



# PROGRAM SIPCD 2024

Worldhotel Grand DushuLake • Suzhou • China

20–23 September 2024

## 20 SEPTEMBER 2024 | FRIDAY

### 13:00–21:30 REGISTRATION

Main Building Lobby

### 18:00–20:30 WELCOME RECEPTION

Octagon Buffet Restaurant

## 21 SEPTEMBER 2024 | SATURDAY

### 08:30–08:35 OPENING CEREMONY (Grand Ballroom)

**Stefaan De Smedt** Ghent University, Belgium

### 08:35–10:15 SESSION ONE (Grand Ballroom)

#### Chairpersons:

**Kinam Park** Purdue University, USA  
**Martina Stenzel** University of New South Wales, Australia

08:35–09:00 **Kazunori Kataoka** Kawasaki Institute of Industrial Promotion, Japan  
*Polymer-based engineered nanosystems for smart therapy of intractable diseases*

09:00–09:25 **Maria J. Vicent** Centro de Investigación Príncipe Felipe, Spain  
*Polypeptide-based nanomedicine: revealing tropism and overcoming biological barriers*

09:25–09:50 **Zhen Gu** Zhejiang University, China  
*Bioresponsive drug delivery*

09:50–10:15 **Rainer Haag** Freie Universität Berlin, Germany  
*TBD*

### 10:15–10:55 PHOTO & COFFEE

### 10:55–12:35 SESSION TWO (Grand Ballroom)

#### Chairpersons:

**Johan Engbersen** Twente University, The Netherlands  
**Yucai Wang** University of Science and Technology of China, China

10:55–11:20 **Wim E. Hennink** Utrecht University, The Netherlands  
*Professor Jan Feijen: 50 year of excellence in biodegradable polymers for biomedical and pharmaceutical applications*

11:20–11:45 **Jun Wang** South China University of Technology, China  
*Virus-mimetic fusogenic nanoparticles for cell-targeted drug delivery*

- 11:45–12:10 **Lola Eniola-Adefeso** University of Michigan, USA  
*Theraparticles for inside-out neutrophil control in acute inflammation*
- 12:10–12:35 **Julien Nicolas** University Paris-Saclay, CNRS, France  
*Drug-initiated synthesis of polymer-drug conjugates*
- 12:35–13:30 Lunch** (SuYuan Hall)
- 13:30–16:00 SESSION THREE** (Grand Ballroom)
- Chairpersons:** **Dirk Grijpma** Twente University, The Netherlands  
**Huabing Chen** Soochow University, China
- 13:30–13:55 **Stefaan De Smedt** Ghent University, Belgium  
*Observations which might inspire drug delivery scientists for guiding bio-therapeutics over biological barriers*
- 13:55–14:20 **Xun Sun** Sichuan University, China  
*Engineered nanoemulsions containing disease-associated antigens improve autoimmune diseases therapy*
- 14:20–14:45 **María José Alonso** University of Santiago de Compostela, Spain  
*TBD*
- 14:45–15:10 **Guangjun Nie** National Center for Nanoscience and Technology, China  
*Nanotechnology-enabled tumor microenvironment regulation*
- 15:10–15:35 **Twan Lammers** RWTH Aachen University Clinic, Germany  
*Strategies to promote cancer nanomedicine performance and clinical translation*
- 15:35–16:00 **Kanyi Pu** Nanyang Technological University, Singapore  
*Addressing optical imaging challenges for biomedical research*

**16:30–20:30 POSTER SESSION with Snacks and Wine** (SuYuan Hall)

**J. Control Release Poster Awards Selection Committee:** Twan Lammers (Chair), Chaoliang He, Dirk Grijpma, Honggang Cui, Johan Engbersen, Julien Nicolas, Lichen Yin, Rainer Haag

**22 SEPTEMBER 2024 | SUNDAY**

**08:30–10:10 SESSION FOUR** (Grand Ballroom)

- Chairpersons:** **Lola Eniola-Adefeso** University of Michigan, USA  
**Huayu Tian** Xiamen University, China
- 08:30–08:55 **Dennis Discher** University of Pennsylvania, USA  
*Convergent science for solid tumors: from polymersomes & filomicelles to macrophage checkpoint blockade & cancer immunity*
- 08:55–09:20 **Honggang Cui** The Johns Hopkins University, USA  
*From prodrugs to self-assembling prodrugs*

