

# Scientific Program

Day 1

August 24, 2015

08:00-09:00 Registrations

“Independence A”



09:00-09:25

## Opening Ceremony

### Keynote Forum

- 09:25-09:30 Introduction**
- 09:30-09:55 Genotype and virulence of *Toxoplasma gondii* dominantly prevalent in China**  
Jilong Shen, Anhui Medical University, China
- 09:55-10:20 The genus *Mepraia* Mazza, Gajardo & Jörg (Hemiptera: Reduviidae) in Chile: Morphological, genetic and ecological differentiation of its species**  
Daniel Frías Lasserre, Metropolitan University of Educational Sciences, Chile
- 10:20-10:45 MCR (Movable Computer Ruler): A new method for measuring the dimensions of parasite, particles and other objects using optical microscope and the digital images**  
Yehia Otify, Alexandria University, Egypt

Coffee Break 10:45-11:00 @ Foyer

Track 1: Parasitology: Overview  
Track 2: Medical Parasitology  
Track 3: Animal Modelling & Veterinary Parasitology

Session chairs: Geoff Hide, University of Salford, UK  
Luiz Euribel Prestes Carneiro, Oeste Paulista University, Brazil

Session Introduction

- 11:00-11:20 The role of environment in the spreading of Visceral Leishmaniasis in western Sao Paulo, Brazil**  
Luiz Euribel Prestes Carneiro, Oeste Paulista University, Brazil
- 11:20-11:40 Bovine Neosporosis: Epidemiology and markers of risk of abortion from a clinical perspective**  
Sonia Almería, Universitat Autònoma de Barcelona, Spain
- 11:40-12:00 *Strongyloides stercoralis*: A case-report of the silent killer**  
Stefaan Kurvers, Zuyderland Medical Centre, The Netherlands
- 12:00-12:20 Does vertical transmission play a role in the generating the high prevalence and ubiquity of *Toxoplasma gondii* in natural populations of humans and animals?**  
Geoff Hide, University of Salford, UK
- 12:20-12:40 Efficacy of synbiotic and diclazuril and their combination on the performance of broilers infected with *Eimeria acervulina***  
Hanem F Khater, Benha University, Egypt
- 12:40-13:00 *Toxoplasma gondii* nucleus coding apicoplast protein ACP synthesis and trafficking in delayed death**  
Liang Wu, Jiangsu University, China

Group Photo

Lunch Break 13:00-14:00 @ Benzamine

- 14:00-14:20 Phylogeographies of *Angiostrongylus cantonensis* and its host *Achatina fulica* in China**  
Tingbao Yang, Sun Yat-sen University, China
- 14:20-14:40 Assessment of endemic toothcarp (*Aphanius danfordii*) and invasive mosquitofish (*Gambusia holbrooki*) health by means of relative condition factor under the co-infection of different parasite groups and revelation of the effects on their competitive interactions**  
Ahmet Ozer, Sinop University, Turkey

14:40-15:00	<b>Role of the CD200-CD200R interaction in infection of macrophages by Leishmania</b> Mauro Javier Cortez Veliz, University of Sao Paulo, Brazil
15:00-15:20	<b>Prevalence and pathology of <i>Heterakis gallinarum</i> in free roaming domestic Chicken of Kashmir Valley</b> Sheikh Tanveer Salam, Amar Singh College, India
15:20-15:40	<b>Identification of the antimalarial artemisinin-naphthoquine phosphate as effective therapeutic combination against <i>Schistosoma haematobium</i></b> Samar N Beshbishi, Mansoura University, Egypt
15:40-16:00	<b>The possible molecular mechanisms that <i>Schistosoma japonicum</i> soluble egg antigens reverse fibrosis</b> Jinling Chen, Nantong University, China
Coffee Break 16:00-16:15 @ Foyer	
16:15-16:35	<b>Co-infections of Urinary and Intestinal Schistosomiasis infections among Primary School Pupils of selected schools in Awgul.G.A., Enugu State, Nigeria</b> K. K. Ngele, Federal University Ndufu Alike, Nigeria
16:35-16:55	<b>Seasonal infestation of small ruminant by nasal bots in Kaduna state, Northwestern Nigeria</b> Owolabi Y H, Ahmadu Bello University, Nigeria
16:55-17:15	<b>Use of mobile genetic element PCR (MGE-PCR) as an epidemiological tool to investigate distribution and spread of parasitic diseases</b> Geoff Hide, University of Salford, UK
17:15-17:35	<b>Beyond fighting malaria with drugs and treated nets: Advocacy for total integrated vector management</b> Abimbola Amoo, Olabisi Onabanjo University, Nigeria
17:35-17:55	<b>Prevalence of malaria and knowledge, attitude and practices (KAP) about malaria among attendees to the medical centre, Michael Okpara University of Agriculture, Umudike, Abia State, Nigeria</b> Ukpai Onyinye M, Michael Okpara University of Agriculture, Nigeria
17:55-18:15	<b>Expression of the leukosialin CD43 on T cells defines a major intrahepatic T cells subset associated with protective responses in visceral leishmaniasis</b> Alexandre Morrot, Universidade Federal do Rio de Janeiro, Brazil
18:15-18:35	<b>Evaluation of Non-Instrumented Nucleic acid Amplification- Loop Mediated Isothermal Amplification (NINA-LAMP) for the diagnosis of malaria in Northwest Ethiopia</b> Paul LaBarre, PATH, USA
Panel Discussion	

