



**ST JOSEPH'S
UNIVERSITY**

BENGALURU - 560027, KARNATAKA

School of Life Sciences

**Postgraduate
Department of Zoology**

ZOOLOGIA

PRESENTS

**APPLIED ZOOLOGY
4.0**



**A talk
on**

SUSTAINABLE MALARIA VECTOR CONTROL

By

SUBAM KATHAYAT

Doctoral Researcher,

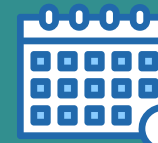
Translational Immunobiology Research Programs Unit

Department of Bacteriology and Immunology

Faculty of Medicine, University of Helsinki



: Microsoft Teams



: 04.05.2024



: 18:30 IST

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About Zoologia

Zoologia is the PG Zoology Association, School of Life Sciences, Department of Zoology, ST Joseph's University. It's aim is to provide students about information and opportunities to sharpen their knowledge in the field of Applied Sciences, animal behaviour, conservation, recent research techniques etc. It is also a platform through which students can interact with multiple researchers and scientists across the globe.

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ABOUT THE SPEAKER



Subam Kathayat is a doctoral researcher at the Faculty of Medicine, University of Helsinki. He comes with a broad experience in malaria immunobiology, vector immunology, applied entomology and experimental epidemiology. His journey into malaria research began at the Haartman Institute in Helsinki where he primarily worked on investigating mechanisms used by the malaria parasite *Plasmodium* to evade the immune system.

During his MSc studies in Molecular Medicine at the Max Planck Institute for Infection Biology in Berlin, Subam focused on investigating phagocytic proteins of the malaria vector *Anopheles* as a potential cell surface markers to characterize mosquito hemocyte population

He further went on to conduct an ethnographic study in rural Tanzania during his MA studies in Medical Anthropology.

Throughout his PhD, he conducted various epidemiological and experimental studies in East Africa aiming at evaluating novel malaria interventions to reduce malaria transmission.

At present, Subam focuses on developing and evaluating innovative malaria control methodologies. His other research interests include the exploration of potential malaria vaccine candidates and the development of transmission-blocking vaccines. When not occupied in the field or laboratory, he enjoys reading, photography, and traveling.

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