

Session Themes

Updated 8 April 2010

Listed by Parasite/ Area

Malaria and Toxoplasma

Malaria vaccine development
Novel approaches to malaria control
Experimental models for malaria pathogenesis
Haemozoin and host interactions in malaria
Malaria vaccine targets: new advances
Attenuated whole malaria vaccines: current status
Acquired immunity to malaria
Transmission blocking immunity in malaria
Genetic diversity from malaria genome sequences
Functional genomics in malaria
Gene regulation and the malaria transcriptome
Population genetics of malaria
Genetic manipulation of mosquitoes
Var genes and PfEMP1 biology
Host cell remodelling in malaria
Transport mechanisms in malaria
Merozoite surface biology
Apicomplexan host cell invasion
Toxoplasma cell biology
Apicoplast and mitochondrial biology in malaria
Diversity of protozoan parasite organelles
Combination chemotherapy strategies for malaria
DNDi symposium: Artesunate-based combination treatments for malaria: challenges and new developments
Antimalarial drug resistance and action
Application of transgenic parasites and fluorescent probes to enhance drug screening
Malaria transmission: field studies
Malaria in pregnancy
Congenital toxoplasmosis
Severe malaria
Vivax malaria
Clinical and pathological studies in malaria
IPTp and IPTi for malaria
Development of new compounds against malaria
Evimalar, a European virtual institute for basic malaria research, dimensions and activities
DEBATE: Malaria vaccine strategies: are whole parasite vaccines preferable to subunit vaccines?
DEBATE: Control or eradication of malaria?

Kinetoplastida

Vaccines for kinetoplastida
Acquired immunity to kinetoplastida
Beyond mice: revisiting animal models of leishmaniasis
Harnessing the Tri-tryp genomes
New chemotherapies for kinetoplastids
RNA editing and mitochondrial gene expression in kinetoplastids
RNA and regulation of gene expression in kinetoplastids
Kinetoplastid cell biology
Kinetoplastid biochemistry
Host-parasite interactions and signalling
Drug targets and drug action in kinetoplastids
Immunopathogenesis in human African trypanosomiasis
Chagas disease: control and epidemiology in endemic and non-endemic countries

Helminths

Transmission of food borne helminths
Emerging and re-emerging zoonoses
Trichinella
Comparative studies: veterinary large animal models for human zoonoses
Polyparasitism and the immune system: impact on disease outcome
Immunomodulation of host responses by parasites
Helminths in allergies and other chronic diseases
Acquired immunity to helminths
Nematode protein families
Use of <i>C. elegans</i> as a model to probe functions of parasite genes
Population genetics and genetic diversity of parasitic helminths
Reproductive and developmental biology of parasites
Filarial diseases
Helminth neurobiology
Molecular studies for control of liver flukes: Fasciola, Opisthorchis, Clonorchis
Wolbachia biology and nematode control
New chemotherapies for helminth infections
Novel solutions for the sustainable control of nematodes in ruminants
Schistosomiasis control: challenges and prospects
Comparative genomics of schistosomes in the post-genome era
Trematode transcriptomes and proteomes
Current progress in understanding the molecular mechanisms and markers of anthelmintic resistance
DEBATE: Drugs or vaccines for schistosomiasis?
WORKSHOP: Anthelmintic resistance in human helminth infections: Concerns and responses
WORKSHOP: New technologies for helminths in the post-genomics era
WORKSHOP: Harnessing helminth genomes: nematode and platyhelminth database resources.
WORKSHOP: Polyparasitism and impact on vaccine design and delivery
WORKSHOP: Designing efficacious worm vaccines
WORKSHOP: Echinococcus: challenges for diagnosis and control
WORKSHOP: Naming Genes in the Parasitic Nematodes
NACHPL (Novel approaches to the control of helminth parasites of livestock)
session 1: Resistance management through refugia based strategies
NACHPL session 2: Alternative parasiticides and nutritional approaches
NACHPL session 3: Communication of helminth control strategies
NACHPL session 4: How to use new anthelmintics?
NACHPL session 5: Novel diagnostics and target identification
NACHPL session 6: Implementation of alternative control options in emerging economies
Ectoparasites
Tick control
Control of Ectoparasites
Ectoparasites of the marine environment
Terrestrial ectoparasite ecology
Vector competence: ticks, mosquitoes, tsetse
Tick genomics
Understanding the molecular targets of insecticides and mechanisms of resistance in ectoparasites
Vector-parasite interactions
Protozoa and other parasites
Genetic characterization of protozoan parasites
Molecular epidemiology and drug targets for Cryptosporidium
Tick borne diseases: Babesia, Anaplasma, Theileria, Lyme disease
Neospora
Coccidiosis
Molecular epidemiology of giardiasis
Giardia biology
Amebiasis: epidemiology, therapeutic targets and mucosal immunology
Trichomonas