<b>Day 2 August 25, 2015</b>	
<b>“Independence A”</b>	
<b>Keynote Forum</b>	
09:30-09:55	<b>Technical feasibility for hypersensitive HRP2 infection detection test to support Malaria elimination</b> Paul LaBarre, PATH, USA
09:55-10:20	<b>Relationship between parasitoozoonoses, domestic animals, wildlife and changing environment in the Slovak Republic</b> I Papajová, Institute of Parasitology of the Slovak Academy of Sciences, Slovak Republic
10:20-10:50	<b>Special Session on: Teaching Trends in Parasitology: From Faculty &amp; Student Perspective</b> by Doaa Moustafa Sultan, Dubai Medical College, UAE
Coffee Break 10:50-11:05 @ Foyer	
Track 5: Structural and Molecular Parasitology	
Track 6: Vector-Borne Viral Diseases	
Track 7: Ticks and Tick-borne Pathogens in Tropical Veterinary Medicine	
Track 8: Pathogenesis & Immunity	
Track 9: Challenges in Malaria Research	
<b>Session chair: Xavier Fernández-Busquets, Institute for Bioengineering of Catalonia (IBEC), Spain</b>	
<b>Session co-chair: Hanem F Khater, Benha University, Egypt</b>	



Session Introduction	
11:05-11:25	<b>Polyamidoamine nanoparticles: From drug nanocarriers to vaccine adjuvants in Malaria</b> Xavier Fernández-Busquets, Institute for Bioengineering of Catalonia (IBEC), Spain
11:25-11:45	<b>Vector resistance to pesticides: We should be ahead of it</b> Hanem F. Khater, Benha University, Egypt
11:45-12:05	<b>Potentially pathogenic free-living amoebae isolated from mucosal tissue of immunosuppressed patients in Iran</b> Maryam Niyayati, Shahid Beheshti University of Medical Sciences, Iran
12:05-12:25	<b>Serological evidence and risk factors of toxoplasmosis in a sample of pregnant women in UAE</b> Doaa Moustafa Sultan, Dubai Medical College, UAE
12:25-12:45	<b>Landscape ecology and epidemiology of Malaria-associated rubber plantations in Thailand: Integrated approaches to Malaria ecotoping</b> Wuthichai Kaewwaen, Burapha University, Thailand
Lunch Break 12:45-13:45 @ Benzamine	
13:45-14:05	<b>Macrophages polarized by Toxoplasma effectors modulate hepatic stellate cells activation</b> Deyong Chu, Anhui Medical University, China
14:05-14:25	<b>Ecotope-based entomological surveillance for determining potential transmission of Malaria and Filariasis in Thailand</b> Prapa Sorosjinda-Nunthawarasilp, Burapha University, Thailand
14:25-14:45	<b>Molecular modulation of Pf70-1: A Plasmodium falciparum Cytosolic Hsp70 Chaperone</b> Innocent ONYESOM, Delta State University, Nigeria
14:45-15:05	<b>Molecular diagnosis of Theileria infections in wildlife from Southern Africa: Implications for accurate diagnosis</b> Ronel Pienaar, Agricultural Research Council, South Africa
15:05-15:25	<b>Mechanisms related to the upregulation of IL-10 expression of dendritic cells by parasite-derived molecule Sj16 from Schistosoma japonicum</b> Xi Sun, Sun Yat-sen University, China
Coffee Break 15:25-15:40 @ Foyer	
Poster Presentations @ 15:25-17:00 @ Foyer	
Panel Discussion	

