

ULLA summer school 2007 – full programme

Friday June 29 - Registration Day - Location: Hotel Leiden

- 16.00 – 19.00** *Registration for PhD students at registration desk.*
Here you will receive:
* A symposiumbook with general information and all abstracts
* Your name-badge (this is your ticket to all events) and personal program
* A bicycle
- 19.00 – 21.00** *Welcome reception and general announcements.*
Getting to know each other with drinks and snacks.

Saturday June 30 - Symposium Day - Location: Gorlaeus Laboratories - Lecture Hall 003

"Individualization: towards personalized medicines"

- 08.30 – 09.00** Mounting posters for PhD students in central hallway
- 09.00 – 09.05** *Welcome and Introduction.*
Prof.dr. Meindert Danhof, LACDR, Leiden, NL
Director of Research
- 09.05 – 09.40** *Personalized medicine and the new R&D paradigm.*
Dr. Thomas Senderovitz, UCB, Braine-l'Alleud, BE
VP Global Clinical Pharmacology and Experimental Medicine
- 09.40 – 10.15** *How far are we with bridging individualized medicine to risk management.*
Prof.dr. Bert.G.M. Leufkens, Institute for Pharmaceutical Sciences, Utrecht, NL
Head Division of Pharmacoepidemiology & Pharmacotherapy
- 10.15 – 10.50** *Tumor-specific drug-targets and individualized therapy.*
Prof.dr. Renee Bernards, Dutch Cancer Institute, Amsterdam, NL
Head Molecular Carcinogenesis and Director of Research NKI
- 10.50 – 11.15** Coffee and tea in central hallway
- 11.15 – 11.50** *Pediatric clinical pharmacology: a marriage between development and genetics.*
Prof.dr. John van den Anker, Georgetown University MC, Washington DC, USA
Principal Investigator NIH-NICHD Pediatric Pharmacology Research Unit
- 11.50 – 12.20** Panel discussion

- 12.20 – 12.30** *Top Institute Pharma: 300+ vacancies for PhDs and Post-Docs*
Prof.dr. Daan Crommelin, TI Pharma
- 12.30 – 14.00** Lunch at Gorlaeus Plaza
- 14.00 – 16.30** Selected oral presentations PhD students:
- 14.00 – 14.20 Denmark (Copenhagen): Diana H. Omkvist
Cell-based fluorescent probe assay for measuring substrate translocation via hPEPT1
- 14.20 – 14.40 France (Paris): Aniella Abi-Gerges
Decreased Phosphodiesterase activities in cardiac hypertrophy: consequences for β -nergic regulation of cAMP and ICa,L
- 14.40 – 15.00 Italy (Parma): Sara Costa
Probucol inhibition of ATP-binding cassette A1-mediated cellular lipid efflux
- 15.00 – 15.30** Coffee and tea in central hallway
- 15.30 – 15.50 Netherlands (Leiden+Amsterdam): Ellen Langemeijer
Viral chemokine receptor US28 activates oncogenic signaling networks
- 15.50 – 16.10 Sweden (Uppsala): Angelica L. Quartino
A simultaneous analysis of the time course of leukocytes and neutrophils following docetaxel administration using a semi-mechanistic model
- 16.10 – 16.30 United Kingdom (London): Katherine Jarvis
Synthesis and evaluation of actinomycin analogues as G-quadruplex stabilising ligands
- 16.30 – 18.00** Poster Session
- 18.00 – 20.30** Drinks and Dinner-buffet at Gorlaeus Plaza

Sunday July 1 - Social Event Day - Location: Warmond

- 08.45 – 09.00** Gathering for departure by bicycle in two groups (see your individual program for your group)
- 09.00 – 10.00** Travel to Warmond by bike
- 10.00 – 12.00** Group 1: Boat-trip through the Dutch landscape, departing from Warmond docks
Group 2: "Boerengolf" in teams of 8 among the cows
- 12.15 – 13.30** Lunch in the stables of Farmer Van der Geest
- 13.45 – 14.00** Group 2: Leave toward Warmond Docks
- 14.00 – 16.00** Group 1: "Boerengolf" in teams of 8 among the cows
Group 2: Boat-trip through the Dutch landscape, departing from Warmond docks

- 16.00 – 17.00** Drinks
- 17.00 – 20.00** Barbecue in the stables of Farmer Van der Geest (Hallal and Vegetarian options available)
- 20.00 – 21.00** Return to Leiden by bike.

