

Young Investigator Award Session A

Sunday, October 28, 2018, 10:00 am - 3:00 pm

Sheraton - Oak Alley (4th Floor)

The Young Investigator Award is presented to outstanding young researchers during the Annual Meeting. This award encourages developing young scientists to pursue careers in various aspects of tropical disease research. Support these young scientists by attending their presentations during this session.

Presentation Number	Title	Author Block
	Judge	Peter Crompton <i>NIH, Rockville, MD, United States</i>
	Judge	Matthew B. Laurens <i>Division of Malaria Research, Institute for Global Health, University of Maryland School of Medicine, Baltimore, MD, United States</i>
	Judge	Naomi W. Lucchi <i>Centers for Disease Control and Prevention, Atlanta, GA, United States</i>
	Judge	Fernanda A. Pereira <i>Osvaldo Cruz Foundation, Salvador, Brazil</i>
3	The burden of skin disease and eye disease due to onchocerciasis in Africa for 2015 and 2025	Natalie V. Vinkeles Melchers¹ , Wilma A. Stolk ¹ , Jan H. Remme ² , Michele E. Murdoch ³ , Belén Pedrique ⁴ , Roel Bakker ¹ , Sake J. de Vlas ¹ , Luc E. Coffeng ¹ <i>¹Erasmus MC, University Medical Center Rotterdam, Rotterdam, Netherlands, ²120 rue des Campanules, Ornex, France, ³Department of Dermatology, Watford General Hospital, Watford, Hertfordshire, United Kingdom, ⁴Drugs for Neglected Diseases initiative (DNDi), Geneva, Switzerland</i>
109	Education, Menstrual Hygiene, and Female Genital Mutilation: Gender Disparity among Maasai Youth in Rural Kenya	Kristen Zozulin¹ , Josephine L. Ndirias ² , David R. Hill ¹ <i>¹Frank H Netter MD School of Medicine at Quinnipiac University, North Haven, CT, United States, ²Mukogodo Girls Empowerment Program, Nanyuki, Kenya</i>
289	Use of capillary blood leads to higher parasitemia estimates and higher diagnostic sensitivity of microscopic and molecular	Johannes Mischlinger¹ , Paul Pitzinger ² , Luzia Veletzky ¹ , Mirjam Groger ¹ , Rella Zoleko-Manego ³ , Ayola A. Adegnika ³ , Selidji T. Agnandji ³ , Bertrand Lell ³ , Peter G. Kremsner ⁴ ,

	diagnostics of malaria than venous blood sampling	Egbert Tannich ⁵ , Ghyslain Mombo-Ngoma ³ , Benjamin Mordmüller ⁴ , Michael Ramharter ¹ <i>¹Department of Tropical Medicine, Bernhard Nocht Institute for Tropical Medicine and University Medical Center Hamburg-Eppendorf, Hamburg, Germany, ²Medical University of Vienna, Vienna, Austria, ³Centre de Recherches Médicales de Lambaréné, Lambaréné, Gabon, ⁴Institut für Tropenmedizin, Universität Tübingen, Tübingen, Germany, ⁵Bernhard Nocht Institute for Tropical Medicine, World Health Organization Collaborating Centre for Arbovirus and Hemorrhagic Fever Reference and Research, Hamburg, Germany</i>
321	Effect of the ABO blood group on susceptibility to severe malaria and related outcomes: a systematic review and meta-analysis	Abraham Degarege¹ , Merhawi T. Gebrezgi ¹ , Gladys Ibanez ¹ , Mats Wahlgren ² , Purnima Madhivanan ¹ <i>¹Department of Epidemiology, Robert Stempel College of Public Health & Social Work, Miami, FL, United States, ²Department of Microbiology, Tumor and Cell Biology (MTC), Karolinska Institute, Stockholm, Sweden</i>
403	Impact of mass treatment with dihydroartemisinin piperazine on malaria transmission dynamics in The Gambia: a prospective study	Julia Mwesigwa¹ , Jane Achan ¹ , Miriam Wathou ¹ , Nuredin Ibrahim Mohammed ¹ , Musa Jawara ¹ , Aurelia Prom ¹ , Fatoumatta Kanuteh ¹ , Jean-Pierre Geertruyden ² , Umberto D'Alessandro ¹ <i>¹Medical Research Council Unit The Gambia at LSHTM, Banjul, Gambia, ²University of Antwerp, Antwerp, Belgium</i>
490	U.S. travelers' concern about Zika infection and willingness to receive a hypothetical Zika vaccine	Nadja A. Vielot¹ , Lola Stamm ² , James Herrington ³ , Linda Squires ⁴ , Bridget Kelly ⁴ , Lauren McCormack ⁴ , Sylvia Becker-Dreps ¹ <i>¹Department of Family Medicine, University of North Carolina at Chapel Hill, Chapel Hill, NC, United States, ²Department of Epidemiology, UNC Gillings School of Global Public Health, Chapel Hill, NC, United States, ³Department of Health Behavior, UNC Gillings School of Global Public Health, Chapel Hill, NC, United States, ⁴RTI International, Research Triangle Park, NC, United States</i>

