (Chair: T. Hayashita) IL01 H. Kitagishi IL02 Y.-M. Zhang (Y. Liu)	
10:10	<i>Tea/Coffee Break</i>	
10:30	Session<2> (Chair: Jun Li) * <i>Sophia Symposium</i> IL03 A. Harada IL04 G. Wenz	
11:15	(Chair: A. Harada) PL1 K. Ito	
12:00	<b>Meeting of international scientific advisory board</b> (Meeting Room at 3 <sup>rd</sup> .Floor, Bldg.#10)	Lunch
12:50		<b>Poster Session I</b> 12:50-13:35 Odd 13:35-14:20 Even
14:20	Session<3> (Chair: H. Kitagishi) O01 R. Wang            O02 R. Suzuki O04 O. Swiech	Poster Display  Exhibition
15:10	Session<4> (Chairs: Y. Ishimaru and C. A.-Lorenzo) O05 N. Blanchimaini    O06 T. Ezawa O07 R. Caldera            O08 C. Sonnendecker	
16:10	<i>Tea/Coffee Break</i>	
16:30	Session<5> (Chair: G. Wenz) IL05 K. Motoyama IL06 K. Terao	
17:15	Session<6> (Chairs: K. Terao and K. Motoyama) IL07 C. A.-Lorenzo 17:55 IL08 T. Ikeda	
18:30 20:30	<i>Dinner for Invited Member in Faculty Club (Bldg. #6)</i>	

**Sunday, 29 April 2018**

<b>Time</b>	<b>Hall; Bldg. #10</b>	<b>Active Commons: Cafeteria; Bldg. #9 B1F</b>
9:00	Registration	
9:30	Session <7> (Chairs: K. Takahashi and L. Szente) <i>*Sophia Symposium</i> IL09 H. Viernstein IL10 N. Ikuta IL11 S. Fourmenten	Poster Display
10:15	<i>Tea/Coffee Break</i>	
10:30	Session<8> (Chair: S. Fourmentin) <i>*Sophia Symposium</i> IL12 L. Szente IL13 H. Arima	Exhibition
11:15	(Chair: H. Arima) PL2 C. D. Davidson	
12:00		<i>Lunch</i>
12:50		<b>Poster Session II</b> 12:50-13:35 Even 13:35-14:20 Odd
14:20	Session<9> (Chairs: N. Ikuta and M.Sollogoub) O09 C. Przybylski      O10 Z-G. Feng O11 P.-L. Champagne    O12 C.-C. Ling	Poster Retrieval Exhibition
15:20	<i>Tea/Coffee Break</i>	
15:35	Session<10> (Chair: F. Trotta) O13 Y. Egawa      O14 I. Puskas O15 B Martel	Poster Retrieval Exhibition
16:25	Session<11> (Chair: K. Ito) IL14 M. Sollogoub IL15 F. Trotta	
17:05 17:45	<i>Move to Hotel New Otani (Main Bldg.)</i>	
18:00 20:00	<b><i>Banquet at "HŌ" (Banquet Floor) in Hotel New Otani Tokyo</i></b>	

**Monday, 30 April (Holiday; Showa Day) 2018**

<b>Time</b>	<b>Hall; Bldg. #10</b>	<b>Active Commons: Cafeteria; Bldg. #9 B1F</b>
9:00	Registration	Closed
9:15	Session <12> (Chairs: K. Kato and I. Jeschke) O16 R. Tsuchiya      O17 S. Degoutin O18 M. P. Casaletto    O19 V. Bonnet	
10:15	<i>Tea/Coffee Break</i>	
10:35	Session<13> (Chairs: C. Easton and K. Higashi) IL16 A. Mazzglia IL17 J. Li IL18 Th. Loftsson	
12:00	IL19 I. Jeschke	
	Lunch (Lunch Box)	Open
13:00	Announcement of Next ICS Celebration of Poster Awards	
13:20	Session<14> (Chairs: H. Viernstein) IL21 K. Kato	Closed
14:00	IL22 C. Easton	
	PC-time	
14:05	Session<15> (Chairs: A. Mazzglia and Th. Loftsson) O20 E. Monflier      O21 J. Wang	
15:05	O22 A. Ponchel      O23 Y.-M. Zhang	
	<i>Tea/Coffee Break</i>	
15:25	Session<16> (Chairs: T. Ikeda. and Y. Egawa) O24 T. Yamamoto      O25 N. Suzuki	
16:25	O26 A. Pineiro      O27 R. G. Fandino	
16:25	Closing Remarks	
16:40	Keiko Takahashi, Takashi Hayashita	

