

## Program

- 8:40 AM POSTER SET-UP
- 9:00 AM OPENING REMARKS: DENNIS KYLE, DIRECTOR OF CTEGD  
**SESSION 1 — ALEJANDRA VILLEGAS & LOGAN CROWE**
- 9:10 AM **JENNIFER DUMAINE**, DEPARTMENT OF PATHOLOGY, UNIVERSITY OF PENNSYLVANIA  
*CRYPTOSPORIDIUM PARVUM* EXPORTS PROTEINS INTO THE CYTOPLASM OF THE EPITHELIAL HOST CELL
- 9:30 AM **AMRITA SHARMA**, DEPARTMENT OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
MODES OF ACTION OF NEU-4438, AN ANTI-TRYPANOSOME LEAD DRUG
- 9:50 AM **INTRODUCTION OF THE EARLY CAREER SPEAKER: DENNIS KYLE**
- 9:55 AM **EMILY DERBYSHIRE**, ASSISTANT PROFESSOR OF CHEMISTRY, DUKE UNIVERSITY  
INTERDISCIPLINARY APPROACHES TO REVEAL *PLASMODIUM* PARASITE VULNERABILITIES
- 10:45 AM **POSTER SESSION I**
- SESSION 2 — EMMA TROTH & EDWIN PIERRE LOUIS**
- 11:35 AM **NUPUR KITTUR**, CENTER FOR TROPICAL & EMERGING GLOBAL DISEASES, UNIVERSITY OF GEORGIA  
CLINEPIDB.ORG: LOWERING THE BARRIER FOR EXPLORATORY DATA ANALYSIS OF GLOBAL HEALTH STUDIES
- 11:55 PM **GOPINATH VENUGOPAL**, DEPARTMENT OF MICROBIOLOGY & IMMUNOLOGY, UNIVERSITY OF ARKANSAS FOR  
MEDICAL SCIENCES  
MTOR MEDIATED IMMUNE CELL MIGRATION LEADS TO IMMUNOPATHOLOGY DURING *LEISHMANIA MAJOR*  
INFECTION
- 12:15 PM **WATCHARATIP DEDKHAD**, CENTER FOR TROPICAL & EMERGING GLOBAL DISEASES, UGA  
REGULATION OF THE EGRESS PROTEOLYTIC CASCADE IN MALARIA PARASITES
- 12:35 PM **LUNCH BREAK**
- SESSION 3 — MEGNA TIWARI & ALONA BOTNAR**
- 1:05 PM **TAMANASH BHATTACHARYA**, DEPARTMENT OF BIOLOGY, INDIANA UNIVERSITY  
EXPLORING THE IMPACT OF ENDOSYMBIONT-INDUCED VIRAL RNA METHYLATION ON ARBOVIRUS  
DISSEMINATION AND TRANSMISSION
- 1:25 PM **ABIGAIL CALIXTO**, CTEGD AND DEPT. OF MICROBIOLOGY, UNIVERSITY OF GEORGIA  
A PUTATIVE CALCIUM PROTON EXCHANGER OF *TOXOPLASMA GONDII*
- 1:45 PM **NATHAN CHASEN**, CENTER FOR TROPICAL & EMERGING GLOBAL DISEASES, UGA  
A *TRYPANOSOMA CRUZI* MYOSIN ASSOCIATED REGULATORY PROTEIN IS ESSENTIAL FOR ENDOCYTOSIS VIA  
THE CYTOSTOME-CYTOPHARYNX COMPLEX
- 2:05 PM **POSTER SESSION II**
- SESSION 4 — MELISSA SLEDA & NATHAN CHASEN**
- 2:55 PM **NATASHA PERUMAL**, CTEGD AND DEPT. OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
CGAS-STING PATHWAY ACTIVATION DURING *TRYPANOSOMA CRUZI* INFECTION LEADS TO TISSUE-DEPENDENT  
PARASITE CONTROL
