Sunday, 28 August 2011

Registration
10:00-12:00  Front Foyer, University House

Welcome Barbeque Lunch at Tidbinbila National Park
(All Welcome)
12:00  Tour Bus Departs from University House Front Foyer
18:30  Tour Bus Returns to University House Front Foyer

Monday, 29 August 2011

Registration
8:00  The Foyer, The Shine Dome

Opening Remarks
8:50  Ian Wark Theatre, The Shine Dome
     Chris Easton, Australian National University

Oral Session I
9:00-10:30  Ian Wark Theatre, The Shine Dome
Chair: Chris Easton, Australian National University, Australia
9:00  OP-01.  Ildoo Chung (Pusan National University, Korea)
          Anti-HIV Active Polyrotaxane-3'-Azido-3'-deoxythymidine Conjugates and Their Nanoparticles
9:30  OP-02.  Bhesh Bhandari (University of Queensland, Australia)
          Cyclodextrins for food ingredient encapsulation
10:00  OP-03.  Tsukasa Ikeda (Utsunomiya University, Japan)
          Inhibition of Bacterial Communication using Cyclodextrins

Morning Tea
10:30-11:00  The Jaeger Room, The Shine Dome
Oral Session II

11:00-12:30  Ian Wark Theatre, The Shine Dome
Chair: Yu Liu, Nankai University, P.R. China

11:00  OP-04.  Martina Stenzel (University of New South Wales, Australia)
Conjugation of cyclodextrin to polymers for the preparation of complex polymer architectures

11:30  OP-05.  Piamsook Pongsawasdi (Chulalongkorn University, Thailand)
Tailor-made synthesis of large-ring cyclodextrin by a novel amylomaltase from C. glutamicum

12:00  OP-06.  Wensheng Cai (Nankai University, P.R. China)
Cyclodextrin-based molecular machines. Insights from Free-Energy Calculations

Lunch

12:30-14:00  The Jaeger Room, The Shine Dome

Oral Session III

14:00-15:30  Ian Wark Theatre, The Shine Dome
Chair: Stephen Lincoln, University of Adelaide, Australia

14:00  OP-07.  Kaneto Uekama (Sojo University, Japan)
Novel Approach of Cyclodextrin-based Pharmaceutical Formulation

14:30  OC-01.  Hiroshi Masai (Kyoto University, Japan.)
Permethylated Cyclodextrin Based-Insulated Molecular Wires with Porphyrins

14:50  KN-01.  Keynote lecture
Ted Whittem (University of Melbourne, Australia)
Neurosteroid Anaesthesia – A Market Success For Cyclodextrins

Poster Session I

15:30-17:00  The Jaeger Room, The Shine Dome
Afternoon Tea will be provided
Tuesday, 30 August 2011

Oral Session IV

8:30-10:30  Ian Wark Theatre, The Shine Dome
            Chair: Chang-Sik Ha, Pusan National University, Korea

  8:30  OP-08.  Akira Harada (Osaka University, Japan)
              *Macroscopic Self-Assembly through Molecular Recognition*

  9:00  OP-09.  Shao-Min Shuang (Shanxi University, P. R. China)
              *Molecular Recognition based on Naproxen-Cyclodextrin Conjugate and*
              *Analytical Application for Phosphorescence Dibromomethane Sensing*

  9:30  OP-10.  Beverley D. Glass (James Cook University, Australia)
              *Cyclodextrin Inclusion Complexation and Drug Photostability: Implications for*
              *Formulation of Drug products*

  10:00  OP-11. Cheng Yang (Osaka University, Japan)
          *Wavelength-Controlled Stereoselectivity in Photocyclodimerization of*
          *2-Anthracenecarboxylic Acid Mediated by γ-Cyclodextrin Derivatives*

Poster Session II

10:30-12:00  The Jaeger Room, The Shine Dome
            Exhibition Posters also presented
            Morning Tea will be provided

Lunch

12:00-13:00  The Jaeger Room, The Shine Dome

Asian and Oceanian Cyclodextrin League (AOCL) Meeting
(AOCL board members only)

12:00-13:00  The Becker Room, The Shine Dome

Canberra Tour – Parliament House & National Art Gallery

13:00-17:30  Tour Bus Departs from The Shine Dome

Conference Dinner

19:00  Teatro Vivaldi
Wednesday, 31 August 2011

Oral Session V

9:00-10:30  Ian Wark Theatre, The Shine Dome
            Chair: Tsukasa Ikeda, Utsunomiya University, Japan

9:00  OP-12.  Koji Kano (Doshisha University, Japan)
Poly(acrylic acid)s Modified by Supramolecule that Carries Oxygen and Carbon
Monoxide in Aqueous Solution

9:30  OP-13.  Eric Monflier (University of Artois, France)
Transition metal catalysis in water assisted by cyclodextrins

10:00  OP-14.  Jun Li (National University of Singapore, Singapore)
Multifunctional Supramolecular Nanocarrier for Simultaneous Gene and Drug
Delivery and Cellular Imaging