# Scientific Program

**Saturday April 28, 2018**

8:40 – 9:20      **Registration**

## *Opening Remarks*

9:20 – 9:30      Keiko Takahashi (Tokyo Polytechnic University, Japan)  
Takashi Hayashita (Sophia University, Japan)

*Session 1* \_\_\_\_\_ *Chair: Takashi Hayashita (Sophia University, Japan)*

**9:30 – 9:50      IL01   Hiroaki Kitagishi (Doshisha University, Japan)**  
Porphyrins Complexed with Per-O-methyl- $\beta$ -cyclodextrin Derivatives

**9:50 – 10:10    IL02   Ying-Ming Zhang (Yu Liu) (Nankai University, China)**  
Stimuli-Responsive Behaviours of Cyclodextrin-Based  
Supramolecular Assembly

10:10 – 10:30    Tea/Coffee Break

*Session 2 <Sophia Symposium>* \_\_\_\_\_ *Chair: Jun Li (National University of Singapore, Singapore),*

**10:30 – 10:50    IL03   Akira Harada (Osaka University, Japan)**  
Supramolecular Materials Formed by Cyclodextrin-Guest Interactions

**10:50 – 11:10    IL04   Gerhard Wenz (Saarland University, Germany)**  
Self-healing Car Paints from Cyclodextrin Polyrotaxanes

\_\_\_\_\_ *Chair: Akira Harada (Osaka University, Japan)*

**11:15 – 11:55    PL1   Kohzo Ito (The University of Tokyo, Japan)**  
Slide-Ring Materials: Molecular Design Strategy for SHINAYAKA  
Polymers

11:55 – 12:50    Lunch

12:50 – 14:20    *Poster Session I*

Session 3 \_\_\_\_\_ Chair: Hiroaki Kitagishi (Doshisha University, Japan)

- 14:20 – 14:35 O01 Ruibing Wang (University of Macau, Macao Special Administrative Region of China)**  
The Influence of  $\beta$ -Cyclodextrin and Cucurbit[7]uril on the Developmental Toxicity of Anabasine
- 14:35 – 14:50 O02 Rina Suzuki (Josai University, Japan)**  
Evaluation of antimicrobial activity of hinokitiol with cyclodextrins
- 14:50 – 15:05 O04 Olga Swiech (University of Warsaw, Poland)**  
New Conjugate of Cyclodextrin and Folic Acid in pH-Sensitive, Targeted Therapy with Anthracycline Drugs
- 15:05 – 15:10 PC-time

Session 4 \_\_\_\_\_ Chair: Yoshihiro Ishimaru (Saitama University, Japan)  
Carmen Alvarez Lorenzo (Santiago de Compostella, Spain)

- 15:10 – 15:25 O05 Nicolas Blanchemain (University of Lille / INSERM, France)**  
Ciprofloxacin loaded sponges (Chitosan/Cyclodextrin polymer) for treatment of bone infections
- 15:25 – 15:40 O06 Toshinari Ezawa (Josai University, Japan)**  
Change in the dissolution property of piperine by Co-grinding with  $\alpha$ -cyclodextrin
- 15:40 – 15:55 O07 Fabrizio Caldera (University of Turin, Italy)**  
Molecularly imprinted cyclodextrin nanosponges as innovative nanoformulation for the treatment of Parkinson's disease
- 15:55 – 16:10 O08 Christian Sonnendecker (Leipzig University, Germany)**  
Engineering cyclodextrin glucanotransferases to form large-ring cyclodextrins
- 16:10 – 16:30 Tea/Coffee Break

Session 5 \_\_\_\_\_ Chair: Gerhard Wenz (Saarland University, Germany)

- 16:30 – 16:50 IL05 Keiichi Motoyama (Kumamoto University, Japan)**  
Involvement of Mitophagy-mediated Cell Death for Antitumor Activity of Folate-appended Methyl- $\beta$ -cyclodextrins
- 16:50 – 17:10 IL06 Keiji Terao (CycloChem Co., Ltd., Japan)**  
A New Generation of Nutra-ceuticals and Cosme-ceuticals Complexing Lipophilic Bioactives with  $\gamma$ -Cyclodextrin