- 3:15 PM **EMILY EBEL**, STANFORD UNIVERSITY  
RECURRENT DUPLICATION AND STRUCTURAL MUTATION GENERATE NOVEL ANTIGENIC GENES IN THE  
MALARIA PARASITE *P. FALCIPARUM*
- 3:35 PM **INTRODUCTION OF THE KEYNOTE SPEAKER: VASANT MURALIDHARAN**
- 3:40 PM **DANIEL GOLDBERG**, DISTINGUISHED PROFESSOR OF INFECTIOUS DISEASES AT WASHINGTON UNIVERSITY  
SCHOOL OF MEDICINE IN ST. LOUIS  
MALARIA PARASITE PLASMEPSINS: NOT JUST PLAIN OLD DEGRADATIVE PEPSINS
- 4:40 PM ADJORN

## Poster Presentations

TO LOCATE THE POSTER: THE FIRST NUMBER OF THE POSTER NUMBER CORRESPONDS TO THE FLOOR AND THE SECOND NUMBER CORRESPONDS TO TABLE NUMBER

- P4-01 **J. ANTONIO BAEZA**, INSTITUTE OF PARASITOLOGY, SLOVAK ACADEMY OF SCIENCES  
A FIRST LOOK AT THE 'REPEATOME' OF *BENEDENIA HUMBOLDTI*, A MAJOR PATHOGEN IN YELLOWTAIL AQUACULTURE: REPETITIVE ELEMENT CHARACTERIZATION, NUCLEAR RNA OPERON ASSEMBLY, AND MICROSATELLITE DISCOVERY
- P4-02 **NILMAR SILVIO MORETTI**, LABORATORY OF MOLECULAR BIOLOGY OF PATHOGENS, FEDERAL UNIVERSITY OF SÃO PAULO  
PROTEIN ACETYLATION AS KEY REGULATOR OF *LEISHMANIA* PARASITE STAGE DIFFERENTIATION
- P4-03 **SEVAN N. ALWAN**, DEPARTMENTS OF BIOCHEMISTRY AND STRUCTURAL BIOLOGY, UNIVERSITY OF TEXAS HEALTH SCIENCE CENTER  
IDENTIFICATION OF NOVEL THERAPEUTICS AGAINST HUMAN SCHISTOSOMIASIS
- P4-04 **JAQUAN HARLEY**, ALBRIGHT COLLEGE  
THE *VORTICELLA CONVALLARIA* CONTRACTILE VACUOLE
- P4-05 **MARIA TERESA GONZÁLEZ**, INSTITUTO DE CIENCIAS NATURALES ALEXANDER VON HUMBOLDT, UNIVERSIDAD DE ANTOFAGASTA  
MITOPHYLOGENOMICS REVEALS A NEW CRYPTIC SPECIES OF *BENEDENIA* DIESING, 1858 (MONOGENEA: CAPSALIDAE), A MAJOR PATHOGEN INFECTING THE YELLOWTAIL KINGFISH *SERIOLA LALANDI* VALENCIENNES, 1833 IN THE SOUTH-EAST PACIFIC
- P4-06 **TIMOTHY J. NESSEL**, DEPARTMENT OF BIOMEDICAL SCIENCES, IOWA STATE UNIVERSITY  
A TURBOID-BASED COMPARTMENTAL SENSOR FOR *PLASMODIUM FALCIPARUM*
- P4-07 **DULANI RUWANIKA K. PATHIRAGE**, DEPARTMENT OF PARASITOLOGY, UNIVERSITY OF COLOMBO  
MOLECULAR MARKERS COI AND ITS2 REVEALS THE PRESENCE OF GENE FLOW OF SAND FLIES IN SRI LANKA
- P4-08 **RENAN WEEGE ACHJIAN**, UNIVERSIDADE DE SÃO PAULO  
DESIGN AND IMPLEMENTATION OF A METABOLIC MODEL FOR THE PROLINE-GLUTAMATE PATHWAY IN *TRYPANOSOMA CRUZI*
- P4-09 **BRYAN E. ABUCHERY**, DEPARTMENT OF CHEMICAL AND BIOLOGICAL SCIENCES, SÃO PAULO STATE UNIVERSITY  
