

6th International Conference on
**Tropical Medicine and
Infectious Diseases**

**January 28,29 2019
Barcelona, Spain**



SCIENTIFIC PROGRAM

08:30-09:00 **Registrations**09:00-09:30 **Introduction****09:30-09:50 COFFEE BREAK**09:50-11:50
Meeting Hall 01**KEYNOTE LECTURES**

	MEETING HALL 01	MEETING HALL 02
11:50-13:10	Talks On: Talks on Parasitology	Talks On: Talks on Infectious Diseases
	Medical Parasitology	Communicable diseases and their Control
	Vector Parasitology	Vector-borne and Parasitic Diseases
	Parasitology & Entomology	Hospital Infection and Arboviral Diseases
	Bacteriology and Parasite Ecology	Neurological Diseases
	Blood Infectious Diseases	

13:10-13:15 GROUP PHOTO**13:15-14:00 LUNCH BREAK**

	MEETING HALL 01	MEETING HALL 02
14:00-16:00	Talks On: Talks on Neglected Tropical Diseases	Talks On: Tropical Medicine and Various other Medicine
	Dengue and Chikungunya	Chest Medicine
	Chagas disease, Buruli Ulcer and Leishmaniasis	Renal Medicine
	Human African trypanosomiasis, Dracunculiasis and Yaws	Cardiovascular Medicine
	Other Major Neglected Tropical Diseases	Diarrhoeal Diseases

16:00-16:20 COFFEE BREAK**MEETING HALL 01 (16:20-17:00)****Young Research Forum****MEETING HALL 01 (17:00-18:00)****Workshop**

09:00-10:30
Meeting Hall 01

KEYNOTE LECTURES

10:30-10:50 COFFEE BREAK

	MEETING HALL 01	MEETING HALL 02
10:50-12:50	Talks On: Sexually-Transmitted Infections and the BIG THREE	Talks On: Talks on Clinical Tropical Medicine
	Various Sexually Transmitted Diseases	Novel diagnostics and drugs
	The BIG THREE (HIV, Tuberculosis, Malaria)	Biosafety and biosecurity
	Impact of STD on Reproductive Health	Nursing and patient care
	Various approaches for Prevention	Quality assurance of products and procedures
	Clinical trials, ethics and regulation	

12:50-13:35 LUNCH BREAK

	MEETING HALL 01	MEETING HALL 02
13:35-15:55	Talks On: Tropical Biomedical Sciences	Talks On: Mental Health and Nosocomial Infections
	Molecular biology and epidemiology	Nosocomial Infection
	Vector biology	Antimicrobial Resistance
	Diagnostic and therapeutic innovations	Malaria drug resistance
	Immunology and Vaccinology	Acute Behavioural Disturbance

15:55-16:15 COFFEE BREAK

MEETING HALL 01 (16:15-17:00)	MEETING HALL 01 (17:00-18:00)
Poster Presentations	Workshop

PAST AFFILIATES

Michael T Brady

Nationwide Children'S Hospital, USA

Harpal S Mangat

Howard College Of Medicine, USA

Michael D Geschwind

University Of California, USA

Hua Zhu Rutgers

New Jersey Medical School, USA

Atul Ratra

Eisenhower Medical Center, USA

Jose A Gonzales

Zamora University Of Miami, USA

Suman Laal

School Of Medicine, USA

Adugna Woyessa

Center For Disease Control And Prevention (Cdc)- Atlanta, USA

Imran H Khan

University Of California, Davis, USA

Eugénie Bergogne Bérézin Bichat-Claude

Bernard Hospital-Paris University, France

Benjamin

Lelouvier Vaiomer, France

Valentin Trofimov

Center For Infection And Immunity Of Lille, France

Catherine Mullié

University Of Lille, France

Arnaud Avril

Institute of Biomedical Research, France

Jamal Tazi

University Of Montpellier , France

Zoher Kadi

Beauvais Hospital Center, France

Maurizio Ferri

Italian Society of Vetenery and Preventive Medicine, Italy

Samuel Inkabi

Linkoping University, Sweden

Nichola Ashby

The University Of Nottingham, UK

PAST AFFILIATES

Guozheng

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Research, Australia

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Department Of Infectious Diseases Epidemiology, Statens
Serum Institut, Copenhagen, Denmark