17:10 – 17:15 PC-time

*Session 6* \_\_\_\_\_ *Chair: Keiji Terao (CycloChem Co. Ltd., Japan)*  
*Keiichi Motoyama (Kumamoto University, Japan)*

**17:15 – 17:35 IL07 Carmen Alvarez-Lorenzo (University Santiago de Compostela, Spain)**  
Cyclodextrins as multi-task components of scaffolds

**17:35 – 17:55 IL08 Tsukasa Ikeda (Utsunomiya University, Japan)**  
Inhibitory Effects by Cyclodextrin on Quorum Sensing in Gram-Negative Bacteria

**Sunday April 29, 2018**

9:00 – 9:15      **Registration**

*Session 7 <Sophia Symposium> \_\_\_\_\_ Chair: Keiko Takahashi (Tokyo Polytechnic University, Japan), Lajos Szenté (CycloLab, Ltd., Hungary)*

**9:15 – 9:35      IL09    Helmut Viernstein (University of Vienna, Austria)**  
Formulation of Nabilone-Cyclodextrin Complexes

**9:35 – 9:55      IL10    Naoko Ikuta (Kobe University, Japan)**  
Studies on R(+)- $\alpha$ -lipoic acid-cyclodextrin complex and its applications

**9:55 – 10:15    IL11    Sophie Fourmentin (Universite du Littoral-Cote d'Opale, France)**  
Encapsulation of volatiles in cyclodextrins: state of art, recommendations and perspectives

10:15 – 10:30    Tea/Coffee Break

*Session 8 <Sophia Symposium> \_\_\_\_\_ Chair: Sophie Fourmentin (University of Littoral, France)*

**10:30 – 10:50    IL12    Lajos Szenté (CycloLab Ltd, Hungary)**  
Cyclodextrins as Active Pharmaceuticals and Diagnostic Agents

**10:50 – 11:10    IL13    Hidetoshi Arima (Kumamoto University, Japan)**  
Cyclodextrins as drug targeting vehicles and active pharmaceutical ingredients

\_\_\_\_\_ Chair: Hidetoshi Arima (Kumamoto University, Japan)

**11:15 – 11:55    PL2    Cristin D. Davidson (Albert Einstein College of Medicine, United States of America)**  
Long term efficacy of different cyclodextrins for the treatment of Niemann-Pick type C disease

11:55 – 12:50    Lunch

12:50 – 14:20    *Poster Session II*



Session 9 \_\_\_\_\_ Chair: Naoko Ikuta (Kobe University, Japan),  
Matthieu Sollogoub (Sorbonne University, France)

- 14:20 – 14:35 O09 Cédric Przybylski (Sorbonne University, France)**  
spectrometry as a Swiss knife for the structural deciphering of cyclodextrin derivatives: from single molecule to macromolecular assemblies
- 14:35 – 14:50 O10 Zeng-guo Feng (Beijing Institute of Technology, China)**  
Characterization of Polyrotaxanes based on Inclusion Complexes of  $\beta$ -CDs with Ferrocene Containing ATRP Initiators
- 14:50 – 15:05 O11 Pier-Luc Champagne (University of Calgary, Canada)**  
New Family of Cyclodextrin Thermotropic Liquid Crystals Self-Assembly and Its Potential as Ion Transport Materials
- 15:05 – 15:20 O12 Chang-Chun Ling (University of Calgary, Canada)**  
SulfoPEGylated Cyclodextrins, a Novel Family of Structurally Well-defined Excipients
- 15:20 – 15:35 Tea/Coffee Break

Session 10 \_\_\_\_\_ Chair: Francesco Trotta (University of Torino, Italy)

- 15:35 – 15:50 O13 Yuya Egawa (Josai University, Japan)**  
Machines based on the Combination of Phenylboronic Acid and Cyclodextrins
- 15:50 – 16:05 O14 István Puskás (CycloLab Ltd, Hungary)**  
Properties of Cyclodextrin Polymer Layers Adsorbed on Polystyrene Latex Nanoparticles
- 16:05 – 16:20 O15 Bernard Martel (University of Lille, France)**  
Multi-shaped materials designed from cyclodextrin-based polyelectrolyte complexes
- 16:20 – 16:25 PC-time