Monday July 2 - Lecture Day 1 - Location: Gorlaeus Laboratories

- 09.00 – 09.45** *From new drug-targets to new drug-candidates*
Lecture Hall003 Prof.dr. Rob Leurs, LACDR, Division of Medicinal Chemistry, Amsterdam, NL

- 09.45 – 10.15** Coffee and tea in central hallway

- 10.15 – 17.30** Courses:

Lecture Hall003 13:1 - *Scientific writing, a framework for writing a scientific paper*
(33 participants) R. Watt (London) and S. Ghouti (Paris)
(Group 1)

LectureRoom006 13:3 - *Teaching and learning skills*
(14 participants) I. Bates (London)

LectureRoom007 4:1- *Proteinpharmaceutics: formulation and analysis*
(16 participants) W. Jiskoot, M. Sutter (Leiden), and M. van deWeert (Copenhagen)

LectureRoom144 1:2- *Natural products as leads in drug research*
(16 participants) S. Christensen (Copenhagen) and R. Verpoorte (Leiden)
(day 1)

LectureRoom96 19:1- *Translational research in neuropsychopharmacology*
(6 participants) M. Oitzl (Leiden) and F. Nyberg (Uppsala)

LectureRoom3:2- *Metabolomics*
"Havinga" T. Hankemeier (Leiden) and B. Griffiths (London)
(15 participants)

CHDR 7:1- *Introduction in clinical drug development*
(16 participants) Z. Diamant and A. Cohen (Leiden)

Computer Room 2:2- *Introduction to Bioinformatics*
LCP-06 M. Beukers (Leiden), F. Steen Jørgenson (Copenhagen),
(8 participants) A. Wilderspin, and C. James (London)

- 10.15 – 12.00** Startcourses

- 12.00 – 13.00** Lunch at Gorlaeus Plaza and CHDR (Course 7.1)

- 13.15 – 15.00** Follow up courses

- 15.00 – 15.30** Coffee and tea in central hallway, Havinga-room and 9th floor

15.30 – 17.30 Follow up courses

Tuesday July 3 - Lecture Day 2 - Location: Gorlaeus Laboratories

09.00 – 09.45 *Metabolomics and new drug development*
LectureHall003 Prof.dr. Thomas Hankemeier, LACDR, Division of Analytical
Biosciences, Leiden, NL

09.45 – 10.15 Coffee and tea in central hallway

10.15 – 17.30 Courses:

Lecture Hall003 13:1 - *Scientific writing, a framework for writing a
(30 participants) scientific paper*
(Group 2) R. Watt (London) and S. Ghouti (Paris)

LectureRoom006 13:2 - *Presentation skills*
(26 participants) I. Bates(London)

LectureRoom007 4:2- *Colloidal and cyclodextrin-based drug delivery system,(14
participants)basic concepts*
D. Duchene, D. Labarre, and C. Vauthier (Paris)

LectureRoom144 1:2-*Natural products as leads in drug research*
(16 participants) S. Christensen (Copenhagen) and R. Verpoorte (Leiden)
(day 2)

LectureRoom96 12:1-*Pharmacogenomics – pitfalls and possibilities*
(15 participants) J. Meerman (Leiden)

LectureRoom8:1-*The Role of Thermal Methods in the Design
and "Havinga" Development of Medicines*
(8 participants) S. Gaisford (London)

Computer Room 2:3-*Molecular modelling and quantitative SAR*
LCP-06M. Mor and A. Lodola(Parma)
(15 participants)
(day 1)

