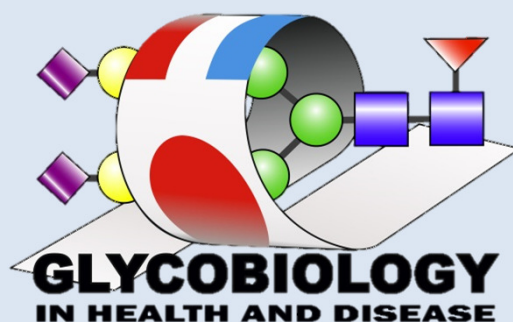




# GLYCOSCIENCE JAPAN-THE NETHERLANDS JOINT SEMINAR 2016

19-04-2016 – 22-04-2016 | LEIDEN, THE NETHERLANDS | LEIDEN UNIVERSITY MEDICAL CENTER



## PROGRAM OUTLINE

<b>TUESDAY 19-04-2016</b>	OPENING
<b>WEDNESDAY 20-04-2016</b>	DISORDERS - I DEVELOPMENTAL GLYCOSCIENCE - I IMMUNOLOGY
<b>THURSDAY 21-04-2016</b>	DISORDERS - II DEVELOPMENTAL GLYCOSCIENCE - II CANCER
<b>FRIDAY 22-04-2016</b>	HOST-PATHOGEN INTERACTIONS BIOCHEMISTRY AND CHEMICAL BIOLOGY

## CONFIRMED SPEAKERS

### JAPAN

KOICHI FURUKAWA | KEN KITAJIMA | TOSHISUKE KAWASAKI | CHIHIRO SATO | HIROMUNE ANDO | KOICHI HONKE | HIROTO KAWASHIMA | HIROSHI MANYA | SHO YAMASAKI | KATSUNORI TANAKA | HIDEHARU ISHIDA | NAOYUKI TANIGUCHI | YUKARI FUJIMOTO | HIROSHI KITAGAWA | TADASHI SUZUKI | HIROMU TAKEMATSU

### THE NETHERLANDS

DIRK LEFEBER | HANS AERTS | GEERT-JAN BOONS | YVETTE VAN KOOYK | SANDRA VAN VLIET | JEROEN CODEE | NINA VAN SORGE | JUAN GARCIA-VALLEJO | FABRIZIO CHIODO | IRMA VAN DIE | SANDER VAN LEEUWEN | RON HOKKE | MANFRED WUHRER



日本学術振興会  
Japan Society for the Promotion of Science



PLEASE REGISTER BEFORE 31<sup>ST</sup> MARCH 2016 VIA [HTTPS://FORMS.LUMC.NL/LUMC2/NWO-JSP2016](https://forms.lumc.nl/lumc2/nwo-jsp2016)

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**Glycoscience Japan – The Netherlands Joint seminar 2016**  
**Glycobiology in Health and Disease - 19<sup>th</sup> to 22<sup>nd</sup> April 2016**  
**Leiden University Medical Center, Leiden, The Netherlands**

**Hosted by: Ron Hokke, Manfred Wuhrer, Hans Vliegenthart**

**Scientific organisation**

**Netherlands: Ron Hokke & Manfred Wuhrer. Advisor: Hans Vliegenthart**

**Japan: Ken Kitajima & Hideharu Ishida. Advisors: Naoyuki Taniguchi & Toshisuke Kawasaki**

**Local organisation: Emanuela Lonardi, Guinevere Kammeijer, Angela van Diepen**

**Tentative program**

**Day 1: Monday 18th April 2016**

Arrivals

**Day 2: Tuesday 19th April 2016**

TOURISTIC ENTERTAINMENT

GET TOGETHER @CYCASTERRAS, HORTUS FOR DRINKS (17:00-19:30)

**Day 3: Wednesday 20th April 2016; lecture hall 5**

9:00-9:30

*Arrival and Registration*

09:30-9:45

welcome address

09:45-10:30

*Plenary lecture*

Koichi Furukawa

Comprehensive approaches to understand regulatory functions of cancer-associated glycosphingolipids.

10:30-11:00

Tea / coffee break @ Boerhaaveplein

11:00-12:30

*Session 1 - Disorders and Development I*

Ken Kitajima

Why does sialic acid deficiency cause the embryonic lethality in medaka fish, *Oryzias latipes*?

Dirk Lefeber

title to be announced

Hiroshi Kitagawa

Chondroitin sulfate in development and differentiation

Chihiro Sato

Polysialic acid and psychiatric disorders.

12:30-13:30

lunch @ Boerhaaveplein

13:30-15:00

*Session 2 – Immunology I*

Fabrizio Chiodo

title to be announced

Hironu Takematsu

Lymphocyte activation-dependent regulation of glycan expression and recognition from Siglec-family lectins

Hiroto Kawashima

Role of sulfated glycans in lymphocyte homing and allergic immune responses.

selected oral presentation

15:00-15:30

Tea / coffee break @ Boerhaaveplein

15:30-17:00

*Session 3 – Immunology II*

Juan Garcia Vallejo

title to be announced

- - -

selected oral presentations

17:00

announcements



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**Day 4: Thursday 21st April 2016; lecture hall 5**

9:00-10:30	<i>Session 4- Disorders and Development II</i>
Tadashi Suzuki	Toward curing an NGLY1-deficiency
Hiroshi Many	O-mannosyl glycan and muscular dystrophy.
Hans Aerts	title to be announced
Koichi Honke	A sulfated glycolipid, seminolipid is required for functional expression of the lactate transporter in spermatocytes.
10:30-11:00	Tea / coffee break @ Boerhaaveplein
11:00-12:30	<i>Session 5- Cancer</i>
Naoyuki Taniguchi	title to be announced
Sandra van Vliet	Tumor-associated glycans trigger the C-type lectin MGL on dendritic cells to dampen anti-tumor immunity
Katsunori Tanaka	Theranostic glycoconjugates.
Yvette van Kooyk	title to be announced
12:30-13:30	Lunch / poster session / Tea&Coffee break @ Boerhaaveplein
15:30-17:00	<i>Session 6 - Cancer/ Development and Regulation</i>
Toshisuke Kawasaki	Glycan specific marker antibodies for human iPS/ES cells: Binding specificity and biological significance
- - -	selected oral presentations
17:00	announcements
19:00-21:00	conference dinner @ ORANJERIE (18:00-23:00)

**Day 5: Friday 22nd April 2016; Burumazaal, building 3**

9:00 - 10:30	<i>Session 7 - Host pathogen interactions</i>
Yukari Fujimoto	title to be announced
Nina van Sorge	Interaction between bacterial surface glycans and host immunity
Sho Yamasaki	Recognition of mycobacterial glycolipids through C-type lectin receptors.
Ron Hokke	Glycobiology of schistosomiasis
10:30-11:00	Tea / coffee break @ foyer building 3
11:00 – 12:30	<i>Session 8 – Host-pathogen interactions / Biochemistry and Chemical Biology</i>
Irma van Die	title to be announced
Hideharu Ishida	title to be announced
Sander van Leeuwen	title to be announced
Manfred Wuhrer	Disease-associated changes of plasma protein glycosylation studied by mass spectrometry
12:30-13:30	Lunch @ foyer building 3
13:30-15:00	<i>session 9 - Biochemistry and Chemical biology</i>
Geert-Jan Boons	title to be announced
Hirumune Ando	Raft-ganglioside interaction revealed by novel ganglioside probes
Jeroen Codee	title to be announced
- - -	selected oral presentations
15:00-16:30	closing drinks @ foyer building 3