Morning Tea

10:30-11:00  The Jaeger Room, The Shine Dome

Oral Session VI

11:00-12:30  Ian Wark Theatre, The Shine Dome
            Chair: Wensheng Cai, Nankai University, P.R. China

11:00  OP-15.  Michelle McIntosh (Monash University, Australia)
The influence of cyclodextrins on in vivo drug disposition and elimination

11:30  OC-02.  Hwi-Young Lee (Australian National University, Australia)
Crystal Engineering with Cyclodextrin Based Rotaxanes for Material Science
Applications

11:50  OC-03.  Hiroyasu Yamaguchi (Osaka University, Japan)
Selective Assembly of Gels through Molecular Recognition of Cyclodextrins for
Linear and Cyclic Guest Molecules

12:10  OC-04.  Anne Ponchel (University of Artois, France.)
Hard-Template synthesis of mesoporous carbons using cyclodextrins and
host-guest complexes and their applications in aqueous catalysis

Lunch

12:30-14:00  The Jaeger Room, The Shine Dome
Oral Session VII

14:00-15:30  Ian Wark Theatre, The Shine Dome
Chair: Koji Kano, Doshisha University, Japan

14:00  OP-16.  Yu Liu (Nankai University, P.R. China)
Supramolecular Assemblies of Cyclodextrins with Carbonaceous Nanomaterials

14:30  OP-17.  Chang-Sik Ha (Pusan National University, Korea)
Supramolecular Nanovalves with Cyclodextrin as a Capper

15:00  OP-18.  Stephen F. Lincoln (University of Adelaide, Australia)
Supramolecular Chemistry of Aqueous Poly(acrylate)-Cyclodextrin Systems

Closing Remarks

15:30  Ian Wark Theatre, The Shine Dome
Chris Easton, Australian National University
Prize winners will be announced
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<td>PP-01</td>
<td>Efficient Fluorescence Sensing of Hg²⁺ by Naphthylthioureacyclodextrin-porphyrin Supramolecular Assembly through Cooperative Effects</td>
<td>Yong Chen and Li-Hua Wang</td>
<td>Nankai University, P.R. China</td>
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<td>PP-02</td>
<td>Synthesis of Amino Modified Cyclodextrin for Quorum Sensing Inhibition</td>
<td>Masayo Ebina</td>
<td>Utsunomiya University, Japan</td>
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<td>PP-03</td>
<td>Analysis of nanostructured calcite crystals covered with pure cyclodextrins and cyclodextrin inclusion complexes</td>
<td>Paweł Gierycz</td>
<td>Polish Academy of Sciences, Poland</td>
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<td>PP-04</td>
<td>Preparation and characterization of sugar-self guest hybrid α- and β-cyclodextrins through 6-ether-bond; the dependency of the molecular recognition on structure of arm</td>
<td>Shoji Fujiwara</td>
<td>Tokyo Polytechnic University, Japan</td>
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<td>PP-05</td>
<td>Unidirectional Motion from Cyclodextrin-Based Mechanically Interlocked Molecules</td>
<td>Shenglin Jin</td>
<td>Australia National University, Australia</td>
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<td>PP-06</td>
<td>Synthesis and Structure of Reducing Terminal Modified Maltooligosaccharides Through Acid-Catalyzed Ring Opening of Cyclodextrin Derivatives</td>
<td>Makoto Fukudome</td>
<td>Nagasaki University, Japan</td>
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<td>PP-07</td>
<td>Inclusion Complex Structure of Doxorubicin With An Arbutin-β-cyclodextrin Conjugate</td>
<td>Takashi Yamanoi</td>
<td>The Noguchi Institute, Japan</td>
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<td>PP-08</td>
<td>Peptide Chirality Sensing by Cyclodextrin-Polythiophene Conjugate</td>
<td>Gaku Fukuhara</td>
<td>Osaka University, Japan</td>
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<td>PP-09</td>
<td>Function of Tyr-172 of Amylomaltase from Corynebacterium glutamicum: Effect on Large-ring Cyclodextrin Production Profile</td>
<td>Wiraya Srisimarat</td>
<td>Chulalongkorn University, Thailand</td>
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<td>PP-10</td>
<td>Polypseudorotaxanes of PEGylated Polyamidamine Dendrimer with Cyclodextrins : Application to Sustained Release System for DNA Delivery</td>
<td>Taishi Higashi</td>
<td>Kumamoto University, Japan</td>
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<td>PP-11</td>
<td>Synthesis of β-Cyclodextrin Trimers for Novel Polymer Networks</td>
<td>Duc-Truc Pham</td>
<td>University of Adelaide, Australia</td>
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<td>PP-12</td>
<td>Evaluation of dissolution mechanism of drug/(polymer/γ-CD-polypseudorotaxane) complex</td>
<td>Kenjirou Higashi</td>
<td>Chiba University, Japan</td>
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<td>PP-13</td>
<td>Macroscopic Observation of Molecular Recognition: Discrimination of the Substituted Position on Naphthyl Group by Polyacrylamide Gel Modified with β-Cyclodextrin</td>
<td>Yongtai Zheng</td>
<td>Osaka University, Japan</td>
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PP-14. Takako Ishiguro and Masanori Okubo (Sojo University, Japan)
Control of Polymorphic Transition of Chlorpropamide by 2-Hydroxybutyl-β-cyclodextrin