Tereza Jancuskova Kitgen

Czech Republic

Gesesew Hailay

Flinders University, Australia

Philip Norrie

Sydney, Australia

Samuel Inkabi

Linköping University, Sweden

Stef Stienstra

Royal Dutch Armed Forces, Netherlands

Carlos Alberto Guzman

Helmholtz Centre For Infection Research, Germany

Pietro Mastroeni

University Of Cambridge, UK

Nito Panganiban

Tulane University, USA

Osadolor Ebhuoma

University Of Kwazulu-Natal, South Africa

Chris Whiteley

Rhodes University, South Africa

Adriano Pereira

São Paulo State University, Brazil

Nazibrola Chitadze

National Center For Disease Control And Public Health,
Georgia

Shigeyuki Kano

National Center For Global Health And Medicine, Japan

Victoria Chalker

Public Health England, UK

PAST AFFILIATES

Christopher Lloyd Peaty

*Australian Army Malaria Institute, Australia ,
Australia*

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Id-Fish Technology, USA

Yoshio Ichinose

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Prashant Mule

Tata Memorial Hospital, India

Pavithra

Sree Balaji Medical College And Hospital, India

Alok Kumar Yadav

*Motilal Nehru National Institute Of Technology
Allahabad, India*

Prashant Mule

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Pragya Khanna Gujarat

Medical Education And Research Society, India

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*Sanjay Gandhi Postgraduate Institute Of Medical
Sciences, India*

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Sao Paulo State University, Brazil

Chris Whiteley

*National Taiwan University Science & Technology,
Taiwan*

Chandra Shekar Pingili

Sacred Heart And Saint Joseph Hospitals

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Biotechnology, South Korea*

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*Mar Del Plata National University, Exact And Natural
Science Faculty, Argentina*

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Al-Qasim Green University, Iraq

Avegail M Cardinal

Saint Louis University In Baguio City, Philippines

Ayinalem Alemu,

Ethiopian Public Health Institute, Ethiopia

Bilal Alam Cleveland

Clinic Fairview Hospital

Huseyin Kayadibi

Hitit University School Of Medicine, Turkey

6th International Conference on Tropical Medicine & Infectious Diseases

JANUARY 28-29, 2019 | BARCELONA, SPAIN

AGENDA

Title: Ellagic acid modulates the oxidative stress profile in various organs of *Trypanosoma congolense* infected rats

Aminu Mohammed

Department of Biochemistry,
Ahmadu Bello University.

Dr.Aminu Mohammed, an academic staff from Ahmadu Bello University, Zaria-Nigeria obtained his PhD Biochemistry from the famous University of KwaZulu-Natal, South Africa at Biomedical Research Lab. His research interest focus on screening and isolation of potent phytochemicals with antidiabetic or antitrypanosomal potentials from vast wealth of plants located in African region using modern spectroscopic techniques. In addition, we are interested in elucidating the possible mode of actions of extracts or compounds from the plants using various *in vitro* and *in vivo* models.

Title: Characterization of new therapeutic druas aaainst leishmaniasis

Ana Poveda

Instituto de Investigación en
Salud Pública y Zoonosis.

Doctor in molecular biology, Universitat de València, España. Post-doc at Institut de Génétique Humaine-CNRS, Francia. Researcher at fields of chromatin, histone modification, DNA replication and evaluation of active molecules in *S. cerevisiae* and *Leishmania* spp. Professor at Universidad Central del Ecuador (Centro Internacional de zoonosis, Facultad de Ciencias Químicas). IP of DNA replication&Genome instability (DR&GI) at Centro Internacional de Zoonosis. Autor of 14 publications.

Title: Fatal fulminant murine typhus (MT) presenting with status epilepticus and multiorgan failure: A case report

Apeksha Agarwal

University of Texas Health
Science Center at San
Antonio, Texas, USA.