09:20–09:45	<b>Ana Paula Pêgo</b> University of Porto, Portugal <i>Exploring biodegradable dendrimers and neurotoxins for precision nervous system medicine</i>
09:45–10:10	<b>Cyrille Boyer</b> University of New South Wales, Australia <i>TBD</i>
<b>10:10–10:40</b>	<b>COFFEE</b>
<b>10:40–12:20</b>	<b>SESSION FIVE (Grand Ballroom)</b>
<b>Chairpersons:</b>	<b>María José Alonso</b> University of Santiago de Compostela, Spain <b>Runhui Liu</b> East China University of Science and Technology, China
10:40–11:05	<b>Jianjun Cheng</b> Westlake University, China <i>TBD</i>
11:05–11:30	<b>Martina Stenzel</b> University of New South Wales, Australia <i>The relationship between drug loading content and biological activity</i>
11:30–11:55	<b>Won Jong Kim</b> POSTECH, Korea <i>Modulation of nitric oxide for immunocancer therapy</i>
11:55–12:20	<b>Enrico Mastrobattista</b> Utrecht University, The Netherlands <i>Synthetic nanocarriers for local and systemic intracellular delivery of nucleic acids</i>
<b>12:20–13:30</b>	<b>Lunch (SuYuan Hall)</b>
<b>13:30–15:15</b>	<b>SESSION SIX: RISING STAR SESSION (Grand Ballroom)</b>
<b>Chairpersons:</b>	<b>Jan Feijen</b> Twente University, The Netherlands <b>Zhengwei Mao</b> Zhejiang University, China
13:30–13:37	<b>Baolin Guo</b> Xi'an Jiaotong University, China <i>Multifunctional hydrogels for rapid hemostasis and tissue repair</i>
13:37–13:44	<b>Bas G. P. van Ravensteijn</b> Utrecht University, The Netherlands <i>Leveraging pathway complexity in the synthesis of nano-pharmaceuticals</i>
13:44–13:51	<b>Haihua Xiao</b> Institute of Chemistry, Chinese Academy of Science, China <i>Polymer-based platinum(IV) prodrugs and their future development directions</i>
13:51–13:58	<b>Junjie Li</b> Kyushu University, Japan <i>Activable polymersome-based nanoreactors for targeted therapy</i>
13:58–14:05	<b>Kai Han</b> China Pharmaceutical University, China <i>Inulin-allergen gel for oral immunotherapy against food allergy</i>
14:05–14:12	<b>Meng Zheng</b> Henan University, China <i>Nanoparticles based targeted protein degradation</i>
14:12–14:19	<b>Roy van der Meel</b> Eindhoven University of Technology, The Netherlands <i>Nature-inspired nanotechnology for RNA delivery to immune cells</i>
14:19–14:26	<b>Tao Yang</b> Soochow University, China <i>Biopolymer-based drug carrier for synergistic therapy against intractable PDAC</i>
14:26–14:33	<b>Wantong Song</b> Changchun Institute of Applied Chemistry, China <i>Immunostimulatory polymers for modulating the immune stasis</i>

14:33–14:40	<b>Xiangrong Song</b> Sichuan University, China <i>mRNA therapeutics against cancers</i>
14:40–14:47	<b>Xing Guo</b> Southwest Jiaotong University, China <i>Biomimetic nanocarriers for ischemic stroke therapy</i>
14:47–14:54	<b>Yang Liu</b> Nankai University, China <i>Drug-free nanoparticle as high-efficient immunogenic cell death inducer for cancer immunotherapy</i>
14:54–15:01	<b>Zhihai Xu</b> East China Normal University, China <i>PROTAC nanoplatfrom for spatiotemporally tunable protein degradation and enhanced cancer therapy</i>
15:01–15:08	<b>Zhilin Yu</b> Nankai University, China <i>Morphology-adaptable peptide assemblies as drug delivery vehicles</i>
15:08–15:15	<b>Zifu Li</b> Huazhong University of Science and Technology, China <i>Regulating nanogel mechanics to boost drug delivery and antitumor efficacy</i>
<b>15:15–15:45</b>	<b>COFFEE</b>
<b>15:45–17:00</b>	<b>SESSION SEVEN</b> (Grand Ballroom)
<b>Chairpersons:</b>	<b>Wim E. Hennink</b> Utrecht University, The Netherlands <b>Xianzhu Yang</b> South China University of Technology, China
15:45–16:10	<b>Yoon Yeo</b> Purdue University, USA <i>Leveraging cancer immunotherapy by spatiotemporal control of drug delivery</i>
16:10–16:35	<b>Wei Tao</b> Harvard University, USA <i>Nano- &amp; microscale materials-enabled drug delivery technologies</i>
16:35–17:00	<b>Dan Peer</b> Tel Aviv University, Israel <i>Cell specific delivery of RNAs using targeted lipid nanoparticles: from vaccines to therapeutic genome editing</i>
<b>17:00–17:05</b>	<b>CLOSING OF SYMPOSIUM</b> (Grand Ballroom)
	<b>Zhiyuan Zhong</b> Soochow University, China
<b>18:48–21:30</b>	<b>BANQUET &amp; POSTER AWARDS</b> (Grand Ballroom)
	<b>Lecture</b> 你问我爱费扬有多深 “A tribute to Professor Jan Feijen for his lifetime achievements” by <b>Kinam Park</b> (Purdue University, USA)

## 23 SEPTEMBER 2024 | MONDAY

**09:00–14:00** **Humble Administrator's Garden and Ping Jiang Road Tour** (Optional)