PP-15. Ka-Heng Loh (Australian National University, Australia)
A cyclodextrin-based synthetic ion channel with a pH switchable gate

PP-16. Tadashi Kamiyama (Kinki University, Japan)
Effects of cyclodextrin on stability and conformation of globular protein

PP-17. Shao-Min Shuang (Shanxi University, P. R. China)
Inclusion Interaction of β-CD-functionalized Fe₃O₄ Magnetic Nanoparticles for Methylene Blue

PP-18. Hideki Onagi (Australian National University, Australia)
A pH Driven Energy Harnessing Nanomachine

Poster Session II - The Jaeger Room, The Shine Dome
10:30-12:00 Tuesday, 30 August 2011

PP-19. Roman Luboradzki (Polish Academy of Sciences, Poland)
Structural Characterisation of β-Cyclodextrin Complexes with (+) and (-) Menthol

PP-20. Kenji Watanabe (Doshisha University, Japan)
Supramolecular Cyanide Ion Receptors that Function in the Body

PP-21. Jun Terao (Kyoto University, Japan)
Syntheses of Head-to-tail-type Cyclodextrin-based Insulated Molecular Wires

PP-22. Kaoruko Iwashita (Sojo University, Japan)
Preparation of Stable Hydrophilic C₆₀ Nanoparticles by 2-Hydroxypropyl-β-cyclodextrin

PP-23. Mabike Mamenzigou Uyanzindile (Utsunomiya University, Japan)
Cyclodextrin Complexation of Bacterial Communication Signal Compounds

PP-24. Keiko Takahashi (Tokyo Polytechnic University, Japan)
Quantitative Analysis for Pseudo[n] Rotaxane between Congo Red Derivatives And γ-Cyclodextrin Using by Continuous Concentration Method of NMR

PP-25. Malgorzata Wszelaka-Rylik (Polish Academy of Sciences, Poland)
Calorimetry in the complexation study of biologically important molecules by cyclodextrin

PP-26. Risako Onodera (Kumamoto University, Japan)
Preparation and Evaluation of Folate-appended Methyl-β-Cyclodextrin as New Antitumor Agents

PP-27. Ying-Ming Zhang and Jian-Yu Zheng (Nankai University, P.R. China)
Hydrogen Bonding-Induced Molecular Assemblies of β-Cyclodextrin with Piperazine and 1,4-Dioxane in Aqueous Solution and Solid State
PP-28. Malgorzata Kozbial (Polish Academy of Sciences, Poland)
Physicochemical properties of cyclodextrins inclusion complexes with bioactive acyclovir derivative

PP-29. Takayuki Anno (Kumamoto University, Japan)
Cellular uptake and intracellular behavior of dendrimer (G2)/branched β-cyclodextrin conjugate

PP-30. Takuya Imai (Utsunomiya University, Japan)
Inhibition of Quorum Sensing in Gram-Negative Bacteria by Amino Acid Modified Cyclodextrins

PP-31. Katsunori Teranishi (Mie University, Japan)
Real-Time Near-Infrared Fluorescence Imaging of Ureters Using Cyclodextrin-Conjugated Cyanine Fluorophore

PP-32. Shao-Min Shuang (Shanxi University, P. R. China)
Study on the Inclusion Behaviour between Ketoprofen and Fe₃O₄ Magnetic/β-Cyclodextrin Composite

PP-33. Keiichi Karasugi (Doshisha University, Japan.)
Synthesis and Pharmacokinetics of Gold Nanoparticles that Carry Diatomic Molecules (O₂ and CO) in Aqueous Solution.

Exhibition Posters

EX-01. Feihua (Lucy) Cao (Australian National University, Australia)
Inhibition of Peptidylglycine α-Amidating Monooxygenase (PAM)

EX-02. Hye-Kyung Kim (Australian National University, Australia)
Free Radical Pathway of Peptidylglycine α-Amidating Monooxygenase (PAM) and Regulation of The Enzyme from Human Cancer Cell Lines

EX-03. Hye-Kyung Kim (Australian National University, Australia)
Incorporation of Chlorinated Isosteres of Aliphatic Amino Acids During Cell-free Protein Synthesis

EX-04. James E. Hennessy (Australian National University, Australia)
BioUrea – Improved Methods for Fertiliser Production

EX-05. Amy Philbrook (Australian National University, Australia)
Carbon Neutral Biofuels

EX-06. Samuel A. Fraser (Australian National University, Australia)
Cell-Free Protein Synthesis with Dehydro Amino Acids