

# 1-day Symposium: Vector-borne Diseases in a Changing World

**WHEN:** September 25<sup>th</sup>, 2025

**WHERE:** Fests auditoriet, University of Copenhagen, Frederiksberg Campus, Bülowsvej 17, 1870 Frederiksberg.

**\*Note: on-site only!**

## PROGRAMME:

Time CET	Topic	Presenter
09:00 -9:30	Registration, Coffee & Croissants	
9:30	Welcome and programme introduction	Birgit Nørnung and Anna-Sofie Stensgaard, IVH, UCPH
<b>Morning Session : The Global Challenge of Vector-Borne Diseases:</b> (short presentations from international Research/Collaborations). <b>Chairs:</b> Birgitte Vennervald and Tiem van der Deure		
9:40-10:10	Key-note 1: Vector-borne Diseases in a One Health Perspective	Lawrence Mugisha, Makerere University, Uganda (video/online)
10:10	A Cross-Continent Alliance to Predict and Prepare for emerging Vectorborne Diseases : The PREPARE4VBD EU-Horizon 2020 project	Anna-Sofie Stensgaard, IVH, UCPH
10:25	Vectors on the move: modelling climate change impacts on vector-borne parasites	Tiem van der Deure, IVH, UCPH
10:40	The PreVBD project: Counting disease vectors and climate variables for epidemic forecasting	Michael Alifrangis, CMP, UCPH
10:55	Disease vectors in IDPs in Somaliland	Christian William Wang, CMP, UCPH
11:10	Mosquito-free hospitals: Co-creating disease control approaches in Zanzibar	Karin Linda Schiøler, CMP, UCPH
11:25	North-South Research Collaborations in DK – building on a long tradition.	Birgitte Vennervald, IVH, UCPH
11:40	Discussion (~20 min.): North-South Collaborations on vectors and vector-borne diseases: challenges and opportunities	All
12:00-13:00	<b>Light Lunch</b>	
<b>Afternoon session: Monitoring and Surveillance of VBDs: new tools for emerging challenges</b> <b>Chairs:</b> Mita Eva Sengupta and Anders Johannes Hansen		
13:00-13:30	Key-note 2: WNV transmission: the importance of the avian perspective	Prof. Uriel Kitron, Emory University, US
13:30	Simple Tools, Big Impact – Easy Diagnostics for Vector-Borne Diseases	Jandouwe Villinger, <i>icipe</i> , Kenya (video/online)
13:45	Keeping tabs on pathogens in ticks; molecular examples from PREPARE4VBD and ARBO-WATCH	Joost Theo Petra Verhoeven, Globe, UCPH
14:00	Leveraging environmental DNA tools for vector/mosquito surveillance	Mita Sengupta, IVH, UCPH
14:15 – 14:45	Coffee Break (30 min)	
14:45	Amplicon-Based Metabarcoding for Pathogen Detection in hosts and vectors	Ann Wairimu Kinyanjui, SSI
15:00	Potential for integrated monitoring of tick-borne diseases: Indices of tick activity, citizen science, and tick-borne Lyme neuroborreliosis infections in Denmark from 2017 to 2024	Lene Jung Kjær, AHW, UCPH
15:15	Tick density in Denmark by citizen science	Karen A. Krogfelt, PandemiX Center, RUC
15:30	Discussion: Tools needed for future challenges with VBDs ? (~20 min)	All
16:00 -	End of the Event – Bubbles and Networking	