504	Micronutrient Levels in a Pediatric Ugandan Cohort with Sick Cell Anemia	Thomas F. Siegert ¹ , Sarah E. Cusick ² , Russell E. Ware ³ , Robert O. Opoka ⁴ , Chandy C. John ⁵ <i>¹University of Washington School of Medicine, Seattle, WA, United States, ²Department of Pediatrics, University of Minnesota, Minneapolis, MN, United States, ³Division of Hematology, Department of Pediatrics, Cincinnati Children's Hospital Medical Center, Cincinnati, OH, United States, ⁴Department of Paediatrics and Child Health, Makerere University, Kampala, Uganda, ⁵Ryan White Center for Infectious Diseases and Global Health, Department of Pediatrics, Indiana University, Indianapolis, IN, United States</i>
509	Pitfalls of predicting leptospirosis by common clinical and biochemical markers	Janith Warnasekara ¹ , Dinesha Jayasundara ² , Indika Senavirathna ³ , Sisira Siribaddana ⁴ , Kularathna Sam ⁵ , Joseph Vinetz ⁶ , Suneth Agampodi ¹ <i>¹Department of Community Medicine, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Anuradhapura, Sri Lanka, ²Department of Microbiology, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Anuradhapura, Sri Lanka, ³Department of Biochemistry, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Anuradhapura, Sri Lanka, ⁴Department of Medicine, Faculty of Medicine and Allied Sciences, Rajarata University of Sri Lanka, Anuradhapura, Sri Lanka, ⁵Department of Medicine, Faculty of Medicine, University of Peradeniya, Kandy, Sri Lanka, ⁶Division of Infectious diseases, School of Medicine, University of California, San Diego, Anuradhapura, Sri Lanka</i>
527	Lymphangiogenic potential of <i>Withania somnifera</i>, a novel therapeutic agent targets host-parasite interaction in filarial induced secondary lymphedema	Anand Setty Balakrishnan <i>Madurai Kamaraj University, Madurai, India</i>
617	The role of high risk groups in maintaining <i>Schistosoma</i>	Christina L. Faust ¹ , Arinaitwe Moses ² , Andrina Nankasi ² , Fred Besigye ² , Atuhire Alon ² , Moses