Session 11 \_\_\_\_\_ Chair: Kohzo Ito (The University of Tokyo, Japan)

- 16:25 – 16:45 IL14 Matthieu Sollogoub (Sorbonne University, France)**  
Selective functionalizations of Cyclodextrins for bio-inspired applications
- 16:45 – 17:05 IL15 Francesco A. Trotta (University of Turin, Italy)**  
New redox responsive cyclodextrin nanosponges
- 18:00 – 20:00 *Buquet at Hotel New Otani, Room: 'HŌ(鳳凰)'*

**Monday April 30, 2018**

9:00 – 9:15      **Registration**

*Session 12* \_\_\_\_\_ *Chair: Kazuaki Kato (The University of Tokyo, Japan),  
Ingo Jeschke (Wacker Chemie AG, Germany))*

**9:15 – 9:30    O16   Reiichiro Tsuchiya (Daito Kasei Kogyo Co., Ltd, Japan)**  
Solubilization of ultraviolet absorbers by cyclodextrin and application  
for cosmetics

**9:30 – 9:45    O17   Stéphanie Degoutin (University of Lille, France)**  
Drug-eluting stents coated by simvastatin-loaded poly-cyclodextrin  
nanofibers: in vitro release study and in vivo preliminary evaluation

**9:45 – 10:00   O18   Maria Pia Casaletto (Istituto per lo Studio dei Materiali  
Nanostrutturati, Italy)**  
 $\beta$ -Cyclodextrins for the Preventive Conservation of Cultural Heritage

**10:00 – 10:15   O19   Veronique Bonnet (Universite de Picardie Jules Verne,  
Amiens France)**  
Preparation of vesicles based on amphiphilic cyclodextrins to release  
slowly loaded atazanavir and improve uptake in the Blood Brain  
Barrier cells.

10:15 – 10:35    Tea/Coffee Break

*Session 13* \_\_\_\_\_ *Chair: Chris Easton (Australian National University, Australia),  
Kenjiro Higashi (Chiba University, Japan)*

**10:35 – 10:55   IL16   Antonino Mazzaglia (CNR-ISMN c/o / University of  
Messina, Italy)**  
Nanoconstructs based on Cyclodextrin: Design, Advances in Combined  
Drug Delivery and Theranostic Approaches

**10:55 – 11:15   IL17   Jun Li (National Univeristy of Singapore, Singapore)**  
Host-Guest Self-Assembly based on  $\beta$ -Cyclodextrin Copolymers for  
Controlling Molecular Architectures of Gene Carriers for Efficient  
DNA and siRNA Delivery

**11:20 – 11:40   IL18   Thorsteinn Loftsson (University of Iceland, Iceland)**  
Cyclodextrin nanoparticles for topical drug delivery to the posterior  
segment of the eye: in vitro studies and clinical evaluations

**11:40 – 12:00   IL19   Ingo Jeschke (Wacker Chemie AG, Germany)**  
Use of cyclodextrins as controlled release technique for insect  
repellent formulations

12:00 – 13:00 Lunch

13:00 – 13:20 *Announcement of next ICS and Poster Award Ceremony*

*Session 14* \_\_\_\_\_ *Chair: Helmut Viernstein (University of Vienna, Austria)*

**13:20 – 13:40 IL21 Kazuaki Kato (The University of Tokyo/National Institute for Materials Science, Japan)**

Stretch-induced Intramolecular Phase Separation of Cyclodextrin-based Polyrotaxane

**13:40 – 14:00 IL22 Chris Easton (Australian National University, Australia)**

Construction of Cyclodextrin Based Functional Devices for Solution and Solid State Applications

14:00 – 14:05 PC-time

*Session 15* \_\_\_\_\_ *Chair: Antonino Mazzaglia (CNR-ISMN c/o Univ. Messina, Italy),  
Thornsteinn Loftsson (University of Iceland, Iceland)*

**14:05 – 14:20 O20 Eric Monflier (University of Artois, France)**

Transition metal catalysis in cyclodextrin-based unconventional reaction media

**14:20 – 14:35 O21 Junzuo Wang (Wacker Chemical Corporation, United States of America)**

Removal of organic contaminants from water using beta-cyclodextrin-triazine polymer

**14:35 – 14:50 O22 Anne Ponchel (University of Artois, France)**

Uses of cyclodextrins for the preparation of environmental oxidation catalysts: from dispersing agents to supramolecular templates