Apeksha Agarwal is a third year anatomic and clinical pathology resident at University of Texas Health Science Center at San Antonio, Texas, USA.

Title: Anthelmintic treatment response and resistance emergence in a human population of Southern Mozambique infected with soil-transmitted

Berta Grau-Pujol

Barcelona Institute for Global Health, ISGlobal-CRESIB, Universitat de Barcelona, Spain

Berta Grau has a Bachelor in Human Biology from the Universitat Pompeu Fabra (UPF), Barcelona, and a Master in Control of Infectious Diseases from the London School of Hygiene and Tropical Medicine. She did both her Bachelor and Master's dissertations on epidemiology and control of infectious diseases in Mozambique and in Paraguay, respectively. In 2015, she joined the group of Dr. Jose Muñoz to develop the area of soil-transmitted helminths and schistosomiasis. She is nowadays based in Manhica, Mozambique.

Title: Pre travel preparedness of international students undertaking electives in a Medical College in Bengaluru City, South India

Bhavya Balasubramanya

Christian Medical College

Dr. Bhavya Balasubramanya is a trained community health physician and works with underprivileged and vulnerable individuals in rural communities in Tamil Nadu, South India. She trains under graduate and post graduate medical students including foreign medical students and paramedics. She has a keen interest in field epidemiology and research. She works in the capacity of Assistant professor at the Rural Unit for Health and Social Affairs, which is a peripheral unit of the Christian Medical College Vellore. Her areas of interest are emporiatrics, tropical diseases and disaster management.

Title: Antimicrobial Resistance Patterns and Seasonal Variation Among 2017 Isolates at the Mulago National Referral Hospital (MNRH) in Kampala, Uganda

Carlie Skellington

Columbia University Mailman School of Public Health, NY 10032, USA

Carlie Skellington is a MPH candidate at Columbia University Mailman School of Public Health studying epidemiology and humanitarian assistance. She graduated with honors from Lehigh University in 2015 with a B.S. in Biology, during which she worked in Dr. Jill Schneider's neuroendocrinology laboratory and completed her independent thesis research project on assessing environmentally-induced variability of morphological, ingestive, and reproductive traits in the male Syrian hamster based on living conditions (group-housed vs. singlyhoused).

Title: Polluted Water increases the risk of Dementia

Dr Fiaz Ahmad

Registered with National
Council for Homeopathy

Dr. Fiaz Ahmad has expertise in evaluation and passion in improving the health and social. He writes articles in healthcare and social for both national and international newspapers. He tries to find the reason behind the different disease conditions and treat through the medicinal plants. This approach is responsive to all categories of people in society and has a different way of improving mental and social life of people.

Title: Reverse Pharmacology for developing Novel Compounds for Malaria

Ivana Haluskova Balter

Consultant research and
development partnership for
health, France.

French medical/scientific expert, specialised in infectious and tropical diseases, NCDs and certified in Immunology and Pediatric, MBA in vaccinology and Public health . Lived multi-country medical "field "experience in Southeast Asia, West/Central/East Europe and Middle East. Speaking French, English, Russian, Italian, Czech, and Slovak with notion of Mandarin. Over 17 years of experience in pharmaceutical research and development for European and USA companies as Medical lead /Director of R&D and Medical independent consultant PP.

Title: A survey of hydatidosis surgical cases in Kermanshah province during 2012-2013

Jaber Davoudi, Islamic Azad University

Jaber davoodi is PhD veterinary parasitology and director of ph.D department of Microbiology of Islamic Azad university,Zanjan branch,Zanjan-Iran.In this research a retrospective study has been by him to determne the incidence of Hydatidosis amonge surjery cases paitients hospitalized in two hospitals of Kermanshah,western provience of Iran,and survey their relationship with definitive host of hydatidosis (dog) and consumption of vegetabls and other foods by this animals in this paitients.