10.15 – 12.00 Start courses

12.00 – 13.00 Lunch at Gorlaeus Plaza

13.15 – 15.00 Follow up courses

15.00 – 15.30 Coffee and tea in central hallway, Havinga-room and 9th floor

15.30 – 17.30 Follow up courses

Wednesday July 4 - Lecture Day 3 - Location: Gorlaeus Laboratories

- 09.00 – 09.45** *Marihuana and medicines*
Lecture Hall 003 Prof.dr. Harald S. Hansen, Department of Biochemical
Pharmacology, School of Pharmacy, Copenhagen, DK
- 09.45 – 10.15** Coffee and tea in central hallway
- 10.15 – 17.30** Courses:
- Lecture Hall 003 11:1 - *Novel classes of drugs for anti-cancer chemotherapy*
(40 participants) E. Danen (Leiden)
- Lecture Room 0063:3 - *Proteomics and peptidomics*
(15 participants) R. van der Heijden (Leiden), A. Wilderspin
(London),
(day 1) and P. Andren (Uppsala)
- Lecture Room 0074:3 - *Specific applications of colloidal and cyclodextrin-based*
(15 participants) *drug delivery systems*
G. Barratt, A. Bochot and D. Labarre (Paris)
- Lecture Room 1446:2 - *Cell signaling and drug safety I*
(10 participants) B. van de Water and J. Meerman (Leiden)
- Lecture Room 9619:2 - *Silent pharmacogenomics: Gene silencing using small*
(9 participants) *interference RNA*
E. Vreugdenhil, C. Fitzsimons and R. De Kloet (Leiden)
- Lecture Room 10221:3 - *PET in drug development*
(6 participants) A. Lammertsma and B. Windhorst (Amsterdam)
(day 1)
- Lecture Room 12:1 - *Development of medicines for use in children*
"Havinga" C. Knibbe (Leiden), C. Tuleu (London), and J. van den Anker
(14 participants) (Washington)
- Computer Room 2:3 - *Molecular modelling and quantitative SAR*
LCP-06 M. Mor and A. Lodola (Parma)
(15 participants)
(day 2)
- 10.15 – 12.00** Start courses
- 12.00 – 13.00** Lunch at Gorlaeus Plaza
- 13.15 – 15.00** Follow up courses
- 15.00 – 15.30** Coffee and tea in central hallway, Havinga-room and 9th floor
- 15.30 – 17.30** Follow up courses

Thursday July 5 - Lecture Day 4 - Location: Gorlaeus Laboratories

09.00 – 09.45 *Domo Matrix: A new platform for oral drug delivery*
Lecture Hall003 Prof.dr. Paolo Colombo, School of Pharmacy,
University of
Parma, IT

09.45 – 10.15 Coffee and tea in central hallway

10.15 – 17.30 Courses:

Lecture Hall0034:4- *Oral, inhalation and transdermal drug delivery systems*
(25 participants) P. Colombo, P. Santi and R. Bettini (Parma)

Lecture Room0063:3- *Proteomics and peptidomics*
(15 participants) R. van der Heijden (Leiden), A. Wilderspin (London),
(day 2) and P. Andren (Uppsala)

Lecture Room007 10:1- *Modulation of lipoprotein metabolism for cardiovascular
disease prevention*
(11 participants) T. van Berkel (Leiden) and F. Bernini (Parma)

Lecture Room1446:3- *Cell signaling and drug safety II*
(5 participants) B. van de Water and J. Meerman (Leiden)

Lecture Room9615:3- *Drug delivery across the skin*
(10 participants) J. Bouwstra (Leiden) and P. Santi (Parma)

Lecture Room10176:1- *Drug Metabolism: interindividual variability and
consequences for drug safety*
(10 participants) (day 1) J. Commandeur (Amsterdam)

Lecture Room10221:3- *PET in drug development*
(6 participants) A. Lammertsma and B. Windhorst (Amsterdam)
(day 2)

Lecture Room7:2- *Introduction to Pharmacokinetics*
"Havinga" M. Danhof and E. de Lange (Leiden)
(26 participants)