**14:50 – 15:05 O23 Ying-Ming Zhang (Nankai University, China)**

Cyclodextrin-Based Bioactive Nanosupramolecular Assemblies

15:05 – 15:25 Tea/Coffee Break

*Session 16* \_\_\_\_\_ *Chair: Tsukasa Ikeda (Utsunomiya University, Japan),  
Yuya Egawa (Josai University, Japan)*

**15:25 – 15:40 O24 Tatsuyuki Yamamoto (Shimane University, Japan)**

A Raman microspectroscopic study on the destruction process of liposome membranes by hepta-6-benzylamino- $\beta$ -cyclodextrin

- 15:40 – 15:55 O25 Nozomu Suzuki (Rikkyo University, Japan)**  
Chiral Separation of Phenoxypropionic Acid with Cyclodextrin:  
Kinetic Study by Moment Analysis Based on Affinity Capillary  
Electrophoresis
- 15:55 – 16:10 O26 Ángel Pineiro (Universidade de Santiago de Compostela,  
Spain)**  
Computational molecular dynamics simulations of Cyclodextrin  
systems: a must
- 16:10 – 16:25 O27 Rebeca Garcia Fandino (Universidade do Porto, Portugal)**  
Computational simulation, Virtual/Augmented Reality and 3D-printing  
for Cyclodextrin Visualization and Research

***Closing Remarks***

- 16:25 – 16:40 Keiko Takahashi (Tokyo Polytechnic University, Japan)  
Takashi Hayashita (Sophia University, Japan)

## Poster Session

April 28 (Sat) 12:50-14:20 and April 29 (Sun) 12:50-14:20

### *Presentation time*

*Odd: April 28 (Sat) 12:50-13:35 and April 29 (Sun) 13:35-14:20*

*Even: April 28 (Sat) 13:35-14:20 and April 29 (Sun) 12:50-13:35*

- P01 Khummanee Nattida (Thammasat University, Thailand)**  
Cyclodextrin glycosyltransferase-catalyzed synthesis of pinoreosinol- $\alpha$ -D-glucoside with antioxidant and anti-inflammatory activities
- P02 Kaulpiboon Jarunee (Thammasat University, Thailand)**  
Biosynthesis of methyl glucoside and its potential role in antibacterial activity
- P03 Adrian Ricardo Hipolito Najera (Universidad Nacional Autonoma de Mexico, Mexico)**  
Speciation of indomethacin-cyclodextrins inclusion complex in water
- P04 Hidefumi Yoshii (Kagawa University, Japan)**  
Formation of rare sugar powder with vacuum drying using additives
- P05 Taishi Higashi (Kumamoto University, Japan)**  
Efficient Anticancer Drug Delivery for Pancreatic Cancer Treatment Utilizing Self-assembly PEGylated Bromelain
- P06 Ahmed Fouad Abdelwahab Mohammed (Kumamoto University, Japan)**  
Induction of RNAi Using a siRNA complex with Folate PEG-appended Polyamidoamine Dendrimer (G3) Conjugates with Glucuronylglucosyl- $\beta$ -cyclodextrin as Novel Tumor Cell Targeted siRNA Carriers
- P07 Pitsiree Praphanwittaya (University of Iceland, Iceland)**  
Effect of Hydrophilic Polymers on Cyclodextrin Complexation and Solubilization of Kinase Inhibitors
- P08 Angel Concheiro (Universidade de Santiago de Compostela, Spain)**  
Cyclodextrin-grafted filter paper for selective removal of anti-inflammatory drugs from aqueous environment

