



15th International Conference of Medical Arthropodology

**Control of Malaria and other
Vector-borne & Zoonotic Diseases:
Challenges and opportunities in
implementation research**



12-14 December, 2022

Organized by:

**Zoology Department / Sir Ronald Ross
Institute of Parasitology, Osmania University
Hyderabad - 500 007, Telangana, INDIA**

Link for Registration: <https://forms.gle/zXWi73HYWiXUjUtL6>

CORDIAL INVITATION

Dear Colleagues,

Medical arthropodology is an incredibly exciting discipline; with the largest number of species (and individuals) under single specific group of animals, the arthropods, highlighting their public health, biomedical and biodefence significance. This dominance means that in numbers of species beyond our comprehension these animals permeate diverse and essential natural processes in Earth's terrestrial, aerial and water ecosystems, contributing to the function of the natural world as a self-sustaining biological system. Most of the arthropods are not harmful to humans and, in fact, many are highly beneficial organisms. Still, many isolated groups of spiders, scorpions, mites, ticks and, particularly, insects concern humans because of their harmful nature of causing injuries through their poisonous bites and/or stings disturbing tranquility of humans' living environment and, above all, playing a key role in the transmission of a large number of deadly and debilitating diseases.

Vector-borne diseases (VBDs) affect not only the health of the people, but also stunt their intelligent growth and sap off their economy causing enormous disease burden. These diseases are rampant mostly in tropical and subtropical countries. List of these infections is pretty long, however, as far as India is concerned, malaria, dengue, filariasis, leishmaniasis and Japanese encephalitis are considered major public health problems, although many others like scrub typhus, West Nile Fever, plague, paragonimiasis and chikungunya are serious public health problems as well. The threat of invasion by Zika virus and Yellow Fever virus is always looming large on Asian countries. These deadly and/or debilitating vector-borne diseases inflict huge mortality and morbidity. While malaria alone kills nearly one million (90% in Africa) annually, the total number of deaths and illnesses attributable to the VBDs is simply beyond one's comprehension!

Covid-19 is though still debated to be transmissible arthropodologically, yet much evidence has been regularly surfacing in recent months to support at least some role by the house flies, among others (Tyagi & Reddy Naik, 2021).

15th SOMA International Conference of Medical Arthropodology on "CONTROL OF MALARIA AND OTHER VECTOR-BORNE & ZONOTIC DISEASES: Challenges and Opportunities in Implementation Research" will hopefully provide a unique opportunity to bring all the possible knowledge at one platform for extensive deliberation and solution-finding exercise.

With kindest regards, and looking forward to having your active participation in the 15th International Conference of Medical Arthropodology, we remain,

Yours sincerely,

Prof. Dr B.K. Tyagi & Prof. Dr. B. Reddy Naik

15th International Conference of Medical Arthroplasty

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Sir Ronald Ross Institute of Parasitology (SRRIP), established in 1955, is housed in a historical building named after the world famous malariologist Sir Ronald Ross who conducted one of the most important and epoch-making discoveries in the field of malaria for which he was awarded the Nobel Prize (1902). Sir Ronald Ross's discovery is considered one of the greatest landmarks in the control of malaria and other vector-borne diseases. In 1997 the SRRIP building has been the epicenter of centenary celebrations organized in commemoration of Dr. Ross's outstanding discovery that mosquitoes are involved in the transmission of malaria (20th August, 1897), and on this occasion the historical building, built in 1895, was not only extensively renovated and refurbished but was also decorated at the entry with a bust of Sir Ronald Ross. The SRRIP is located on the periphery of Begumpet Airport and maintained by the Osmania University.

Osmania University, established in 1918, is the seventh oldest in India, the third oldest in south India and the first to be established in the erstwhile princely state of Hyderabad. Throughout its existence spanning over a century, it has shown remarkable progress and sustained an integrated development of all faculties. It has significantly contributed to the academic and economic development of not only the region but also of the country. Its alumni have distinguished themselves nationally and internationally in various spheres of life and are spread far and wide around the world. The University has a vision of developing, enhancing, and improving the quality of human resources to meet the challenges of regional, national and global socio-economic changes. Its mission is to achieve excellence in teaching and research and to create opportunities for the students to contribute to the national and regional development. Osmania University is NAAC-accredited A+ and Category-1 graded Autonomy by the University Grants Commission (UGC).

