JSPS presents Sweden-Japan Joint seminar
"Malaria research: Diversity and Control"
11 June 2008, Nobel Forum, Karolinska Institutet, Nobels Väg1

Provisional Program
8:30– Registration
9:00 Opening

Session I: Parasite 9:05–11:30
Chair: Mats Wahigren, MTC, KI

Erythrocyte invasion of malaria parasites
Osamu Kaneko, Naganaka University

Different invasion pathways and the effect of inhibitory antibodies
Kristina Persson, MTC, KI

A database of gene families involved in antigenic variation
Susumu Goto, Kyoto University

De-coding the pathogenesis of severe malaria
Mats Wahigren, MTC, KI

Session II: Mosquito 11:30–12:20
Chair: Ingrid Faye, Stockholm University & Yasuo Chinza, Mia University

Mechanism of malaria fertilization is highly conserved in various organisms
Makoto Hirai, Jichi Medical University

The immunogenic properties of GPI from Plasmodium falciparum in its main vector Anopheles gambiae
Romanico Arrighi, Stockholm University

Session III: Drug 13:35–14:50
Chair: Akira Kaneko, MedS, KI and Tokyo Women’s Medical University

Surface molecules as malaria vaccine candidates
Qijun Chen, MTC, KI

FDG-PET and MR imagings of the brain in a primate model of severe human malaria
Satoru Kawai, Dokkyo Medical University

Calcium Signaling and Drug Resistance in Malaria Parasites
Per Uhlen, MBB, KI

The Wheat Germ Cell-Free Protein Synthesis System: A Key Tool for Novel Malaria Vaccine Candidate Discovery
Takaumi Tsuboi, Ehime University

The spreading of antifolate resistant malaria parasites
Toshihiro Mita, Tokyo Women’s Medical University

Pedro Gil, MedS, KI

Session IV: Vaccine 15:10–16:00
Chair: Kenji Hirayama, Naganaka University

Rise and fall of malaria in Zanzibar: Is elimination possible?
Achuyt Bhattarai, MedS, KI

Malaria elimination initiative on Island Melanesia
George Taleo, Ministry of Health, Vanuatu

Sustaining malaria control efforts in sub-Saharan Africa—Challenges and opportunities
Willis Akhwaile, Ministry of Health, Kenya

Candidate Discovery

=Buffer= 18:30=

Session V: Control 16:00–18:30
Chairs: Takatoshi Kobayakawa, Tokyo Women’s Medical University & Anders Björkman, MedS, KI

Sustainable malaria freedom on Aneityum island
Akira Kaneko, MedS, KI and Tokyo Women’s Medical University

To register, e-mail (info@jsps-sto.com) or fax (+46-(0)8-31 38 86) to JSPS Stockholm Office by June 2, 2008

Japan Society for the Promotion of Science, JSPS Stockholm Office
Retzius väg 3, SE-171 77, Stockholm, Sweden Fax: +46-(0)8-31 38 86
E-mail: info@jsps-sto.com URL: http://www.jsps-sto.com

Organizer: Akira Kaneko, Malaria Research Department of Medicine Sheeles labo B2 Karolinska Institutet Email: Akira.Kaneko@ki.se