Avian parasites
Other general topics
Parasites in a warmer world: impact of climate change on parasitism
Parasites, poverty and the Millenium Development Goals
Aquaculture & Aquatic Animal Health
Aquatic parasitology
Biodiversity
Environmental changes drive the distribution of infectious diseases in the Asia - Western Pacific Region
New insights into parasite life cycles
Geospatial health: predicting distribution of parasitic diseases
Parasite Evolution
Mathematical modelling of parasitic infections
New developments in diagnostics for emerging human and animal diseases
Zoonotic and soil parasitic infections
Application of nanobody technology in parasite biology and diagnosis
Innate immunity
Molecular phylogenetics and parasite systematics
Human population genetics and host genes for parasite resistance
Proteomics of parasite development and secretomes
Proteomics for biomarker discovery and antigen identification
Parasite drug resistance and responses to drug pressure
DNDi discovery symposium: the DNDi model for drug discovery programs of neglected diseases
Carbohydrate biochemistry, glycolipids and parasite biology
Metabolomics
Structural biology of parasite targets
Parasite proteases
Parasiticide regulation and efficacy standards of drugs
Alternative parasiticides from plants or other organisms
Socio-economic and health education, access to health and impact on disease transmission
Neglected parasitic disease control and international health
Parasitic infections of indigenous communities
WORKSHOP: Eukaryotic Pathogen Bioinformatics: A Workshop on Mining Genomic-Scale Datasets
WORKSHOP: Adjuvant design to enhance innate immunity and vaccine efficacy
WORKSHOP: Integration of mass treatment programs for parasitic diseases
WORKSHOP: Career development forum "Meet the Professors"
WORKSHOP: Career development forum "Meet the Funders"
WORKSHOP: Education and Teaching in Parasitology in the context of Global Health
WORKSHOP: Foundation/ philanthropic support and Public Private Partnerships
OPEN SESSION: Five open sessions: topics selected from submitted abstracts
Company Symposia or Workshops
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SYMPOSIA AND WORKSHOPS
Global change and parasitism
Parasites in a warmer world: impact of climate change on parasitism
Parasites, poverty and the Millenium Development Goals
Malaria control
Malaria vaccine development
Novel approaches to malaria control
Evimalar, a European virtual institute for basic malaria research, dimensions and activities
Ectoparasites
Tick control
Control of Ectoparasites
Vector competence: ticks, mosquitoes, tsetse
Vector-parasite interactions

Aquaculture and aquatic parasitology
Aquaculture and aquatic animal health
Aquatic parasitology
Ectoparasites of the marine environment
Parasite biology and ecology
Biodiversity
Terrestrial ectoparasite ecology
Environmental changes drive the distribution of infectious diseases in the Asia - Western Pacific Region
Geospatial health: predicting distribution of parasitic diseases
Parasite evolution
New insights into parasite life cycles
Zoonoses
Transmission of food borne helminths
Emerging and re-emerging zoonoses
Molecular epidemiology and drug targets for Cryptosporidium
Trichinella
Zoonotic and soil parasitic infections
Host-parasite interactions
Experimental models for malaria pathogenesis
Haemozoin and host interactions in malaria
Comparative studies: veterinary large animal models for human zoonoses
Polyparasitism and the immune system: impact on disease outcome
Immunomodulation of host responses by parasites
Modelling host-parasite infections
Mathematical modelling of parasitic infections
Diagnostics
New developments in diagnostics for emerging human and animal diseases
NACHPL session 5: Novel diagnostics and target identification
Echinococcus: challenges for diagnosis and control
Immunotherapy and vaccines
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Trematode transcriptomes and proteomes
Eukaryotic Pathogen Bioinformatics: a workshop on mining genomic-scale datasets
Harnessing helminth genomes: nematode and platyhelminth database resources
Naming Genes in the Parasitic Nematodes

Population molecular genetics
Population genetics of malaria
Population genetics and genetic diversity of parasitic helminths
Molecular epidemiology of giardiasis
Molecular phylogenetics and parasite systematics
Human population genetics and host genes for parasite resistance
Genetic characterization of protozoan parasites
Application of proteomics to parasite biology and host responsiveness
Proteomics of parasite development and secretomes
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Drugs or vaccines for schistosomiasis?
Molecular studies for control of liver flukes: Fasciola, Opisthorchis, Clonorchis
Wolbachia biology and nematode control
Reproductive and Developmental Biology of Parasites
New technologies and approaches to new therapies
Genetic manipulation of mosquitoes
Application of nanobody technology in parasite biology and diagnosis
New technologies for helminths in the post-genomics era
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Chagas disease: control and epidemiology in endemic and non endemic countries
Anaerobic protozoa
Giardia biology
Amebiasis: epidemiology, therapeutic targets and mucosal immunology
Trichomonas
Public health, clinical and field studies
Malaria transmission: field studies
Malaria in pregnancy
Severe malaria
Vivax malaria
Clinical and pathological studies in malaria
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