Title: Eliminating leprosy: a marathon rather than a sprint?**Karl Philipp Puchner**

German Leprosy and TB
Relief Association, Würzburg,
Germany

Karl Philipp Puchner is a physician specialized in internal medicine and has a master's degree in "International health" from the Institute of Tropical Medicine and International Health in Berlin. Since 2015, he is working as a medical advisor for the German Leprosy and Tb Relief Association (GLRA) and since August 2017 as a medical coordinator of Médecins du Monde, Greece. During his career, he has acquired experience and skills, among others, in the fields of internal medicine, tropical medicine - particularly NTDs and TB - public health, refugee and migrant health as well as epidemiological research.

Title: Molecular Detection of Theileria, Babesia, and Hepatozoon spp. in Ixodid ticks from Palestine**Kifaya Azmi,**

Biochemistry and Molecular
Biology Department-Faculty of
Medicine-Al-Quds University

kifaya azmi has completed her PhD from Charite University School of Medicine, Berlin. She is one of staff member of A-Quds University, faculty of medicine. Teaching biochemistry and molecular biology. Recently working on MRSA project, published more than 35 papers in reputed journals. Corresponding Author: Biochemistry and Molecular Biology Department, Al-Quds University, Faculty of Medicine, P.O. Box: 20002, the West Bank, Palestine.

Title: LPS retard chondrocyte hypertrophy in the growth plate through elevating Sox9 expression**Peizhi Li**

Dept of Histology & Embryology
at Medical School of Jinan at
DUniversity.

Peizhi Li acquired her Bachelor of Medicine in 2016 from Guizhou Medical University, and now is working as a postgraduate student at Dept of Histology & Embryology at Medical School of Jinan University. Her research work mainly focuses on skeletogenesis and the factors related to skeletal malformation. She has published several papers on her work.

Title: Integrated Vector Control: Proven Methods or Miasmatic Vapors? A call to Action Biosensors**Manuel F. Lluberas,**

Director for Public Health, H.D.
Hudson Manufacturing Company,
USA.

Mr. Lluberas is a public health and veterinary entomologist with thirty years of experience designing, implementing and evaluating Integrated Vector Management (IVM) programs in over sixty countries in three continents. His professional portfolio includes designing the framework for mosquito control operations under the US President's Malaria Initiative for sub-Saharan Africa (PMI) and designing and implementing emergency vector control activities for Indonesia's Ministry of Health in Banda Aceh after the Tsunami of 2005. He is an active member of WHO's Vector Control Working Group and the Global Collaboration for the Development of Pesticides for Public Health. His many contributions earned him the Meritorious Service Medal from the American Mosquito Control Association. He is an FAA-certified drone pilot, merchant marine captain and an avid sailboat racer and sailing instructor.

Title: Evaluation of immune response markers in sera of children infected with Giardia duodenalis AI and All sub-assemblages.**Márcia C. A. Teixeira,**

Universidade Federal da Bahia,
Brazil.

Dr. Marcia Teixeira has graduation in Pharmacy from the Federal University of Bahia, Brazil, a master's degree and a PhD in Cell and Molecular Biology from Instituto Oswaldo Cruz – FIOCRUZ, Brazil. She is currently an Associate Professor at the Faculty of Pharmacy of the Federal University of Bahia and coordinator of the Laboratory of Clinical and Toxicological Analysis of the Faculty of Pharmacy. She has experience in Parasitology and Immunology, working mainly in the following subjects: Giardia duodenalis, Cryptosporidium and Strongyloides stercoralis, with emphasis on parasitological, immunological and molecular diagnosis, immunity and molecular epidemiology of parasites.

Title: Effectiveness of Alcohol-Based Hand Rub in the Healthcare Setting**Marie St. Rose,**

Director, Allied Health
Programs, Norfolk State
University, USA.

Marie St. Rose's interests are in health and education and she had the privilege of contributing to both disciplines. Her publications include topics such as screening mammography, chronic diseases, and technology. Prior to her career in academia, she worked as a registered nurse in many patient areas in the hospital setting.

