New Staff

**Bruno Raposo**, PhD, has recently joined Lars Klareskog’s group as scientist. He did his PhD at KI, and postdoc at KI and Harvard Medical School in Boston. Bruno’s research interests are central and peripheral tolerance mechanisms of the adaptive immune system with applications to autoimmune pathologies. Mucosal immunology and its association with the establishment- and break-of-tolerance processes in scenarios of autoimmunity and allergy.

**Xinxia Chen** is a visiting researcher from Shandong University of China. She will work in Catharina Lavebratt’s group for the year of 2019. Xinxia’s research focuses on risk factors influencing women’s reproductive health, with special interests in diseases that might impair fertility, for example, polycystic ovary syndrome (PCOS).

**Letian Zhang** has been registered as a new Ph.D student in Ning Xu Landén’s group. He will study the role of regulatory RNAs in skin wound healing.

**Muhammad Ahsan** recently started as a post-doc for a collaborative project with Maja Jagodič’s group at the Department of Clinical Neuroscience as well as with Julian Knight, University of Oxford. Muhammad has a strong background in bioinformatics and will focus on stratification of patients diagnosed with multiple sclerosis based on omics and clinical data, primarily focusing on DNA methylation status.
Visitors from Abroad

On January 18th, CMM Professor Jacob Fog Bentzon from CNIC Madrid and Aarhus University Denmark gave a seminar about Clonal expansion and modulation of SMCs in atherosclerotic plaque development. Earlier the same day he opposed to the thesis defended by Monica Centa. Dr. Stephen Malin hosted the seminar, and has also been the principal supervisor.

Dr. Sébastien Mosser from NEURIX SA in Geneva, Switzerland visited CMM on January 24th to talk about 3 dimensional neural models for the study of brain physiology and diseases. Host was Associate Professor Maja Jagodic.

On January 25th, Professor Ann Saada-Reisch visited from Hebrew University to give a lecture on mitochondrial disease variants. The seminar was hosted by Assistant Professor Jakob Wikström.

In-house seminar

On January 17th, Associate Professor Anna Smed Sörensen held the first CMM seminar of the semester. Associate Professor Anna Fogdell Hahn hosted the well-attended event.

Jacob Fog Bentzon and Stephen Malin

Maja Jagodic, Sébastien Mosser, Pernilla Stridh

Ann Saada-Reisch and Jakob Wikström

Anna Smed Sörensen and Anna Fogdell Hahn
CMM Innovation

Mapping CMM Research Outputs
CMM Innovation has initiated an effort to map CMM research outputs and impact with the aim to promote and brand CMM research. This information will be used to promote CMM research, enhance funding opportunities, and interactions with e.g. policy makers, hospitals, disease foundations and the general public.

CMM Innovation Lecture Series and Networking Event
Martin Steinberg and Lars Klareskog gave an interactive lecture on January 15th with many useful tips on how to successfully collaborate with the pharmaceutical industry. The duo shared relevant stories and experiences from their many years of experience of working with pharma and other industries. In summary, ample opportunities exist for academia and industry to collaborate in mutually beneficial ways.

Inger Lundqvist, EIT Health coordinator at KI, provided a comprehensive overview of EIT Health and their funding opportunities, on January 22nd. EIT Health provides support for educational activities, start-up funding within their Accelerator program as well as funding for Innovation projects with as much as EUR 3 million for 3 years. For more information visit EIT Health or contact: eithealth@ki.se

Support to all CMM entrepreneurs is also available in-house from CMMi – contact CMMi board member Michael Sundström at cmmi@cmm.se to get a first assessment of your idea.

Upcoming CMMi Lectures
March 7
Pharma industry partnering at Karolinska Institutet.
Richard Cowburn, Project Manager, Responsible Corporate Partnering Karolinska Innovation.

March 29
SciLifeLab DDD – a resource for your academic drug discovery project?
Per Arvidsson, Platform Director (KI) Drug Discovery and Development Platform (DDD).
DISSERTATION
Feb 1st 09:00
Abdominal aortic aneurysm - uncharted aspects of rupture
Speaker: Sayid Zommorodi
Location: Nanna Svartz J3:12, BioClinicum
Principal supervisor: Adjunct Professor Rebecka Hultgren, MMK
Opponent: Professor Marc L. Schermerhorn, Harvard Medical School

Feb 8th 09:00
The Roles of MicroRNAs in Skin Wound Healing
Speaker: Xi Li
Location: Welandersalen, B2:00,
Karolinska University Hospital Solna
Principal supervisor: Associate Professor Ning Xu Landén, MedS
Opponent: Professor Marjana Tomic-Canic, University of Miami Miller School of Medicine.