GENERATION OF *T. CRUZI* LINEAGES KNOCK-OUT FOR THE KINASE IP6K AND EVALUATION OF HOMOLOGOUS RECOMBINATION REPAIR CAPACITY
- P4-10 **JOHN SOGHIGIAN**, NORTH CAROLINA STATE UNIVERSITY  
ISLAND HOPPER TO GLOBE TROTTER: EVIDENCE FOR THE ORIGINS OF *Aedes aegypti* IN THE SOUTHWESTERN INDIAN OCEAN
- P4-11 **A. M. MURILLO**, DEPARTMENT OF PARASITOLOGY, UNIVERSITY OF SÃO PAULO  
THE CYSTEINE SYNTHASE ENZYME PLAYS AN IMPORTANT ROLE IN THE BIOLOGICAL CYCLE OF *TRYPANOSOMA CRUZI*
- P4-12 **SUSANNE WARRENFELTZ**, CENTER FOR TROPICAL AND EMERGING GLOBAL DISEASES, UGA  
VEUPATHDB: COMPREHENSIVE INFORMATICS SUPPORT FOR YOUR RESEARCH NEEDS
- P5-01 **AZHAR AHMAD**, MCARS, JAMIA MILLIA ISLAMIA  
ROLE OF AGC FAMILY KINASES IN THE ENDOCYTTIC PROCESSES OF THE PARASITE *ENTAMOEBIA HISTOLYTICA*

- P5-02 **VICTORIA MENDIOLA**, UNIVERSITY OF GEORGIA  
NOVEL MONO- AND BIS-PEROXIDE BRIDGED ARTEMISININ DIMERS SHOW POTENCY AGAINST ARTEMISININ-RESISTANT *PLASMODIUM FALCIPARUM*
- P5-03 **ARTHUR DE O. PASSOS**, DEPT. OF CHEMICAL AND BIOLOGICAL SCIENCES, SÃO PAULO STATE UNIVERSITY  
PRELIMINARY STUDY OF THE INOSITOL PYROPHOSPHATES METABOLIC PATHWAY IN KINETOPLASTIDS: AN EVOLUTIONARY PERSPECTIVE
- P5-04 **L. MARCHESI**, DEPARTMENT OF PARASITOLOGY, UNIVERSITY OF SÃO PAULO  
CHARACTERIZATION OF ASPARAGINE TRANSPORT AND CONSUMPTION IN *TRYPANOSOMA CRUZI*
- P5-05 **GABRIEL A. TAFUR-GOMEZ**, UNIVERSIDAD DE CIENCIAS APLICADAS Y AMBIENTALES  
*RHIPICEPHALUS SANGUINEUS* S.L TRANSCRIPTOME ANALYSIS OF QUESTING LARVAE AND ENGORGED LARVAE FROM FOUR DIFFERENT ECOLOGICAL SYSTEMS OF COLOMBIA
- P5-06 **FPL LEITE**, CENTER FOR TECHNOLOGICAL DEVELOPMENT, UFPEL/BRAZIL  
EVALUATION OF THE IMMUNOMODULATION MECHANISM OF THE TH2 RESPONSE IN MICE EXPERIMENTALLY INFECTED WITH *TOXOCARA CANIS*
- P5-07 **SABRINA MARSICCOBETRE**, DEPARTMENT OF PARASITOLOGY, UNIVERSITY OF SÃO PAULO  
ELUCIDATING THE IMPORTANCE OF BRANCHED CHAIN AMINO ACIDS CATABOLIC PATHWAY APPLYING CRISPR-CAS9 TECHNOLOGY IN *TRYPANOSOMA CRUZI*
- P5-08 **EMMA TROTH**, CTEGD AND DEPT. OF INFECTIOUS DISEASES, UNIVERSITY OF GEORGIA  
A NOVEL CYTOPATHOGENICITY ASSAY YIELDS NEW DRUG INTERVENTION STRATEGIES AGAINST *NAEGLERIA FOWLERI*, THE BRAIN-EATING AMOEBA