Title: The Ecological Hosts Shift of Parasites and the outbreak of Emerging Infectious Diseases

Mohammed Seid Legas,

Department of Ecotourism and Biodiversity conservation, College of Agriculture and Forestry, P.O. Box 318 Mettu University.

Mohammed Seid has his experience in teaching in higher institutions and research project works. In doing so he has conducted project work on the effects of intestinal helmenths and associated risk factors at rural households to improve their health and wellbeing. He also participated in research article evaluations. Besides, has been actively involving in community services activities through delivering professional services and trainings under various issues.

Title: Socio-demographic and meteorological factors affecting malaria in Pakistan: A Bayesian spatial analysis

Muhammad Farooq Umer,

Jiaotong University Health Science Center.

Dr Muhammad Farooq Umer studied dentistry and specialized in public health from Pakistan. He is presently a PhD Epidemiology candidate (final year phd student) at School of Public Health, Xi'an Jiaotong University, China. His expertise is in field epidemiology and management of Public health Projects. He is currently working on malaria and vaccination coverage in Pakistan. Current study is a part of his PhD project

Title: Strongyloides stercoralis hyperinfection in a patient with HTLV-1: a case report of an infection with rhabditoid and filarioid larvae, eggs and free-living adult female

Neci Matos Soares,

Federal University of Bahia, Brazil.

Neci Matos Soares is PhD in Cell and Molecular Biology from the Oswaldo Cruz Foundation (1996), Rio de Janeiro, Brazil in the area of immunoparasitology. Professor of undergraduate and postgraduate students, Federal University of Bahia, Faculty of Pharmacy, Brazil. Develops research projects in the lines of parasitological, immunological and molecular diagnosis of parasitic diseases, with emphasis on strongyloidiase, in addition to studies on immunopathology of Strongyloides stercoralis and Leishmania infections. In the last five years, 18 papers have been published that is results of masters and doctoral studies.

Title: Optoisolation circuits solution to medical Instruments: Analysis by using nonlinear dynamic

Ofer Aluf,
Ben-Gurion University

Ofer Aluf is a graduate of Ben-Gurion University (Israel), and holds a BSc degree in Electrical Engineering and an MSc in Physics. He has many years of experience on the high tech market in the following areas: system and integration engineering; application and support; wafers testing; chip design; RF and microwave systems verification; and semiconductors. His specialties include: circuits and systems; RF and microwave systems; RF and microwave antennas – design, simulation and analysis; RFID systems – design and simulation; electrooptics, optoisolation modules and circuits; non-linear dynamics; optical and electro-optical systems; RF/RFIC circuits – simulation and analysis; and biological systems analysis. He has published many academic books and numerous refereed papers in professional and IEEE journals.

Title: Challenges in Malaria Control in Africa: Drug resistance, Population Structure and Co-infection

**Oumou Maiga
Ascofare,**
Kwame Nkrumah University of
Science and Technology

Oumou Maiga-Ascofare is a parasitologist. She acquired her PhD from Paris Descartes University (France) and University of Bamako (Mali). From 2011 to 2014, she was holding a postdoctoral position at the Bernhard-Nocht Institute for Tropical Medicine in Germany as the malaria specialist in the Infectious Disease Epidemiology Department. In 2015, she was engaged in the Ebola Diagnostic Training for non-epidemic Western African countries funded by the foreign Affairs Ministry of Germany, which took place in Ghana. Since 2016, Oumou has joined the Kumasi Centre for Collaborative Research in Tropical Medicine in Ghana as project coordinator of studies on malarial co-infection and neglected tropical diseases.

Title: Khaya grandifoliola C.DC: a potential source of active ingredients with pharmacological activities

Paul Moundipa F,
Department of Biochemistry,
University of Yaounde I

Dr. Paul Moundipa Fewou has obtained a Doctorate in Science and a PhD in Biochemistry at University of Yaounde I (UYI) in Cameroon. A post-graduate research training at Faculté de Medecine et de Pharmacie in 1989-1990 (Université de Rouen, France) and 2002 at Institute of Andrology (University of Giessen, in Germany). He is a full Professor at the Department of Biochemistry, Faculty of Science, UYI since 2010. As Head of the Laboratory for Pharmacology and Toxicology at the Faculty of Science at UYI, his research interests have been on drug development against non-infectious and infectious diseases. He is owner of More than 110 publications and chapters in book. He has trained more than 50 Masters and 20 PhD students.

