

2010

11th European Symposium on Controlled Drug Delivery

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2010

11th European Symposium on Controlled Drug Delivery

The organizing committee cordially invites you to participate in the 11th edition of the European Symposium on Controlled Drug Delivery that will be held in Hotel Zuiderduin in Egmond aan Zee, The Netherlands.

Throughout the previous ten editions, the symposium has established itself as a high-quality symposium on all aspects of Advanced Drug Delivery. The beautiful location of hotel Zuiderduin, near the sandy beaches, and the excellent symposium program guarantees you both a relaxing and a scientifically rewarding event.

The symposium provides researchers from both academia and industry a leading forum in the field of controlled drug delivery, where the latest developments in various disciplines are discussed in the perspective of their applicability in innovative drug delivery systems. During the years this approach appeared to be particularly attractive for pharmaceutical scientists, polymer chemists and other life science oriented researchers and engineers.



PROGRAM

The symposium covers 2.5 days; from Wednesday 7 April 2010 until early afternoon on Friday 9 April 2010.

After arrival in Hotel Zuiderduin on Tuesday 6 April, you can join our get2gether welcome party in the evening from 20.30-21.30 hours.

The exciting scientific program comprises ca. 25 plenary presentations given by international experts from academia and industry on cutting edge topics in the field, and a poster session to stimulate informal interactions on specific topics of interest. Three prizes of € 300 will be awarded for the best poster presentations! Throughout the symposium sufficient time is reserved for discussions and meetings with colleagues. To strengthen social contacts, a symposium banquet is included in the program on Thursday evening.

WEDNESDAY, 7 APRIL, 2010

Opening lecture about a general topic of interest in controlled drug delivery.

After the opening lecture, we will continue with the theme **Novel Concepts in Drug Delivery**, with the lectures of

- ◆ Vincent Rotello, Univ Massachusetts, USA, "Delivery and sensing using gold nanoparticles"
- ◆ Samir Mitragotri, Univ Calif Santa Barbara, USA "Engineering polymeric nanoparticles for drug delivery"
- ◆ Pal Selbo, Univ Hosp Oslo, Norway "Photochemical internalization: A novel drug delivery system"
- ◆ David Lynn, Univ Wisconsin, USA "A 'multilayered' approach to the surface-mediated delivery of DNA and siRNA: from degradable cationic polymers to 'charge-shifting' polyelectrolytes"

In the afternoon, lectures focused on **Targeted Drug Delivery** will be given by

- ◆ Philip Low, Purdue Univ, USA "Ligand-targeted therapeutic and imaging agents for cancer and inflammatory diseases"
- ◆ Hilde Revets, Ablynx NV, Belgium "Alternative delivery of nanobodies"
- ◆ Yoshiki Katayama, Kyushu University, Japan "Intracellular signal-responsive artificial gene regulator for cell-specific gene delivery"

These presentations will be followed by two lectures in the field of **Nucleic Acid Delivery** by

- ◆ Raymond Schifflers, University of Utrecht, Netherlands "Delivery of small RNAs"
- ◆ Kevin Braeckmans, Univ of Ghent, Belgium "A novel method for characterizing the aggregation of nucleic acid containing nanoparticles in whole blood"

The Wednesday evening program is reserved for the **Poster Session**.

THURSDAY, 8 APRIL, 2010

The morning program continues with the theme **Nucleic Acid Delivery** with

- ◆ Chae-Ok Yun, Yonsei Univ, South Korea "Exploiting nanoconjugate for systemic adenovirus-mediated cancer gene therapy"
- ◆ Dan Peer, Tel Aviv Univ, Israel "Induction of therapeutic gene silencing in leukocyte-implicated diseases by targeted and stabilized nanoparticles"

Thereafter, three lectures will be presented in the topic **Particulate Vaccine Delivery**

- ◆ Darrell Irvine, MIT, USA "Cell-mediated delivery of therapeutic nanoparticles for vaccines and immunotherapy"
- ◆ Pål Johansen, Univ Zurich Hosp, Switzerland "Lympho-geographical considerations in vaccine delivery"
- ◆ Wim Jiskoot, Univ Leiden, Netherlands "Nasal vaccine delivery: the antigen, the adjuvant and the particle"