- P5-09 **MICAELE QUINTANA DE MOURA**, PARASITOLOGY LABORATORY, UNIVERSIDADE FEDERAL DO RIO GRANDE  
PROTECTIVE EFFECT OF *LACTOBACILLUS RHAMNOSUS* (ATCC 7469) ON THE INTESTINAL MUCOSA OF MICE EXPERIMENTALLY INFECTED WITH *TOXOCARA CANIS*
- P5-10 **BENJAMIN HOFFMAN**, DEPARTMENT OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
A CASEIN KINASE REGULATES DNA SYNTHESIS AND BASAL BODY BIOGENESIS IN *TRYPANOSOMA BRUCEI*
- P5-11 **DÉBORA CARVALHO RODRIGUES**, PARASITOLOGY LABORATORY, UNIVERSIDADE FEDERAL DO RIO GRANDE  
IN SILICO ANALYSIS OF NAPHTHOXYRANS MOLECULES WITH ACTIVITY AGAINST *TOXOCARA CANIS*
- P5-12 **MIRYAM A. HORTUA TRIANA**, CENTER FOR TROPICAL AND EMERGING GLOBAL DISEASES, UGA  
CHARACTERIZATION OF AN ENDOPLASMIC RETICULUM-RESIDENT CALCIUM-BINDING PROTEIN IN *TOXOPLASMA GONDII*
- P6-01 **A. CASSIOPEIA RUSSELL**, CTEGD AND DEPT. OF INFECTIOUS DISEASE, UNIVERSITY OF GEORGIA  
CHARACTERIZATION OF THE EXTRACELLULAR VESICLES SECRETED BY *NAEGLERIA FOWLERI*
- P6-02 **JUSTIN WIEDEMAN**, CTEGD AND DEPT. OF CELLULAR, UGA  
A SOLUTION TO THE CHALLENGE OF DECIPHERING PROTEIN KINASE PATHWAYS IN THE EVOLUTIONARILY DIVERGENT MICROBE *TRYPANOSOMA BRUCEI*
- P6-03 **LUCIANA F C AVILA**, POSTGRADUATE PROGRAM IN HEALTH SCIENCES, FURG/ BRAZIL  
*SACCHAROMYCES BOULARDII* STIMULATES IL-17 IN MICE INFECTED WITH *TOXOCARA CANIS*

- P6-04 **MADELAINE USEY**, CTEGD AND DEPT. OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
IDENTIFYING APICOMPLEXAN ATP SYNTHASE REGULATORS USING A FÖRSTER RESONANCE ENERGY TRANSFER (FRET) SENSOR
- P6-05 **SABRINA ELIZABETH CLINE**, CTEGD AND DEPT. OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
ELUCIDATING THE ROLE OF INOSITOL-TETRAKISPHOSPHATE 1-KINASE IN *TRYPANOSOMA CRUZI*
- P6-06 **MELANIE KEY**, Department of Biological Sciences, Clemson University  
*TOXOPLASMA GONDII* POSSESSES A FUNCTIONAL COPROPORPHYRINOGEN DEHYDROGENASE FOR ITS HEME PRODUCTION
- P6-07 **YETE G. FERRI**, DEPARTMENT OF CHEMICAL AND BIOLOGICAL SCIENCES, SÃO PAULO STATE UNIVERSITY  
IDENTIFICATION OF THE TARGET PROTEINS OF INOSITOL PYROPHOSPHATES IN *LEISHMANIA*: A PRELIMINARY STUDY
- P6-08 **HAZIQAH-RASHID**, DEPARTMENT OF EVOLUTION, ECOLOGY AND BEHAVIOUR, UNIVERSITY OF LIVERPOOL  
DO ARBOVIRUSES MANIPULATE THEIR MOSQUITO VECTOR'S THERMAL PREFERENCE TO INCREASE TRANSMISSION?
