MATHEWS
CONNECTING RESEARCH

JOINT EVENT

Global

INFECTIOUS DISEASES & ONE HEALTH CONFERENCE

Global

VACCINES INNOVATION AND IMMUNOLOGY CONFERENCE

SEPTEMBER 21-23, 2026

LONDON, UNITED KINGDOM AND ONLINE

CONFERENCE PROGRAM

IN-PERSON
Delta Hotels Heathrow Windsor
Ditton Rd, Langley, Slough SL3 8PT
London, United Kingdom

VIRTUAL
British Summer Time
(BST Time Zone)

VENUE: Delta Hotels Heathrow Windsor
Ditton Rd, Langley, Slough SL3 8PT
London, United Kingdom

Day 01- In-Person

British Summer Time (BST)

08:00-08:50	Registrations
08:50-09:00	Inaugural Session
09:00-10:20	In-person Keynote Presentations
10:20-18:15	In-person Oral Presentations

10:45-11:05 Coffee Break | **12:45-13:45** Lunch Break | **15:50-16:10** Coffee Break

Day 02- In-Person

British Summer Time (BST)

09:00-09:40	In-person Keynote Presentation
09:40-10:20	In-person Special Talk
10:20-16:40	In-person Oral Presentations
17:00-17:20	In-person Poster Presentations

10:45-11:05 Coffee Break | **12:45-13:45** Lunch Break | **16:40-17:00** Coffee Break

Day 03- Virtual

British Summer Time (BST)

08:30-09:00	AV Testing
09:00-09:40	Virtual Keynote Presentation
09:40-15:00	Virtual Oral Presentations
15:00-15:10	Virtual Poster Presentation
15:10-17:10	Virtual Keynote Presentations
17:10-19:50	Virtual Oral Presentations

Conference Timing & Participation Guidelines

- The conference follows British Summer Time (BST) for both In-person and Virtual sessions.
- When the program mentions "Local Timings," it refers to the presenter's own country time zone.
- In-person presentations will take place at Delta Hotels Heathrow Windsor, Ditton Rd, Langley, Slough SL3 8PT, London, United Kingdom, while virtual presentations will be conducted via Zoom.
- Please remain available in the conference hall or Zoom meeting throughout the day, as the program may experience minor adjustments due to technical issues or presenter changes.

In-Person

DAY 01 IN-PERSON AGENDA

MONDAY, SEPTEMBER 21
BRITISH SUMMER TIME (BST)

@BUCKINGHAM 2

Moderator: Shamma Naser Alkhanji, Dubai Health, United Arab Emirates

Chairs: Kevin Galalae, University of Victoria, Canada
Sergey Suchkov, N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences, Russian Federation

BST

08:00-08:50 **Registrations**

08:50-09:00 **Inaugural Session**

09:00-09:40 KEYNOTE In-Person

Title: Why a population stabilization law is crucial for human health

Kevin Galalae • University of Victoria • Canada

09:40-10:20 KEYNOTE In-Person

Title: The transformation of Personalized and Precision Medicine (PPM) as a unique healthcare model for infectious diseases monitoring & management

Sergey Suchkov • N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences • Russian Federation

10:20-10:45 ORAL In-Person

Title: Toxoplasmosis in immunocompetent children

Tania Hunziker • Espace Health Gesundheitszentren • Switzerland

10:45-11:05 **Group Photo & Coffee Break**

Foyer

11:05-11:30 ORAL In-Person

Title: Could we be missing chronic Q fever endocarditis? The case for targeted screening in Australian aortic valve replacement patients

Carolyn Jack • NSW Health • Australia

11:30-11:55 ORAL In-Person

Title: Dengue fever: The silent threat

Edmund Liang Chai Ong • Newcastle University Medicine Malaysia • Malaysia

11:55-12:20 ORAL In-Person

Title: Changing epidemiology of dengue fever in the United Arab Emirates following the 2024 flooding event: Evidence of emerging local transmission

Shamma Naser Alkhanji • Dubai Health • United Arab Emirates

12:20-12:45 ORAL In-Person

Title: Monkeypox preparedness in Bangladesh: Public health priorities from a national expert survey

Tanzila Rawnuck • Dhaka Dental College • Bangladesh

12:45-13:45 **Lunch Break**

Restaurant

13:45-14:10 ORAL In-Person

Title: Integrating gender in national one health systems: Lessons from district assessments and awareness raising campaign in Sierra Leone

Aminata Saccoh • Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) • Sierra Leone

14:10-14:35 ORAL In-Person

Title: SYN023 mAb cocktail for rabies prophylaxis

Eric I. Tsao • Synermore Biologics • China

14:35-15:00 ORAL In-Person

Title: One health governance and its impact on strengthening epidemic preparedness and response in Sierra Leone

Rachel Regina Sandi • African Institute of Public Health Professionals (AIPHP) • Sierra Leone

15:00-15:25 ORAL In-Person

Title: Testing one health preparedness in practice: Lessons from multi-sectoral zoonotic disease simulation exercises in Sierra Leone (Kambia Kailahun & Pujehun)

Aminata Saccoh • Deutsche Gesellschaft fuer Internationale Zusammenarbeit (GIZ) • Sierra Leone

15:25-15:50 ORAL In-Person

Title: The deadly duo: HIV and tuberculosis at a critical crossroads

Edmund Liang Chai Ong • Newcastle University Medicine Malaysia • Malaysia

In-Person

15:50-16:10 **Coffee Break**

Foyer

16:10-16:35 ORAL In-Person

Title: The impact of the one health approach in tackling antimicrobial resistance in Sierra Leone