After lunch, lectures on **Ophthalmic Drug Delivery** will be given by

- ◆ Arto Urtti, Univ Helsinki, Finland "Posterior segment ocular drug delivery; barriers and prospects"
- ◆ Anuj Chauhan, Univ Florida, USA "Ophthalmic drug delivery by contact lenses loaded with nanoparticles"
- ◆ Karl G. Csaky, Duke Eye Center, USA "Overcoming barriers to episcleral drug delivery to the retina"

And in the theme **Image-guided and Triggered Drug Release** lectures will be given by

- ◆ Alexander Klivanov, Univ Virginia, USA "Image-guided ultrasound-triggered drug release from microbubble constructs"
- ◆ Marcel Bohmer, Philips Res Labs, Netherlands "Ultrasound triggered drug delivery using polymer-shelled microbubbles"

During the evening a **Symposium Banquet** will be organized for all participants.

FRIDAY, 9 APRIL, 2010

This morning program will continue the theme **Image-guided and Triggered Drug Release** with the lecture of

- ◆ Chrit Moonen, Univ Bordeaux, France "Ultrasound triggered, image guided, drug delivery"

The symposium program will be concluded with lectures in the theme **Bioactive Delivery for Tissue Engineering** by

- ◆ Aylvin Dias, DSM BioMed Mat, Netherlands "Amino acid containing degradable polymers and their potential in controlled drug delivery"
- ◆ Dirk Grijpma, Univ of Twente, Netherlands "Tissue engineering scaffolds by stereolithography"
- ◆ Tony Mikos, Rice Univ, USA "Emerging controlled release approaches for bone tissue engineering"
- ◆ Matthias Lutolf, EPFL Lausanne, Switzerland, "Engineering artificial extracellular matrices for stem cell biology and tissue engineering"

GENERAL INFORMATION

Symposium Location

The venue of the symposium is Hotel Zuiderduin, Zeeweg 52 - 1931 VL Egmond aan Zee, The Netherlands (www.zuiderduin.nl). A minibus shuttle service will be organized from and to Schiphol Airport on Tuesday afternoon and Friday afternoon, respectively.

Accommodation

Participants will be accommodated in Hotel Zuiderduin. Accommodation and all meals during the symposium are included in the registration package.

Registration

The registration package comprises: the symposium fee, meals and lodging in Hotel Zuiderduin from Tuesday night 6 April 2010 up to Friday 9 April 2010, the book of abstracts of the symposium, and a ticket to the symposium banquet.

The package rate (single room occupancy) is € 969,- (after February 15th 2010, € 998,-).

For PhD students the rates are € 698,- for single room occupancy, and € 644,- for shared double room occupancy (after February 15th 2010, € 725,- and € 669,- respectively).

Registration at the symposium is open on Tuesday evening, 6 April 2010 from 18.00 to 20.00 hours and on Wednesday morning, 7 April 2010 from 07.30 to 08.30 hours.

Further Information

The latest information on the symposium can be found on our homepage <http://www.esccd.eu>.

If you have any questions, please contact:

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CALL FOR POSTERS

The meetings and discussions during the Poster Session are an important part of the symposium. Participants are therefore strongly encouraged to contribute to the symposium with one or more posters in the broad field of Controlled Drug Delivery.

Three poster prizes of € 300,- will be awarded for the best poster presentations.

If you are interested in presenting your work during the poster session, you have to submit an abstract for review. The abstract, with a maximum of 750 words (ca. 3 pages A4) should be as informative as possible, containing the most relevant data and illustrations. All accepted abstracts will be incorporated in the symposium abstract book and will be published in a special issue of the Journal of Controlled Release.

The deadline for submitting a poster abstract is **February 15th 2010**. This gives you the opportunity to incorporate your latest scientific results in the abstract. Guidelines for format and text preparation of the abstract and poster dimensions will be given on the website of the symposium at www.esccd.eu

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