- P6-09 **MANUEL A. FIERRO**, DEPARTMENT OF BIOMEDICAL SCIENCES, IOWA STATE UNIVERSITY  
IDENTIFYING THE EARLIEST FACTORS REQUIRED FOR HOST CELL SUBVERSION BY *PLASMODIUM FALCIPARUM*
- P6-10 **MAYARA S. BERTOLINI**, CTEGD AND DEPT. OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
EXPLORING THE RELATION BETWEEN MICU1 AND MICU2 IN *TRYPANOSOMA CRUZI* BY GENERATION OF TcMICU1-KO/TcMICU2-KO CELLS
- P6-11 **EDWIN PIERRE LOUIS**, CTEGD AND DEPT. OF CELLULAR BIOLOGY, UNIVERISTY OF GEORGIA  
CHARACTERIZATION OF AN ESSENTIAL GOLGI LOCALIZED SECRETED EFFECTOR BINDING PROTEIN OF *TOXOPLASMA GONDII*
- P6-12 **LOGAN P. CROWE**, CENTER FOR TROPICAL AND EMERGING GLOBAL DISEASES, UNIVERSITY OF GEORGIA  
PROTEIN POLYPHOSPHORYLATION AND AGGREGATION BY INORGANIC POLYPHOSPHATE IN TRYPANOSOMES
- P7-01 **L. BROCK THORNTON**, DEPARTMENT OF BIOLOGICAL SCIENCES, CLEMSON UNIVERSITY  
INVESTIGATING *T. GONDII* VACUOLAR COMPARTMENT/PLANT-LIKE VACUOLE PHYSIOLOGY VIA THE RATIOMETRIC GFP REPORTER PHLUORIN2
- P7-02 **JILLIAN MILANES**, EPIC AND DEPT. OF GENETICS AND BIOCHEMISTRY, CLEMSON UNIVERSITY  
DEVELOPMENT OF TRANSFECTION APPROACHES FOR USE IN *NAEGLERIA FOWLERI*
- P7-03 **SUBASH GODAR**, EPIC AND DEPARTMENT OF PHYSICS AND ASTRONOMY, CLEMSON UNIVERSITY  
FUNCTIONAL ANALYSIS SHOWS THAT OUTER DYNEIN ARM LIGHT CHAIN-2 IS ESSENTIAL FOR DIRECTIONAL FLAGELLAR MOTILITY IN *TRYPANOSOMA BRUCEI*
- P7-04 **DAVID ANAGUANO-PILLAJO**, UNIVERSITY OF GEORGIA  
IDENTIFYING PROTEINS REQUIRED FOR EXPORT OF EFFECTORS TO THE *PLASMODIUM FALCIPARUM* INFECTED ERYTHROCYTE
- P7-05 **ELISABET GAS-PASCUAL**, CTEGD AND DEPT. OF BIOCHEMISTRY & MOLECULAR BIOLOGY, UGA  
THE ROLE OF OXYGEN-DEPENDENT GLYCOSYLATION ON SCF (SKP1-CULLIN-1-FBOX) REGULATION IN *TOXOPLASMA GONDII*

- P7-06 **RUBY E. HARRISON**, DEPARTMENT OF ENTOMOLOGY, UNIVERSITY OF GEORGIA  
SIMULTANEOUS INGESTION OF CARBOHYDRATES AND PROTEINS INDUCES CONTINUOUS OOGENESIS IN MOSQUITOES
- P7-07 **LUI P. SUZUKI-WILLIAMS**, CTEGD AND DEPARTMENT OF BIOCHEMISTRY AND MOLECULAR BIOLOGY, UGA  
ANALYSIS OF *P. FALCIPARUM* FIELD ISOLATES FOR MUTATIONS IN THE CHLOROQUINE RESISTANCE TRANSPORTER AND KELCH13 PROPELLER GENES
- P7-08 **POOJA RANI MINA**, CIMAP  
ARE PLANT DERIVED ADJUVANTS PROVIDING A PATH IN THWARTING EMERGING DRUG RESISTANT MALARIA
- P7-09 **MEGNA TIWARI**, CTEGD AND DEPARTMENT OF BIOCHEMISTRY & MOLECULAR BIOLOGY, UGA  
DOES A NOVEL *TOXOPLASMA GONDII* O-FUCOSYLTRANSFERASE MODULATE THE LOCALIZATION OF TARGET PROTEINS?
