Draft schedule/programme for the 10th UCMR Day
10th of January 2019

09.00-09.20 Welcome address - UCMR – 15 years
   Bernt Eric Uhlin, UCMR Coordinator, Molecular Biology

   **Session I:** New faculty/MIMS group leaders
   Chairpersons: Maria Fällman and Oliver Billker

09.20-09.40 *A systematic functional in vivo characterisation of malaria parasite-host interactions*
   Ellen Bushell, MIMS group leader, Molecular biology

09.40-10.00 *Visualization of molecular machines in pathogens using cryo-EM*
   Jonas Barandon, SciLifeLab Fellow/MIMS group leader, Molecular Biology

10.00-10.20 *Illuminating the Hidden Power of Cell-Autonomous Immunity*
   Barbara Sixt, MMIMS group leader, Molecular biology

10.20-10.40 *MIMS – Ongoing activities and future perspectives*
   Oliver Billker, MIMS director, Molecular Biology

10.40-11.00 **Coffee break**

   **Session II:** Invited speakers and short talks selected from poster abstracts
   Chairpersons: Madeleine Ramstedt and Constantin Urban

11.00-11.30 *Pneumococcal interactions with the host*
   Birgitta Henriques-Normark, Karolinska institutet

11.30-11.45 *Uncovering the amyloid fibril structure of transthyretin using cryo-EM*
   Irina Iakovleva, Chemistry/Medical Biochemistry and Biophysics

11.45-12.00 *PATHOGENEX: Human bacterial pathogens gene expression database*
Kemal Avican, Karolinska institutet
12.00-12.15 *Role of OmpA1 and OmpA2 in Aggregatibacter actinomycetemcomitans and Aggregatibacter aphrophilus serum resistance*
Mark Lindholm, Odontology
12.15-12.30 *Alarmone synthetases turn toxic*
Chayan Kumar Saha, Molecular Biology
12.30-13.15 **Lunch break**

13.15-15.00 *Poster session/poster walk groups*
Chairpersons: Åke Forsberg and Victoria Shingler
- *Se separate list of poster groups*

**Session III:** Invited speakers and short talks selected from poster abstracts
Chairpersons: Peter Bergman and Andrea Puhar
15.00-15.30 *Pneumococcal adaptation to the influenza-infected lower respiratory tract*
Staffan Normark, Karolinska institutet
15.30-15.45 *Protein dynamics in a native membrane*
Magnus Andersson, Chemistry
15.45-16.00 *Evasion of immune surveillance in low oxygen environments enhances Candida albicans virulence*
José Pedro Lopes, Clinical Microbiology
16.00-16.15 *New grants within the VR programme “Research environment grants within infection and antibiotics”*
Felipe Cava, Molecular Biology
*Demontering av membranmikrodomäner i Staphylococcus aureus för att tämja antibiotikaresistens hos MRSA*
*Bekämpa kommensala patogener som tillhör mikrobiotan genom att angripa deras utsöndrade proteiner och sekretionssystem - SECAM*
Birgitta Henriques Normark, Karolinska intitutet
*Multimodal imaging and proteomics to study flavivirus replication and molecular disease mechanisms*
Anna Överby Wernstedt, Clinical Microbiology
16.15-16.30 **Short break**

**Session IV:** Invited speakers and short talks selected from poster abstracts
Chairpersons: Felipe Cava and Anna Överby Wernstedt
16.30-16.50 *Two photon microscopy –*
Paolo Medini, Integrative Medical Biology
16.50-17.05 *The Rv3160c-Rv3161c operon: one of the targets of C10 mycobacterial tolerance inhibitor*
Hasan Tükenmez, Molecular Biology
17.05-17.20  *Cellular and Molecular Mechanisms involved in ProteinA induced tumor cell death*
Aftab Nadeem, Molecular Biology

17.45- 20.00 **Session V**: Round table discussions including snacks and refreshments
Chairpersons: Elisabeth Sauer-Eriksson and Bernt Eric Uhlin
– See separate information about round table topics