- P09 Keisuke Yoshikiyo (Shimane University, Japan)**  
Absorption property of powdery inclusion complex of perilla oil with  $\gamma$ -cyclodextrin in rat intestine
- P10 Mio Suzuki (Sophia University, Japan)**  
Addition effects of cyclodextrin in ionic liquid electrolytes (III) -Influence of CD content on ionic conductivity-
- P11 Kerstin Egele (Saarland University, Germany)**  
Synthesis of a new polyalkylenphosphate-based polyrotaxane and evaluation of its potential in treatment of Niemann-Pick Type C disease.
- P12 Karolína Kučáková (UCT Prague, Czech Republic)**  
NMR study of cholesterol complex with heptakis(2,3,6-tri-O-methy)- $\beta$ -cyclodextrin
- P13 Yukiko Uekaji (CycloChem Bio Co., Ltd., Japan)**  
Preparation of Reduced Form of Coenzyme Q10 by Complexation with  $\gamma$ -Cyclodextrin
- P14 Yuki Maeda (Kumamoto University, Japan)**  
Evaluation of Lactose-appended  $\beta$ -Cyclodextrin as a Novel Therapeutic Agent for Niemann-Pick Type C Disease
- P15 Van Anh Thi Nguyen (Kagawa University, Japan)**  
Formation inclusion complex of cyclodextrin and allyl sulfide and thier stability
- P16 Hermawan Dwi Ariyanto (Ehime University, Japan)**  
The Impact of Moisture Absorption on the Release Behavior of 1-Methylcyclopropene/ $\alpha$ -Cyclodextrin Inclusion Complexes
- P17 Yoshiyuki Ishida (CycloChem Bio Co., Ltd., Japan)**  
Development of Ursolic Acid Contained Ku-ding-tea Leaf Extract- $\gamma$ -Cyclodextrin Complex with High Bioavailability
- P18 Takahiro Furune (CycloChem Bio Co., Ltd., Japan)**  
A thermal stability comparison of  $\alpha$ -Cyclodextrin and the other carbohydrates

- P19 Ryusuke Tsuchie (Shibaura Institute of Technology, Japan)**  
Cyclodextrin host-guest chemistry triggers folding of modified short peptide having double naphthalene arms
- P20 Hinako Okamoto**  
**(Kobe University, Japan / CycloChem Bio Co., Ltd., Kobe, Japan)**  
Pungent Component in Daikon Stabilized by  $\alpha$ -Cyclodextrin Suppressed Obesity in Mice
- P21 Tamas Sohajda (CycloLab Ltd, Hungary)**  
Utility of Cyclodextrins in Protein Formulations
- P22 Reiko Saito (Tokyo Institute of Technology, Japan)**  
Inclusion compound of cyclodextrin modified having poly(acrylic acid) arms and poly(amideimide) for battery material
- P23 Éva Fenyvesi (CycloLab Ltd, Hungary)**  
Effect of Triclosan/Cyclodextrin Complexes on Bacterial Communication
- P24 Noriko Ogawa (Aichi Gakuin University, Japan)**  
Evaluation of isoprenoid compounds- $\gamma$ -cyclodextrin inclusion complexes and inclusion complex crystals
- P25 Makoto Anraku (Sojo University, Japan)**  
Surface-deacetylated chitin nanofibers reinforced with a sulfobutyl ether  $\beta$ -cyclodextrin gel loaded with prednisolone as potential therapy for inflammatory bowel disease.
- P26 Daisuke Iohara (Sojo University, Japan)**  
Crystallization Behavior of Amorphous Drug Complex in the Presence of Two Different Cyclodextrins
- P27 Takayuki Furuishi (Hoshi University, Japan)**  
Ternary system of mirtazapine with sulfobutylether- $\beta$ -cyclodextrin and propylene glycol alginate
- P28 Tatsuro Tominaga (Kobe Gakuin University, Japan)**  
Trial of the synthesis of host molecules with the combined characteristics of both cyclodextrins and cucurbiturils

- P29 Masanori Okubo (Sojo University, Japan / Pharma-Daiwa Co., Japan)**  
Preparation of thermoresponsive sangelose<sup>®</sup>/cyclodextrin injectable gel for a sustained release system of proteins
- P30 Nicolas Tabary (Universite Lille, France)**  
Functionalization of ePTFE vascular graft via a polydopamine/polyethylene imine/polycyclodextrin platform for prolonged release of antibiotics
- P31 Chutimon Muankaew (Siam University, Thailand)**  
Cationic Crosslinked  $\gamma$ -Cyclodextrin: Characterizations, Complex Formation and Effect of Cationic Polymer on The Antimicrobial Activity
- P32 Maria Jose Garcia-Fernandez (Universite Lille, France)**  
Cyclodextrin polymer as a multifunctional excipient in tablet formulations
- P33 Tetsuo Kuwabara (University of Yamanashi, Japan)**  
Synthesis and Molecular Recognition of  $\beta$ -Cyclodextrin Bearing a Coumarin
- P34 Shun Yasunaga (Kobe Gakuin University, Japan)**  
Tetra and Hexamannoepoxides of  $\gamma$ -Cyclodextrin: One-pot Synthesis and Catalysis in the Photocyclodimerization of 2-Anthracenecarboxylic Acid
- P35 Yuki Kobayashi (Josai University, Japan)**  
One-Pot Preparation of Slide-Ring Gels Using a Vinyl-Modified Cyclodextrin
- P36 Thanyada Rungrotmongkol (Chulalongkorn University, Thailand)**  
Molecular Insights into Inclusion Complexes of Mansonone E and H Enantiomers with various  $\beta$ -cyclodextrins
- P37 Akiho Mitsumori (Josai University, Japan)**  
Quantitative analysis of cyclodextrins by HPLC-ECD
- P38 Tokio Morita (Shibaura Institute of Technology, Japan)**  
HP $\beta$ CD reversibly regulate folding of double naphthalene modified short peptide
- P39 Makoto Fukudome (Kobe Gakuin University, Japan)**  
Synthesis and Structure of Rotaxanes Constructed of  $\alpha$ -Cyclodextrin Derivatives with Distorted Cavity