- P7-10 **KATHERINE WENTWORTH**, EPIC AND DEPARTMENT OF BIOLOGICAL SCIENCES, CLEMSON UNIVERSITY  
GENERATION OF *TRYPANOSOMA BRUCEI* CRISPR/CAS9 KNOCKOUTS TO UNDERSTAND THE ROLE OF TUBULIN POST TRANSLATIONAL MODIFICATION
- P7-11 **IFEOLUWA KAYODE FAGBOHUN**, UNIVERSITY OF LAGOS  
MOLECULAR AND METABOLIC RESISTANCE MECHANISMS IN MULTIPLE INSECTICIDES RESISTANT *CULEX QUINQUEFASCIATUS* POPULATION FROM LAGOS, NIGERIA
- P7-12 **HUAN HE**, DEPARTMENT OF MICROBIOLOGY, MOLECULAR GENETICS & IMMUNOLOGY, UNIVERSITY OF KANSAS SCHOOL OF MEDICINE  
MECHANISMS OF *BORRELIA* SURFACE LIPOPROTEIN TRANSLOCATION THROUGH THE OUTER MEMBRANE
- P8-01 **JIGNESHKUMAR MOCHI**, CENTRAL UNIVERSITY OF GUJARAT  
ADENYLOSUCCINATE LYASE AND ADENYLOSUCCINATE SYNTHETASE, KEY ENZYMES FOR PURINE SALVAGE PATHWAY IN *LEISHMANIA DONOVANI*
- P8-02 **ALEJANDRA VILLEGAS**, UNIVERSITY OF GEORGIA  
AN ESSENTIAL FRINGE-LIKE PROTEIN IN THE *PLASMODIUM FALCIPARUM* ASEXUAL LIFE CYCLE
- P8-03 **JUSTINE C. SHIAU**, CTEGD AND DEPARTMENT OF INFECTIOUS DISEASES, UNIVERSITY OF GEORGIA  
IN VITRO HEPATOCYTE CULTURE OF FIELD-DERIVED *PLASMODIUM FALCIPARUM*
- P8-04 **JIAYAN ZHANG**, DEPT. OF MICROBIOLOGY, IMMUNOLOGY & MOLECULAR GENETICS, MOLECULAR BIOLOGY INSTITUTE, AND CALIFORNIA NANOSYSTEMS INSTITUTE, UCLA  
STRUCTURE OF THE TRYPANOSOME PARAFLAGELLAR ROD AND INSIGHTS INTO NON-PLANAR MOTILITY OF EUKARYOTIC CELLS
- P8-05 **SUNIL KUMAR NARWA**, DIV. OF MOLECULAR PARASITOLOGY & IMMUNOLOGY, CSIR-CENTRAL DRUG RESEARCH INSTITUTE  
THE MALARIAL STEAROYL-COA DESATURASE IS ESSENTIAL ONLY FOR PARASITE LATE LIVER STAGE DEVELOPMENT
- P8-06 **BEATRIZ CRISTINA DIAS DE OLIVEIRA**, DEPT. OF CHEMICAL & BIOLOGICAL SCIENCES, SÃO PAULO STATE UNIVERSITY  
STUDY OF THE EFFECTS OF TELOMERASE RNA (TER) KNOCKOUT IN *LEISHMANIA MAJOR*

- P8-07 **CHARLIE FRANCK ALFRED COMPAORÉ**, CENTRE INTERNATIONAL OF RECHERCHE-DÉVELOPPEMENT SUR L'ÉLEVAGE EN ZONE SUBHUMIDE, UNITÉ DE RECHERCHE SUR LES MALADIES À VECTEURS ET BIODIVERSITÉ, UNIVERSITÉ NAZI BONI, UNITÉ DE FORMATION ET DE RECHERCHE SCIENCES ET TECHNIQUES  
