

CARe annual meeting

Gothia Towers, Mössans gata 24, 412 51 Göteborg

Wednesday, 11.06.

09.30	Registration and coffee
10.00	Welcome and organizational remarks (Michaela Wenzel)
10.05	Session 1: Evolution and transmission (Chair: Joakim Larsson)
10.05	Keynote: Lance Price (<i>Department of Environmental and Occupational Health, George Washington University, USA</i>) TBA
11.05	Astrid von Mentzer (<i>Department of Microbiology and Immunology, GU</i>) TBA
11.25	Vilhelm Müller (<i>Enheten för laborativ bakterieövervakning, Folkhälsomyndigheten</i>) Tracking antibiotic resistance in Sweden – from numbers to novel antibiotics
11.45	Time to mount your posters
12.00	Lunch
13.00	Session 2: Environment and policy (Chair: Carl-Fredrik Flach)
13.00	Joakim Larsson (<i>Department of Infectious Diseases, GU</i>) A 17-year journey leading to a WHO guideline for management of wastewater and waste from antibiotic manufacturing
13.20	Jorge Agramont (<i>Department of Life Sciences, Chalmers</i>) Antibiotic resistance in a Bolivian river system: Impacts of sewage releases and pollution with selective agents
13.40	Julian Bobis Camacho (<i>Department of Infectious Diseases, GU</i>) Developing sewage surveillance for <i>Klebsiella pneumoniae</i>
14.00	Christian Munthe/Anders Herlitz (<i>Department of Philosophy, Linguistics and Theory of Science, GU</i>) The 3D value framework for valuing sustainable access to effective antibiotics
14.20	Fika Room check-in opens, each person checks in at the front desk
15.00	Session 3: New methods and approaches (Chair: Michaela Wenzel)
15.00	Hana Jungová (<i>Department of Physics, Chalmers</i>)

	Nanomotion detection for ultrafast detection of antibiotic susceptibility
15.20	John Fletcher (<i>Department of Chemistry, GU</i>) Probing the bacterial envelope with gas cluster ion beam secondary ion mass spectrometry
15.40	Emilio Rudbeck (<i>Bioinformatics and Data Center, GU</i>) BDC: Where your data meets our expertise
16.20	Maja Uusitalo (<i>Department of Chemistry and Chemical Engineering, Chalmers</i>) Using gold nanorods and near-infrared light to develop photothermal antibacterial materials
16.40	Posters and welcome reception
18.00	Dinner

Thursday, 12.06.

08.00	Session 4: New therapeutics (Chair: TBA)
08.00	Keynote: Henrik Strahl (<i>Center for Bacterial Cell Biology, Newcastle University, UK</i>) Lysis-independent bacterial killing by cell wall-targeting antibiotics
09.00	Michaela Wenzel (<i>Department of Life Science, Chalmers</i>) Breaking intrinsic antibiotic resistance of Gram-negative and mycobacteria
09.20	Ann-Britt Schäfer (<i>Department of Life Sciences, Chalmers</i>) Novel metalloantibiotics with unique mechanisms of action
10.40	Adam Hansson (<i>Department of Chemistry and Molecular Biology, GU</i>) Cross-resistance between established membrane active compounds and novel peptidomimetics
10.00	Fika and returning room keys
10.40	Session 4: Diagnostics and clinical AMR (Chair: TBA)
10.40	Karolin Frykholm (<i>Department of Life Sciences, Chalmers</i>) A simple experimental set-up for plasmid analysis and gene detection using optical DNA mapping
11.00	Camilla Kiszakiewicz (<i>Department of Infectious Diseases, GU</i>) Extended-spectrum beta-lactamase (ESBL)-producing <i>Escherichia coli</i> bloodstream infections – The impact of the sources of infection on patient outcome, risk of

	recurrence and bacterial clones involved
11.20	Carl Wikberg (<i>Allmänmedicinskt centrum, VGR</i>) Best Assessment of Sore Throat and Antibiotic Prescribing (The BASTA Study): A pragmatic multicenter trial
11.40	Liliana Andrea Morales Laverde (<i>Department of Biomaterials, Sahlgrenska Academy</i>) Characterisation of antimicrobial resistance and biofilm formation in staphylococci retrieved from percutaneous hearing implants
12.00	Jon Edman Wallér (<i>Department of Infection Prevention and Control, Södra Älvsborg Hospital, Borås</i>) Hospital sink drains: a reservoir for multidrug-resistant bacteria
12.20	Lunch
13.20	Reference group meeting