Title: Rational Approach to Model the Imidazolium Based Ionic Salts as Anthelmintic Drug

Prabodh Ranjan,
Central University of Gujarat.

Prabodh Ranjan has his expertise in evaluation and passion in improving the health and wellbeing. Her open and contextual evaluation model based on responsive constructivists creates new pathways for improving healthcare. She has built this model after years of experience in research, evaluation, teaching and administration both in hospital and education institutions. The foundation is based on fourth generation evaluation (Guba & Lincoln, 1989) which is a methodology that utilizes the previous generations of evaluation: measurement, description and judgment. It allows for value-pluralism. This approach is responsive to all stakeholders and has a different way of focusing.

Title: Study of OmpK35 and OmpK36 Expression in Carbapenem Resistant ESBL Producing Clinical Isolates of Klebsiella pneumoniae

Reem Abdel Hameed Harfoush,
Faculty of Medicine,
Alexandria University

Reem Harfoush has completed her PhD at the age of 35 years from Alexandria University as well as publications to obtain Professor Degree. She is the quality manager of "Diagnostic Medical Microbiology Lab., Faculty of Medicine, Alexandria University", that serves Alexandria Main University Hospital. She has published more than 20 papers that were cited 68 times and has been serving as a reviewer in (Alexandria Journal of Medicine)

Title: HEPATOPROTECTIVE EFFECT OF RAISINS

Uzma Imran,
Department of Biochemistry,
University of Karachi

Uzma Imran has passion to work for improving health. Her research based on protective effect of functional food for improving liver diseases. She has completed this model after years of research, teaching and administration in education institutions and laboratory as well under the supervision of Dr. Shamim A.Qureshi. This research entirely focus on functional food and open new ways for improving human health.

Title: The Purpose of Temperature of Fever**K. M. Yacob**

Marma Health Centre

A practicing physician in the field of healthcare in the state of Kerala in India for the last 30 years and very much interested in basic research. My interest is spread across the fever, inflammation and back pain. I am a writer. I already printed and published nine books in these subjects. I wrote hundreds of articles in various magazines. After scientific studies we have developed 8000 affirmative cross checking questions. It can explain all queries related with fever

Title: ZnO NPs exposure impairs cranial neural crest development by inducing excessive oxidant stress level during chick embryogenesis**Yu Yan**

Jinan University

Dr. Yan Yu got her bachelor's degree from Southern Medical University, China in 2013, got the master's degree from Jinan University, China in 2017, and now she is studying for the Ph.D. degree at basic medical school of Jinan University, China. She had already published six articles on SCI. She always aim at studying the effect of various environmental compounds on early embryos, including the nervous system and bones and now she is focusing on the effects of nanoparticles on the embryonic nervous system. She had the experiences of poster presentation and oral reports at domestic and international conferences before.

Title: Malaria-Visceral leishmaniasis co-infection and their associated factors among migrant laborers in agricultural camps of west Aramichiho district, Northwest Ethiopia.**Yibeltal Aschale,**

Debre Markos University.

Yibeltal Aschale is by now a university lecturer and researcher in Debre Markos University, Ethiopia in the Department of Medical Laboratory Science having specialization in Medical Parasitology. He has a total of Eight year experience (three clinical experience in hospital and five teaching experience in university. He has now going to seek PhD scholarship abroad.

Barcelona Attractions



Casa Milà



cathedral santa creu



CaixaForum Barcelona

Park Greul



La sagrada família



Tibidabo Hill Barcelona



Magic Fountain



Palau Nacional



Montjuïc Castle

Glimpse of Infectious Diseases 2017



Glimpse of Infectious Diseases 2017