ANALYTICAL SENSITIVITY OF LOOPAMP AND QUANTITATIVE REAL-TIME PCR ON DRIED BLOOD SPOTS AND THEIR POTENTIAL ROLE IN MONITORING HUMAN AFRICAN TRYPANOSOMIASIS ELIMINATION
- P8-08 **RONALD ANDANJE**, ALBRIGHT COLLEGE  
DEVELOPING A *CRITHIDIA* PARASITE CURE (COURSE UNDERGRADUATE RESEARCH EXPERIENCE) FOR BIOCHEMISTRY LAB USING METABOLICALLY LABELLED 1-<sup>13</sup>C-GLUCOSE AND <sup>13</sup>C-NMR
- P8-09 **NICHOLAS C. MUCCI**, DEPARTMENT OF MICROBIOLOGY, UNIVERSITY OF TENNESSEE-KNOXVILLE  
CHEMICAL ECOLOGY OF AN APEX PREDATOR LIFE CYCLE
- P8-10 **CAMILA GOMEZ**, DEPARTMENT OF BIOLOGY, GEORGIA STATE UNIVERSITY  
INTRACELLULAR CALCIUM TRANSPORT IN *CRITHIDIA FASCICULATA* IS REGULATED BY THE MITOCHONDRIAL CALCIUM UNIPORTER
- P8-11 **NAIXIN ZHANG**, UNIVERSITY OF FLORIDA  
IDENTIFICATION AND CHARACTERIZATION OF *LEISHMANIA* PI3K CLASS 2 (LDPI3KC2) THAT LOCALIZES TO THE *LEISHMANIA* PARASITOPHOUS VACUOLE AT THE HOST PARASITE INTERFACE
- P8-12 **ALINE C. A. MOREIRA-SOUZA**, INSTITUTE OF BIOPHYSICS CARLOS CHAGAS FILHO FEDERAL UNIVERSITY OF RIO DE JANEIRO  
CONTRIBUTION OF PURINERGIC SIGNALING DURING *TOXOPLASMA GONDII* INFECTION
- P9-01 **MARK E. SHIBURAH**, BIOSCIENCES INSTITUTE OF BOTUCATU, SÃO PAULO STATE UNIVERSITY  
REGULATION OF TELOMERE LENGTH AND TELOMERASE ACTIVITY DURING THE *LEISHMANIA AMAZONENSIS* DEVELOPMENTAL CYCLE AND POPULATION REPLICATION
- P9-02 **TAHIR HUSSAIN**, IOWA STATE UNIVERSITY  
EXP2 IS IMPORTANT FOR INTRAHEPATIC PARASITE DEVELOPMENT DURING THE *PLASMODIUM* LIVER-STAGE
- P9-03 **DANIEL VELEZ-RAMIREZ**, DEPARTMENT OF MICROBIOLOGY, IMMUNOLOGY & MOLECULAR GENETICS, UCLA  
CAMP-DEPENDENT PHOSPHORYLATION OF FLAGELLUM MATRIX PROTEINS IN *TRYPANOSOMA BRUCEI*
- P9-04 **CHAHINEZ BOUGUERCHE**, FACULTÉ DES SCIENCES BIOLOGIQUES, UNIVERSITÉ DES SCIENCES ET DE LA TECHNOLOGIE HOUARI BOUMEDIENE AND INSTITUT SYSTÉMATIQUE ÉVOLUTION BIODIVERSITÉ, MUSÉUM NATIONAL D'HISTOIRE NATURELLE  