Computer Room 2:4- *Computational drug discovery and design*
LCP-06C. Oostenbrink and I. de Esch (Amsterdam)
(13 participants)
(day 1)

10.15 – 12.00 Startcourses

12.00 – 13.00 Lunch at Gorlaeus Plaza

13.15 – 15.00 Follow up courses

15.00 – 15.30 Coffee and tea in central hallway, Havinga-room and 9th floor

15.30 – 17.30 Follow up courses

Friday July 6 - Lecture Day 5 - Location: Gorlaeus Laboratories

09.00 – 09.45 *Microbial resistance to antibiotics and what we are doing*
Lecture Hall003aboutit
Prof.dr. Peter Taylor, University of London, UK

09.45 – 10.15 Coffee and tea in central hallway

10.15 – 17.30 Courses:

Lecture Hall0033:1- *Modern concepts of bioanalytical chemistry*
(27participants)D. Westerlund (Uppsala) H. Irth, and H. Lingeman
(day1) (Amsterdam)

LectureRoom0069:3-*Centralpain mechanisms*
(15 participants)F. Nyberg (Uppsala)

LectureRoom00710:2-*Identification of novel therapeutic targets for*
(11 participants)*atherosclerosis*
T. van Berkel (Leiden)and F. Bernini (Parma)

LectureRoom1447:3-*Introductionto mechanism-based PK-PD*
modeling(20participants)M. Danhof and O. Della Pasqua(Leiden)

LectureRoom9615:2-*Methods in studies of drug delivery to the brain*
(15 participants)E. de Lange (Leiden) and M.Hammarlund-Udenaes(Uppsala)

LectureRoom10176:1-*Drug Metabolism: interindividual variability and*
(10 participants)*consequences for drugsafety*
(day 2)J. Commandeur(Amsterdam)

Computer Room 2:4-*Computational drug discovery and design*
LCP-06C. Oostenbrink and I.de Esch (Amsterdam)
(13participants)
(day2)

Computer Room8:2-*Process analytical technology*
LCP-08J. Rantanen (Copenhagen) and G. Frenning (Uppsala)
(11participants)

10.15 – 12.00 Startcourses

12.00 – 13.00 Lunch at Gorlaeus Plaza

13.15 – 15.00 Follow up courses

15.00 – 15.30 Coffee and tea in central hallway, Havinga-room and 9th floor

15.30 – 17.30 Follow up courses

17.30 – 18.30 Drinks in central hallway

18.30 – 20.00 Dinner-buffet at Gorlaeus Plaza

20.00 – 20.45 Distribution of Certificates of Attendance

Saturday July 7 - Lecture Day 6 - Location: Gorlaeus Laboratories

08.30 – 14.00 Courses:

Lecture Hall0033:1- *Modern concepts of bioanalytical chemistry*
(27participants)D. Westerlund (Uppsala) H. Irth, and H. Lingeman
(day2) (Amsterdam)

LectureRoom0065:1-*Drugtransport to the brain*
(25participants) A. de Boer (Leiden)

LectureRoom00714:1- *European patenting and intellectual property rights (IPR)*
(19 participants) M. Johansson (Uppsala) and AM Lademann (Denmark)

LectureRoom00211:2-*Apoptosis in drug discovery and safety*
(12participants)F. Nagelkerke (Leiden)

LectureRoom1441:1-*Basic medicinal chemistry*
(24participants) A. IJzerman (Leiden) M.Smit, I. de Esch (Amsterdam)

Computer Room7:4-*Determinants of drug response and variability in early
LCP-06clinicaldevelopment*
(16participants)O. Della Pasqua (Leiden)

08.30 – 11.00 Startcourses

11.00 – 11.30 Coffee and tea in central hallway, Havinga-room and 9th floor.

11.30 – 14.00 Follow up courses

14.00 – 15.00 Lunch at Gorlaeus Plaza

15.00 – 16.00 Farewell and returning of bicycles