	<i>mansoni</i> transmission despite over a decade of praziquantel treatment	Adriko ² , Narcis Kabatereine ² , Edridah Tukahebwa ² , Poppy H. Lamberton ¹ <i>¹Institute of Biodiversity, Animal Health, and Comparative Medicine, University of Glasgow, Glasgow, United Kingdom, ²Vector Control Division, Ministry of Health, Kampala, Uganda</i>
642	Evaluation of the CareStart™ Glucose-6-phosphate dehydrogenase (G6PD) Rapid Diagnostic test at Community and Health Center level in Cambodia	Bertha Wojnarski¹ , Lon Chanthap ¹ , Darapiseth Sea ¹ , Threechada Boonchan ¹ , Sabaithip Sriwichai ¹ , Soklyda Chann ² , Sohei Hom ¹ , Worachet Kuntawunginn ¹ , Philip Smith ¹ , Michele Spring ¹ , Mitra Feldman ¹ , Sokna Ly ² , Nichapat Uthaimongkol ¹ , Panita Gosi ¹ , Mali Ittiverakul ¹ , Nillawan Buathong ¹ , Somethy Sok ³ , Samon Nou ² , Pheaktra Oung ² , Nareth Kong ² , Vannak Pheap ² , Khengheang Thay ² , Vy Dao ² , Huy Rekol ⁴ , Lek Dysoley ⁴ , Mariusz Wojnarski ¹ , Mark Fakuda ¹ <i>¹US Armed Forces Research Institute of Medical Sciences, Bangkok, Thailand, ²US Armed Forces Research Institute of Medical Sciences, Phnom Penh, Cambodia, ³Ministry of National Defense, Department of Health, Phnom Penh, Cambodia, ⁴National Center for Parasitology, Entomology and Malaria Control, Phnom Penh, Cambodia</i>
680	Safety and Immunogenicity of AGS-v, a Mosquito Saliva Peptide Vaccine: a Randomized, Double-blind, Placebo-controlled Phase 1 Trial	Jessica E. Manning¹ , Fabiano Oliveira ¹ , Iliano V. Coutinho-Abreu ¹ , Samantha Herbert ¹ , Claudio Meneses ¹ , Shaden Kamhawi ¹ , Holly Ann Baus ¹ , Alison Han ¹ , Lindsay Czajkowski ¹ , Luz Angela Rosas ¹ , Adriana Cervantes-Medina ¹ , Rani Athota ¹ , Susan Reed ¹ , Ana Fernandez ² , Olga Pleguezuelos ² , Gregory Stoloff ² , Jesus G. Valenzuela ¹ , Matthew J. Memoli ¹ <i>¹National Institutes of Health, Bethesda, MD, United States, ²SEEK Pep Tcell Limited, London, United Kingdom</i>
783	Defining Diarrhea: A Population-Based Validation Study of Caregiver-Reported Stool Consistency in the Amhara Region of Ethiopia	Kristen Aiemjoy¹ , Solomon Aragie ² , Sintayehu Gebresillasie ² , Dionna Fry ¹ , Adane Dagnaw ² , Dagnachew Hailu ² , Meslew Chanyalew ³ , Zerihun Tadesse ² , Aisha Stewart ⁴ , Kelly Callahan ⁴ , Mathew Freeman ⁵ , John Neuhaus ¹ ,

		Benjamin F. Arnold ⁶ , Jeremy D. Keenan ¹ ¹ <i>University of California San Francisco, San Francisco, CA, United States</i> , ² <i>The Carter Center, Addis Ababa, Ethiopia</i> , ³ <i>Amhara Regional Health Bureau, Bahir Dar, Ethiopia</i> , ⁴ <i>The Carter Center, Atlanta, GA, United States</i> , ⁵ <i>Emory University, Atlanta, GA, United States</i> , ⁶ <i>University of California Berkeley, Berkeley, CA, United States</i>
1089	Safety and feasibility of apheresis to harvest and concentrate parasites in subjects with induced blood stage <i>Plasmodium vivax</i> infection	Anand Odedra¹ , Rebecca Pawliw ¹ , Rebecca Watts ¹ , Kari Mudie ² , Glen Kennedy ² , David Laloo ³ , James McCarthy ¹ ¹ <i>QIMR Berghofer, Brisbane, Australia</i> , ² <i>Royal Brisbane and Women's Hospital, Brisbane, Australia</i> , ³ <i>Liverpool School Tropical Medicine, Liverpool, United Kingdom</i>