DESCRIPTION OF A NEW SPECIES, *MICROCOTYLE VISA* (MONOGENEA: MICROCOTYLIDAE), A GILL PARASITE OF *PAGRUS CAERULEOSTICTUS* (TELEOSTEI: SPARIDAE) USING INTEGRATIVE TAXONOMY
- P9-05 **ELIZA LUPENZA**, DEPARTMENT OF PARASITOLOGY & MEDICAL ENTOMOLOGY, MUHIMBILI UNIVERSITY OF HEALTH & ALLIED SCIENCES  
LYMPHATIC FILARIASIS ELIMINATION STATUS: *WUCHERERIA BANCROFTI* INFECTIONS IN HUMAN POPULATIONS AND FACTORS AFFECTING CONTINUED TRANSMISSION AFTER SEVEN ROUNDS OF MASS DRUG ADMINISTRATION IN MASASI DISTRICT, TANZANIA
- P9-06 **CHAHINEZ BOUGUERCHE**, FACULTÉ DES SCIENCES BIOLOGIQUES, UNIVERSITÉ DES SCIENCES ET DE LA TECHNOLOGIE HOUARI BOUMEDIENE AND INSTITUT SYSTÉMATIQUE ÉVOLUTION BIODIVERSITÉ, MUSÉUM NATIONAL D'HISTOIRE NATURELLE  
TELL ME WHAT YOU EAT, I WILL TELL YOU WHAT ARE! A STUDY OF A HYPERPARASITE *CYCLOCOTYLA BELLONES* (MONOGENEA, PLATYHELMINTHES) USING INTEGRATIVE TAXONOMY

- P9-07 **ANNA GIOSEFFI**, MICROBIOLOGY AND CELL SCIENCE, UNIVERSITY OF FLORIDA  
EXTRACELLULAR VESICLES RELEASED BY *LEISHMANIA DONOVANI* INFECTED MACROPHAGES CONTAIN PARASITE  
MOLECULES AND MAY CONTRIBUTE TO LESION DEVELOPMENT AND IMMUNE MODULATION
- P9-08 **MELISSA A. SLEDA**, DEPARTMENT OF CELLULAR BIOLOGY, UNIVERSITY OF GEORGIA  
TARGETING THE ISOPRENOID PATHWAY OF THE APICOMPLEXAN PARASITE *TOXOPLASMA GONDII*
- P9-09 **TAMAR FELDMAN**, STANFORD UNIVERSITY  
*PLASMODIUM* AND THE BONE MARROW: UNCOVERING NOVEL HOST-PARASITE INTERACTIONS
- P9-10 **ALONA BOTNAR**, CTEGD AND DEPARTMENT OF INFECTIOUS DISEASES, UNIVERSITY OF GEORGIA  
INVESTIGATING THE ROLE OF GIBBERELIC ACID ON DIHYDROARTEMISININ-INDUCED DORMANT *PLASMODIUM*  
*FALCIPARUM*
- P9-11 **AYELEN LIZARRAGA**, INSTITUTO TECNOLÓGICO CHASCOMÚS, NATIONAL SCIENTIFIC AND TECHNICAL  
RESEARCH COUNCIL-NATIONAL UNIVERSITY OF SAN MARTIN  
ADENINE DNA METHYLATION, 3D GENOME ORGANIZATION, AND GENE EXPRESSION IN THE PARASITE  
*TRICHOMONAS VAGINALIS*