

SESSION 13 Host-parasite cellular and molecular interactions

Chairman: Peter Kima

Co-chairman: Antonio Jimenez

C0214	LEISHMANIA DONOVANI DELAYS PHAGOSOME-LYSOSOME FUSION BY SABOTAGING THE HOST AKT-AS160-RAB14 PATHWAY <i>Purnima Gupta; Shriya Saha; Pijush K. Das; Anindita Ukil;</i>
C0422	DEVELOPMENT OF A NEW SYSTEMS-WIDE SCREEN TO IDENTIFY HOST SUBSTRATES OF THE LEISHMANIA EXCRETED CASEIN KINASE ISOFORM 1.2 <i>Despina Smirlis; Florent Dingli; Damarys Loew; Gerald F. Späth; Najma Rachidi;</i>
C0474	LEISHMANIA AMAZONENSIS AMASTIGOTES COORDINATE A REGULATORY DICHOTOMY AT THE TRANSCRIPTOME LEVEL TO INHIBIT NF-KB AND INFLAMMASOME ACTIVATION IN PRIMARY MACROPHAGES <i>Herve Lecoer; Eric Prina; Thibault Rozassa; Nathalie Aulner; Emmanuel Laplantine; Robert Weil; Genevieve Milon; Yue Xing; Guang Xun Meng; Gerald F. Späth;</i>
C0502	UNDERSTANDING THE EXOSOMAL RELEASE OF THE LEISHMANIA CASEIN KINASE 1 ISOFORM 2 BY REVEALING ITS BINDING PARTNERS <i>Daniel Martel; Damarys Loew; Florent Dingli; Gerald Späth F; Najma Rachidi;</i>
C0761	TRANSCRIPTIONAL PROFILING BY RNA-SEQ REVEALS DIFFERENTIAL GENE EXPRESSION IN ARGININE PATHWAY IN LEISHMANIA AMAZONENSIS WILD TYPE AND LEISHMANIA AMAZONENSIS ARGINASE KNOCKOUT <i>Juliana Ide Aoki; Sandra Marcia Muxel; Ricardo Andrade Zampieri; Audun Helge Nerland; Lucile M. Floeter-Winter;</i>
C0763	PROTEOMIC ANALYSIS OF LEISHMANIA-INFECTED MACROPHAGES REVEALS MODULATION OF PROTEINS INVOLVED IN IRON METABOLISM AND INFLAMMATION <i>Patricia Sampaio Tavares Veras; Camila Victoria Sousa Oliveira; Antonio Luis Oliveira Almeida Petersen; Tais Fontoura Almeida; Flávia Rayanne Lima Mendes; Amanda Lopez Lorentz; Leila de Andrade Bastos; Nivea Farias Luz; Jonilson Berlink Lima; Gregory Allen Buck; Marco Aurélio Krieger; Fabrício Klerynton Marchini; Valéria de Matos Borges; Juliana Perrone Bezerra de Menezes;</i>
C0667	TARGETING HOST AND PARASITE HISTONE MODIFYING ENZYMES FOR ANTI-LEISHMANIAL DRUG DISCOVERY <i>Lamotte Suzanne; Aulner Nathalie; Cheeseman Kevin; Weitzman Jonathan; Spaeth Gerald; Prina Eric;</i>
C0197	INHIBITOR OF SERINE PEPTIDASE 2 (ISP2) IS REQUIRED FOR LEISHMANIA MAJOR PERSISTENCE IN THE SKIN THROUGH CONTROL OF MONOCYTES AND MONOCYTE-DERIVED SUBSETS <i>Amy Goundry; Marilia Faria; Ana Paula Cabral de Araujo Lima; Jeremy Mottram; Elmarie Myburgh;</i>