Feb 22nd 09:00
Mechanisms of type I interferons in autoimmunity and cancer
Speaker: William Nyberg
Location: CMM Lecture Hall, L8:00
Principal supervisor: Dr. Alexander Espinosa, MedS
Opponent: Professor Jonas Nilsson, University of Gothenburg

CMM SEMINAR
Feb 7th 12:00
Genomics at the Bedside: Molecular Hallmarks of Wound Healing and its Pathophysiology
Speaker: Professor Marjana Tomic-Canic, University of Miami Miller School of Medicine.
Location: CMM Lecture Hall, L8:00
Host: Associate Professor Ning Xu Landén, MedS

Feb 14th 12:00
The Role of Oral Progenitor Cells in Tissue Repair and Homeostasis
Speaker: Senior research specialist Lindsay Davies, LABMED
Location: CMM Lecture Hall, L8:00
Host: Senior Researcher Liv Eidsmo, MedS

February 2019

CMM Lecture hall L8:00

MedS Seminar
Feb 5th 12:00
Molecular Control of T Cell Differentiation in Chronic Infection
Speaker: Professor Dietmar Zehn, Technical University of Munich
Location: CMM Lecture Hall, L8:00
Host: Assistant Professor Taras Kreslavsky, MedS

JOINT CMM/MTC/CID Seminar Series On Microbial Pathogenesis
Feb 6th 15:00
Discovery and development of antibiotics from (Myxo)bacterial secondary metabolites
Location: Bioclinicum Floor 7, Room 5300
Speaker: Rolf Müller, Helmholtz Institute for Pharmaceutical Research, Saarland University, Saarbrücken, Germany
Host: Peter Mellroth, MTC

Feb 27th 14:00
Research on bacterial membrane vesicles as vaccine platforms
Location: CMM Lecture Hall, L8:00
Speaker: Ryoma Nakao, National Institute of Infectious Diseases, Tokyo, Japan
Host: Edmund Loh, MTC


Grants

Anna Färnert has received a Swedish Research Council (Vetenskapsrådet) Development Research grant for the project Immunity to malaria: importance of parasite diversity and host memory. The grant is a total of SEK 3.9 million for the period 2019-2021.

Nils Landegren has been granted renewed support by the Tore Nilson and Magnus Bergvall foundations. The money grants are of SEK 100,000 and 90,000 respectively, for the study on how sex hormones affect the immune system.

Lauro Meneghel, post doc in Marie Wahren-Herlenius’ group, received two grants for the research project entitled Understanding the role of the novel autoimmunity susceptibility factor FAM167A/DIORA-1, from Stiftelsen Professor Nanna Svartz Fond: SEK 125,000 and KI Foundation Grants for Rheumatology Research: SEK 123,000.

Other News

Bob Harris invited to Amsterdam to discuss supervisor training

As President of ORPHEUS, Bob Harris was invited to participate in a plenary session discussing supervisor training at the European University Association Council for Doctoral Education (EUA-CDE) thematic workshop “Inter-institutional collaboration in doctoral education” at the Vrije University in Amsterdam, Netherlands on January 17-18.

Visit by new Dean Anna Martling

On Jan 15th the CMM Steering Group met with Professor Anna Martling, the new Dean of Campus North, in Karolinska Institutet’s new management organization. Anna Martling got a thorough introduction to the CMM organization, the contributions CMM researchers have made to improve clinical care and the challenges ahead identified by the Steering Group. Anna Martling presented her vision and mission in her new role as Dean of Campus North.

Connection Between Hyperhidrosis and Obesity Shown in Large Study

Jakob Wikström has participated in a large epidemiological study in JAAD that demonstrates a connection between hyperhidrosis and obesity. Perhaps weight reduction could be an alternative to try prior to Botox treatment in obese persons who suffer from hyperhidrosis? This study is particularly relevant in Stockholm where the costs of hyperhidrosis care have increased considerably.
Superintendent’s Corner

New semester calls for information to new CMMers as well as a reminder for old CMMers regarding a few safety issues. At the CMM website you find a CMM Introduction document with useful information.

Some basic safety precautions to keep in mind, to minimize the risk of contamination, are:

- **Never** wear your lab coat in the kitchen area, lunch room or office
- **Never** wear gloves in the kitchen area, lunch room or office
- If you are transporting samples between floors, **always** remove the glove on the hand that you use for door openings, pressing buttons in elevator etc.
- **Always** clean up after yourself in the lab

Dishwashing and Autoclaving Facility Routines

To avoid injury to staff in the dishwashing facility, bottles with covers screwed on will not be accepted for dishwashing. Soiled laboratory dishware should be rinsed after use before leaving for washing to protect personnel and to avoid machine damage.

Please read the full instructions before using the facility, at CMM website.

In Case the Fire Alarm is Activated

1. Your first course of action should be to try to find the cause of the fire alarm by checking your immediate surroundings by taking a quick look around you for obvious signs of a fire (visible flames, visible smoke, the smell of smoke or abnormal heat) and, if you discover a fire, making an attempt to extinguish it if you deem this to be possible.
2. In the event of an evacuation situation, the first person to reach the evacuation station (in the middle of each corridor) puts on the vest and follows the instructions on the fire warden card, and thereby acts as fire warden. The fire warden is responsible for going through the premises and instructing colleagues to evacuate to the assembly point.

Inform CMM Service Center at L8:05 by calling Maria Rastas +46 (0)8-517 749 85 or +46 (0)709-20 05 05 or helpdesk +46 (0)8 517 723 53. Do not send an email.

In case of a fire within a corridor, the alarm will be activated on this particular floor, and not in the whole building. Each corridor is a separate fire cell, which means that any fire will stay within this cell for at least 30 minutes. In case the fire alarm is activated on one floor, only this floor should be evacuated unless otherwise stated.

Please take a moment to read the KI fire safety instructions at KI website.

CMM is planning a fire evacuation drill during the spring. More info to come.