Day 3 August 26, 2015	
“Independence A”	
Keynote Forum	
09:30-09:55	<b>Validity of Polymerase chain reaction (PCR) versus coproscopic examination for diagnosing infection with Schistosoma mansoni in low intensity endemic area in Egypt</b> Hassan K Bassiouny, Alexandria University, Egypt
09:55-10:40	<b>Symposium on: The challenge of parasites and immunosuppression, from diagnosis to treatment</b>
	<b>Parasites and primary immunodeficiencies</b> Luiz Euribel Prestes Carneiro, Oeste Paulista University, Brazil
	<b>How monoxenous trypanosomatids can explore new ecological niches in immunocompromised individuals: A case of Novymonas gen.</b> Vyacheslav Yurchenko, University of Ostrava, Czech Republic
	<b>Coccidiosis in poultry : Pathogenesis, Immune response and Challenges</b> Sheikh Tanveer Salam, Amar Singh College, India
Track 13: Plant-microbe Symbiosis & Parasitic diseases	
Track 14: Molecular Genetics and Genomic Analysis	
Track 15: Diagnosis	
Track 16: Novel Approaches in Disease Control	

**Session chair: Jiannong Xu**, New Mexico State University, USA  
**Session co-chair: Vyacheslav Yurchenko**, University of Ostrava, Czech Republic

Session Introduction

<b>10:40-11:00</b>	<b>The metagenomic landscapes of the mosquito gut ecosystem: Taxonomic, functional and metabolic configuration</b> <b>Jiannong Xu</b> , New Mexico State University, USA
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Coffee Break 11:00-11:15 @ Foyer

<b>11:15-11:35</b>	<b><i>Leptomonas seymouri</i> in Leishmania infections-genetic mechanisms of pre-adaptation to the vertebrate host's environment.</b> <b>Vyacheslav Yurchenko</b> , University of Ostrava, Czech Republic
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<b>11:35-11:55</b>	<b>Evaluation of three DNA extraction techniques in molecular diagnosis of toxoplasmosis</b> <b>Doaa Moustafa Sultan</b> , Mansoura University, Egypt
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<b>11:55-12:15</b>	<b>Assessment of <i>Sterculia setigera</i> and <i>Lantana camara</i> extracts as tosoicidal agent</b> <b>Rahma Abu Bakr Musa</b> , Bahri University , Sudan
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<b>12:15-12:35</b>	<b>Comparison of light microscopy and nested PCR assay in detecting of <i>Plasmodium</i> species in symptomatic malaria patients in an endemic area of Iran</b> <b>Alihsan Heidari</b> , Alborz University of Medical Sciences, Iran
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Lunch Break 12:35-13:20 @ Benzamine

Young Research Forum

<b>13:20-13:35</b>	<b>Impact of public health intervention on rate of soil transmitted helminthias (STH) among indigenous village children in the Santa Maria Tepexipana region of the state of Oaxaca, Mexico</b> <b>Hannah Elsevier</b> , Stony Brook University, USA
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<b>13:35-13:50</b>	<b>A novel, robust aptamer based gene regulatory system for functional genomics of malaria parasites</b> <b>Suresh M Ganesan</b> , Massachusetts Institute of Technology, USA
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<b>13:50-14:05</b>	<b>Common virulence factors in Leishmania infection</b> <b>Aygul Ishemgulova</b> , University of Ostrava, Czech Republic
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<b>14:05-14:20</b>	<b>Prevalence and genotyping of <i>Acanthamoeba</i> spp. in keratitis patients from a tertiary care centre of North India</b> <b>Kirti Megha</b> , Post Graduate Institute of Medical Education and Research, India
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<b>14:20-14:35</b>	<b>Ultrastructural investigation of antennae in bot flies (Diptera: Oestridae)</b> <b>Li Xin-yu</b> , Beijing Forestry University, China
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<b>14:35-14:50</b>	<b>Environmental factors and the risk of urinary schistosomiasis in Ile Oluji/Oke Igbo Local Government Area of Ondo State</b> <b>Oluwaremilekun Ajakaye</b> , Rufus Giwa Polytechnic, Nigeria
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<b>14:50-15:05</b>	<b>Analysis of TATA binding protein (TBP) of <i>Taenia solium</i> and core promoter elements in Taenidae family genes</b> <b>Oscar Rodriguez Lima</b> , Universidad Nacional Autónoma de México, Mexico
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<b>15:05-15:20</b>	<b>Prevalence of <i>Staphylococcus aureus</i> associated with multi-drug resistance in some hospitals in Limbe Health District in the South West Region of Cameroon</b> <b>Arrey Eyong Emmanuel</b> , University of Buea, Cameroon
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<b>15:20-15:35</b>	<b>Effect of repeat dosing of Dinazene® on the serum biochemistry of experimental <i>Trypanosoma brucei</i> infection in albino rats</b> <b>Ezeh I O</b> , University of Nigeria, Nigeria
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Coffee Break 15:35-15:50 @ Foyer

Panel Discussion

Award Ceremony