SESSION 14 Vector biology and leishmania-sand fly interactions

Chairman: Sinval Pinto Brandão Filho

Co-chairman: Montserrat Gállego

C0127	INCREASED TRANSMISSIBILITY OF LEISHMANIA DONOVANI FROM MAMMALIAN HOST TO VECTOR SAND FLIES AFTER MULTIPLE EXPOSURES TO SAND FLY BITES <i>Joanna Valverde Galvao; Andrea Paun; Audrey Romano; David Sacks;</i>
C0154	SKIN RESIDENT PARASITE BURDEN AND DISTRIBUTION DETERMINE HOST INFECTIOUSNESS IN VISCERAL LEISHMANIASIS <i>Johannes Doehl; Zoe Bright; Helen Davies; Shoumit Dey; Najmeeyah Brow; Audrey Romano; Jane Dalton; Ana Pinto; Jon Pitchford; Paul Kaye;</i>
C0160	SAND FLY FAUNA (DIPTERA: PSYCHODIDAE: PHLEBOTOMINAE) AND PUTATIVE VECTORS OF AMERICAN CUTANEOUS LEISHMANIASIS FROM NORTHERN BRAZIL BORDERING FRENCH GUIANA <i>Thiago Vasconcelos dos Santos; Fábio Márcio Medeiros da Silva; Luciene Aranha da Silva Santos; Viviane Caetano Firmino; Marcos Barbosa da Silva; Sebastiane de Freitas Araújo; Emerson Monteiro dos Santos; Marine Ginouves; Ghislaine Prévot; Fernand Tobias Silveira, Marinete Marins Póvoa and Elizabeth Ferreira Rangel</i>
C0255	ROLE OF THE PERITROPHIC MATRIX IN VECTOR COMPETENCE OF SERGENTOMYIA SCHWETZI TO LEISHMANIA PARASITES <i>Jovana Sadlova; Miroslav Homola; Jitka Myskova; Petr Volf;</i>
C0434	QUANTIFICATION OF INFECTION RESERVOIRS IN HUMAN VISCERAL LEISHMANIASIS BY XENODIAGNOSIS: A PROOF OF CONCEPT STUDY <i>Om Prakash Singh; Puja Tiwary; Shakti Kumar Singh; Anurag Kushwaha; Phillip Lawyer; Edgar Rowton; Jaya Chakravarty; David Sacks; Shyam Sundar;</i>
C0477	PREDICTING THE DISTRIBUTIONS OF BRAZILIAN VECTORS OF LEISHMANIA FOR DIFFERENT CLIMATE CHANGE SCENARIOS <i>Bruno M. Carvalho; Paul D. Ready; Shannon McIntyre; Margarete M. S. Afonso; Simone M. da Costa; Marcelo R. P. Chaves; Thiago V. dos Santos; Elizabeth F. Rangel;</i>
C1427	LUTZOMYIA LONGIPALPIS TGF-BETA HAS A ROLE IN LEISHMANIA INFANTUM CHAGASI SURVIVAL IN THE VECTOR <i>Tatiana Di-Blasi; Erich Loza Telleria; Christiane Marques; Monique Neves; Rodrigo Macedo-Couto; Antonio Tempone; Yara Maria Traub-Cseko;</i>
C1653	CAN PHLEBOTOMUS PERNICIOSUS PLAY A ROLE OF PERMISSIVE VECTOR FOR LEISHMANIA TROPICA? EXPERIMENTAL EVIDENCE MAY SUGGEST THIS HYPOTHESIS <i>Gioia Bongiorno; Trentina Di Muccio; Riccardo Bianchi; Marina Gramiccia; Luigi Gradoni;</i>
C1892	THE PARAMETERS OF EXPERIMENTAL LEISHMANIA INFECTION IN THE SAND FLY VECTOR DETERMINE TRANSMISSION OUTCOME IN THE MAMMALIAN HOST: IMPLICATIONS FOR THE EPIDEMIOLOGY OF HUMAN DISEASE <i>Nathan Peters; Lisa Stamper; Rachel Patrick; Michael Fay; Phillip Lawyer; Dia-Eldin Elnaiem; Nagila Secundino; Alain Debrabant; David Sacks;</i>