ABOUT THE CITY



Hyderabad is the capital of southern India's Telangana state. A major center for the technology industry, it is home to many upscale restaurants and shops. The most significant among them are the historical monuments, viz., Mecca Masjid, Charminar, Golconda Fort, Qutb Shahi Tombs; the palaces such as Chowmahalla Palace, Falaknuma Palace, Taramati Baradari; the religious places like Hebron House of Worship, Shahi Masjid, Ananda Buddha Vihara, Birla Mandir, Sanghi Temple, Chilkur Balaji Temple; the museums and planetariums of Salar Jung

Museum, City Museum, Birla Science Museum, Birla Planetarium; the parks and gardens, e.g., Nehru Zoological Park, Lumbini Park, Mrugavani National Park etc. Among other attractions are Ramoji Film City, Necklace road, Laad Bazaar, Shilparamam etc.

Hyderabad is known for its rich history, food and multi-lingual culture. Hyderabad cuisine is a blend of traditional South Indian, Mughalai and Persian palates and has a rich variety to choose from. The South Central Railway, India's biggest railway zone, is headquartered at Secunderabad, commonly referred as Hyderabad's twin city. Hyderabad is connected to most major cities domestically as well as internationally via the Rajiv Gandhi International Airport, located in Shamshabad, 22 km away from the city.

THRUST AREAS

1. Current scenario of disease elimination
2. Global Warming/Climate Change and the VBDs
3. Emerging and/or re-emerging VBDs
4. Advanced diagnosis and treatment of VBDs
5. RS-GIS based mapping of VBDs
6. VBD burden and eco-bio-social impact
7. Vaccines, drugs and diagnostics for VBDs
8. Toxins, venoms and allergies from arthropods
9. Genetically engineered vectors for control of VBDs
10. Arthropods in pharma industry, and as food and feed

ABSTRACT SUBMISSION

The participants are requested to send a copy of the abstract for oral/poster not exceeding 200 words through e-mail to: entmouzool@gmail.com (with a copy to: abktyagi@gmail.com) on or before 15th August, 2022. Poster should be prepared in the size of 120 cm ht × 90 cm width.

REGISTRATION

	INDIA + S. Asian Countries	Other Countries
1. Scientists / Academicians	INR ₹ 1500	US \$ 50
2. Research Scholars with Fellowship	INR ₹ 700	US \$ 25
3. Res. Sch/Students without Fellowship	INR ₹ 500	US \$ 15
4. Accomplices	INR ₹ 500	US \$ 15

NB: Mid-Conf. City Tour (incl. Transp., Lunch etc.): Please inquire.

Registration fees should be sent to the following **SOMA Bank A/C** details:

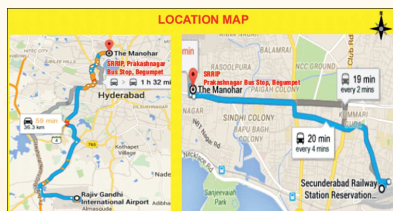
1. NAME of A/C holder : **Society of Medical Arthropodology**
2. A/C No. of Pass Book : **62508094822**
3. BANK NAME : **State Bank of India, Hyderabad**
4. BANK BRANCH : **Osmania University, Hyderabad**
5. IFS Code : **SBIN0020071**
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OR in the form of DD in favour of the **Secretary General, Society of Medical Arthropodology**, payable at Hyderabad, through any Nationalized Bank along with duly filled registration form on or before 15th August, 2022.

Scientists/Academicians and students, as full registrants, will be entitled to portfolio with conference related paraphernalia including Abstracts book, and along with accomplices, to tea, snacks, lunch and dinner during the conference.

ACCOMMODATION: Accommodation will be arranged in the hotels and guest houses/hostels on payment basis. Please enquire in advance preferably before 15th August, 2022.

HOW TO REACH SRRIP: To reach the Conference venue, the SRRIP, kindly follow instructions in diagram. →



IMPORTANT DEADLINES

- Conference Dates : **12-14 December, 2022.**
Registration : **On or before 15th August, 2022.**
Abstract submission : **Last date: 15th August, 2022.**

NB: An Abstract will be considered only after Registration and Fee are duly made already, with bank proof for the latter.

ADDRESS FOR COMMUNICATION

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