- P40 Hayata Takeda (Gunma University, Japan)**  
Evaluation of physical properties of polylactic acid / modified cyclodextrin complex
- P41 Corina Aramă (University of Medicine and Pharmacy “Carol Davila” Bucharest, Romania)**  
Electrophoretic and spectrometric characterization of the competitive interactions of drug racemates and amino acid based chiral ionic liquids with cyclodextrins
- P42 Sophie Fourmentin (Université du Littoral-Côte d'Opale, France)**  
Deep eutectic solvents incorporating cyclodextrins: promising candidates for the solubilisation of organic compounds
- P43 Tetsuo Sasaki (Shizuoka University, Japan)**  
Evaluation of  $\alpha$ -Cyclodextrin Hexahydrate Crystal by High Accuracy Terahertz Spectroscopy
- P44 Yoshiki Oda (Tokai University, Japan)**  
Synthesis of  $\beta$ -cyclodextrin derivatives multivalently conjugated with carbohydrate moieties through click chemistry reaction
- P45 Madoka Kimura (CycloChem Bio Co., Ltd., Japan)**  
Evaluation of Methylation Degree of the Commercial Methylated  $\beta$ -Cyclodextrins
- P46 Arisa Ishimoto (Chiba University, Japan)**  
Preparation of cholesteryl oleate/ $\gamma$ -cyclodextrin nanoparticles by solvent diffusion method
- P47 Anna Vlasova (Dublin Institute of Technology, Ireland)**  
Folate Receptor Targeted Drug Delivery System Based on Cyclodextrins for Cancer Therapy
- P48 Yoshihisa Sei (Tokyo Institute of Technology, Japan)**  
Unique nucleic magnetic resonance behavior of  $\gamma$ -cyclodextrin in non-aqueous solutions

- P49 Taisuke Sato (Tokyo Polytechnic University, Japan)**  
The effect of cyclodextrins on precipitation of the ingredient for Japanese traditional rouge, “Sasa-iro-beni”
- P50 Dennis H. Schwarz (Saarland University, Germany)**  
Cyclodextrin-hyaluronic acid conjugates as side-specific drug carriers
- P51 Lan Jiang (The University of Tokyo, Japan)**  
A highly stretchable and reversible slide-ring gel with wide cross-links slidable range
- P52 Tatsuhiko Hattori (Sophia University, Japan)**  
Design and Supramolecular Chirality Function of Cyclodextrin Complexes with Ditopic Type Probe Possessing Phenylboronic Acid and Dipicolylamine Recognition Sites
- P53 Yusei Yamada (Kumamoto University, Japan)**  
Pre-clinical efficacy and safety of HP- $\gamma$ -CD as a novel therapeutic drug candidate for Niemann-Pick disease type C and its mechanistic analyses
- P54 Suzuka Soma (Sophia University, Japan)**  
Development of Dipicolylamine Fluorescent Probe / Cyclodextrin Complex Gel for Recognition of Phosphoric Acid Derivatives
- P55 Hiroshi Ikeda (Tokyo Institute of Technology, Japan)**  
Structures of Inclusion Complexes of Leaf Alcohol or Its Analogs with  $\alpha$ -Cyclodextrin
- P56 Stéphane Menuel (UCCS-Artois, France)**  
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