Parasites: Harms & Benefits to Animals and Humans

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Organiser: ICOPA 2018, Korean Organizing Committee
Co-hosts: The Korean Society for Parasitology and Tropical Medicine, World Federation of Parasitologists
1105 Room 302A
Free-living amebae and other opportunistic protozoa: Emerging pathogens under the radar
Session Chair: Jacob Lorenzo-Morales, He-Joon Shin

1105-1 15:30-16:00  Keynote
Free-living ameba in South Korea
He-Joon Shin (Ajou University, Korea)

1105-2 16:00-16:15  Jacob Lorenzo-Morales (University of La Laguna, Spain)
Isolation and molecular identification of free living ameba strains from agricultural soils of Fuerteventura Island, Spain

1105-3 16:15-16:30  Jacob Lorenzo-Morales (University of La Laguna, Spain)
Isolation and molecular identification of free living ameba from dishcloths

1105-4 16:30-16:45  Emerging human pathogenic microsporidia in built-up environments:
A public health concern?
Hafizah Hosen (De Montfort University, UK)

1105-5 16:45-17:00  Gene cloning of Nageleia funesti profillin upregulated in cyst assayed by the RNA-Seq approach
Vee Jin Sohn (Ajou University, Korea)

1105 Room 302B
Parasites and Immunity
Session Chair: Samantha Makinstra

1106-1 16:30-16:45  Baculovirus-induced innate immunity confers complete protection against Plasmodium
pre-erythrocytic stage parasites
Talie Bin Enari (Kanazawa University, Japan)

1106-2 16:45-17:00  Mesocotylides vegae penetrates host intestinal tissue wall while expressing potential suppressor of host inflammation
Ko Hayashi (Okayama University of Science, Japan)

1106-3 16:00-16:15  Group 2 innate lymphoid cells exacerbate severe amebic liver abscess by IFN-γ independent manner in mice
Risa Nakamura (Kagoshima University, Japan)

1107 Room 302A
Animal models for research into schistosomiasis control
Session Chairs: Malcolm Jones, Michael Haigh

1107-1 15:30-16:00  Keynote
Mouse models of urogenital schistosomiasis: Mimicking the great mimic
Michael Haigh (Schistosomiasis Resource Centre, USA)

1107-2 16:00-16:15  Malcolm Jones (University of Queensland, Australia)
Models for research into hepatic-intestinal schistosomiasis

1107-3 16:15-16:30  Wei Hu (Fudan University, China)
Co-dispersal of the blood fluke Schistosoma japonicum and Hama sapiens in the Neolithic age

1107-4 16:30-16:45  Comparative analysis on differential expression of Schistosoma japonicum based on proteomic and transcriptomic levels
Yamei Jin (Chinese Academy of Agricultural Sciences, China)

1107-5 16:45-17:00  The functional analysis of female-biased miRNAs, mR-Bentam, in the extracellular vesicles of Schistosoma japonicum using the Tough-decoy mRNA blocking system
Takashi Komage (Tokyo Medical and Dental University, Japan)

1107-6 17:00-17:15  Stem cell-driven development of schistosome host-parasite interfaces
Jayhan Lee (Margrada Institute for Research, USA)

1108 Room 302B
The international impact of HERACLES collaborative project on cystic echinococcosis
Session Chairs: Adriano Cassili, Paul Torergnon

1108-1 15:30-15:50  The socio-economic burden of echinococcosis: Update on global trends
Paul Torergnon (University of Zurich, Switzerland)

1108-2 15:50-16:15  The International impact of HERACLES collaborative project on cystic echinococcosis
Adriano Cassili (Istituto Superiore di Sanità, Italy)

1108-3 16:15-16:30  The prevalence of abdominal cystic echinococcosis in rural Bulgaria, Romania and Turkey:
A cross-sectional, ultrasound-based, population study (HERACLES project)
Adriano Cassili (Istituto Superiore di Sanità, Italy)

1108-4 16:30-16:45  The European register of cystic echinococcosis (ERCE): Where are we and where to go (HERACLES project)
Patrizia Rosdi (Istituto Nazionale di Sanità, Italy)

1108-5 16:45-17:00  Allocation of Romanian patients to the appropriate treatment in the context of HERACLES project
Carmen Mihalcea Cretu (Carol Davids University of Medicine and Pharmacy, Romania)

1108-6 17:00-17:15  Impact of the Echino-Biobank (HERACLES project): Bridging the gap in cystic echinococcosis management
Mar Sila-Lucia (IRNASA-CSI, Spain)

1108-7 17:15-17:30  Proteomic Investigation of exosomes from patients with cystic echinococcosis (HERACLES project)
Mar Sila-Lucia (IRNASA-CSI, Spain)