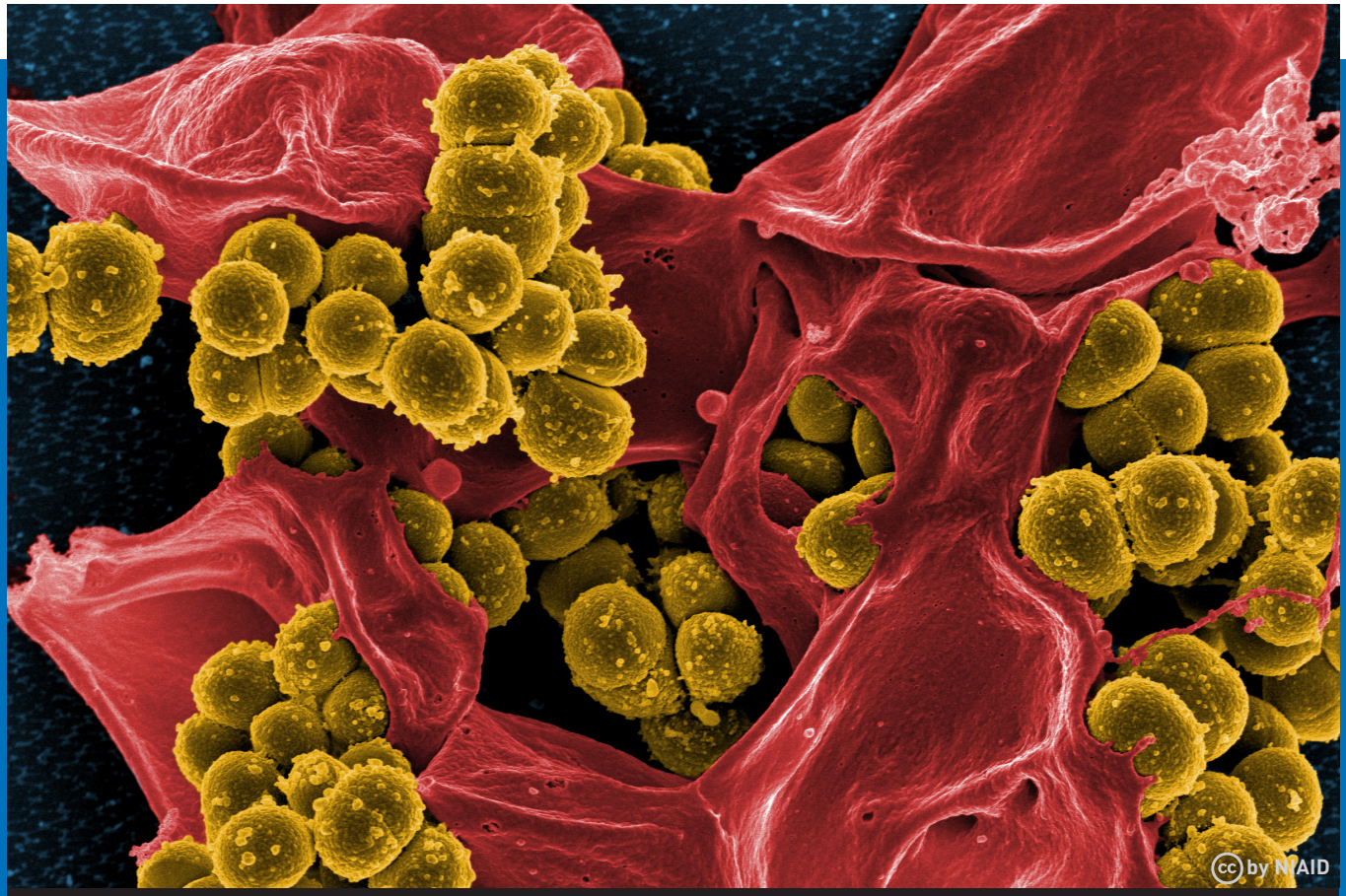
ETH zürich



Latsis Symposium 2015

Drug Resistance and the Future of Disease Control

2-3 July 2015
Audimax, HG Zentrum, ETH Zürich, Switzerland

ibz
Integrative Biology Zurich

FONDATION LATSIS
Internationale

Latsis Symposium 2015
Drug Resistance and the Future of Disease Control

Organizer: Sebastian Bonhoeffer, ETH Zürich
Audimax, HG Zentrum, ETH Zürich, Switzerland

FONDATION LATSIS
Internationale

2 July 2015 8:15 – 18:30

Talks

Patrice Nordmann University of Fribourg
Emerging antibiotic resistance in 2015: a state-of-the art

Dan Andersson Uppsala University
Selection of antibiotic resistance in the environment

Chris Dye WHO
The challenges of eliminating tuberculosis

Jeremy Farrar Welcome Trust
Drug resistance as an emerging disease

Michael Gottesman NIH USA
The complexity of drug resistance in cancer

Marie-Louise Newell Univ. of Southampton
Challenges of HIV drug resistance in resource-limited settings

Nicholas White University of Oxford
Drug resistance against antimalarials

Moderated Panel Discussion

Are we facing a crisis?
Moderator: **Marcel Tanner** Swiss TPH

3 July 2015 8:30 – 18:30

Talks

Ramanan Laxminarayan Princeton University
The economics of antibiotic resistance

Bruce Levin Emory University
The population dynamics and potential clinical implications of phenotypic resistance to antibiotics

Marc Lipsitch Harvard University
Epidemiologic modeling of antimicrobial resistance: challenges and open questions

Andrew Read Penn State University
An evolutionary perspective on resistance and its control

Doug Richman UC San Diego
Lessons learned from HIV: treatment

Raymond Schinazi Emory University
Confronting HCV: from torture to cures

Moderated Panel Discussion

How can we mitigate the evolution of resistance?
Moderator: **Nicola Low** University of Bern

Registration, talk times and further information: http://www.tb.ethz.ch/latsis2015

Participation is free of charge, but registration is required. Registration will open on **Monday, 4 May 2015**. Registration for a single day is possible. The Swiss Society of Infectious Diseases and the Swiss Society for Microbiology award credits for the participation in this symposium.

FRONT PHOTO "Scanning electron micrograph of methicillin-resistant *Staphylococcus aureus* and a dead human neutrophil" by NIAID, http://flic.kr/niaid/8436193898. Licence at http://creativecommons.org/licenses/by/2.0/