Rachel Regina Sandi • African Institute of Public Health Professionals (AIPHP) • Sierra Leone

16:35-17:00 ORAL In-Person

Title: Broad neutralization spectrum of SYN023, a humanized anti-rabies monoclonal antibody cocktail, validated by Pseudovirus analyses

Eric I. Tsao • Synermore Biologics • China

17:00-17:25 ORAL In-Person

Title: The promise of nanotechnology in personalized & precision medicine: Nano-driven precision vaccinomics of the future

Sergey Suchkov • N.D. Zelinskii Institute for Organic Chemistry of the Russian Academy of Sciences • Russian Federation

17:25-17:50 ORAL In-Person

Title: Dengue serotype detection from wild-caught mosquitoes by RT LAMP

Tanzila Rawnuck • Dhaka Dental College • Bangladesh

17:50-18:15 ORAL In-Person

Title: One health approaches to echinococcosis control: The role of vaccines

Jun Li • The First Affiliated Hospital of Xinjiang Medical University • China

DAY 02 IN-PERSON AGENDA

TUESDAY, SEPTEMBER 22
BRITISH SUMMER TIME (BST)

@BUCKINGHAM 2

Moderator: Anupma Harshal W, Bridgify Foundation, India
Chair: Vijay Prabha, Panjab University, India

BST

09:00-09:40 KEYNOTE In-Person

Title: Exploiting *Escherichia coli*–Sperm interactions to identify sperm antigen for the development of an immunocontraceptive

Vijay Prabha • Panjab University • India

09:40-10:20 SPECIAL TALK In-Person

Title: Effect of oral HIV self-testing on repeat HIV testing among men who have sex with men in New Delhi, India: Findings from a cluster randomized trial

Sanjay Kumar Rai • AIIMS New Delhi • India

10:20-10:45 ORAL In-Person

Title: Viral proteins activating PKA as an antiviral vaccine target

Karin E. Peuschel • University of Zurich • Switzerland

10:45-11:05 Coffee Break
Foyer

11:05-11:30 ORAL In-Person

Title: Strengthening the capacity of health professionals in Côte d'Ivoire through the Field Epidemiology Training Program (FETP), one health approach, Cote d'Ivoire, 2022-2025

NINTIN Youmou Rose Josiane • AFENET Côte d'Ivoire • Côte d'Ivoire

11:30-11:55 ORAL In-Person

Title: Strengthening CCHF control through one health: Lessons from Oman

Sabria Matar Khalfan Al Marshoudi • Public Health Specialist • Oman

11:55-12:20 ORAL In-Person

Title: Vector diversion in zoonotic systems: Quantifying unintended consequences of personal protection tools for West Nile virus transmission

Emma Louise Fairbanks • University of Manchester • United Kingdom

In-Person

12:20-12:45 ORAL In-Person

Title: Pathogen-derived noncanonical epitopes: Are they valuable targets for novel vaccinations?

Michele Mishto • The Francis Crick Institute • United Kingdom

Meghna Phanichkrivalkosil • King's College London & The Francis Crick Institute • United Kingdom

12:45-13:45 **Lunch Break**

Restaurant

13:45-14:10 ORAL In-Person

Title: Frugal science and community-led pathogen surveillance

Anupma Harshal W • Bridgify Foundation • India

14:10-14:35 ORAL In-Person

Title: Restoring miR-181b enhances antitumor immunity in CLL: Implications for vaccine-based therapeutic strategies

Rosa Visone • "G. d'Annunzio" University • Italy

14:35-15:00 ORAL In-Person

Title: Spontaneous hemoperitoneum as the initial presentation of HIV infection: A case report

Kalaab Esubalew Sharew • Injibara University • Ethiopia

15:00-15:25 ORAL In-Person

Title: Antimicrobial resistance profiles and detection of MexAB-OprM efflux genes in clinical *Pseudomonas aeruginosa* isolates from Jordan

Fatima Azzahra Delmani • Jerash University • Jordan

15:25-15:50 ORAL In-Person

Title: Assessing the impact of climate change on vaccine cold chain integrity and immunization service delivery in Bushenyi district Western Uganda: A cross-sectional study

Omara Tonny • Kampala International University • Uganda

15:50-16:15 ORAL In-Person

Title: To create awareness & address misconception regarding vaccine and immunization process, by highlighting the role of vaccine in the development of immune in human

Kaleem Ullah Khan • CTC • Pakistan

In-Person

16:15-16:40 ORAL In-Person

Title: Postoperative risk factors and biomarkers-Chinese male tuberculosis damage smokers and non-smokers: A prospective study observational study protocol

Wenli Cao • Beijing Geriatric Hospital • China

16:40-17:00 Coffee Break

Foyer

17:00-17:20 POSTER PRESENTATIONS

P1 In-Person

Title: One health and dengue prevention and control: A scoping review of one health concepts, implementation outcomes, facilitators and barriers

Sabria Matar Khalfan Al Marshoudi • Public Health Specialist • Oman

P2 In-Person

Title: Enzyme-free electrochemical strategy for mRNA vaccine detection

Jinlong Li • The Second Hospital of Nanjing • China

P3 In-Person

Title: How does COVID-19 disrupt immune homeostasis and its association with multiple system diseases?

Gang Liu • Gansu Provincial Center for Disease Control and Prevention • China

P4 In-Person

Title: Influenza mRNA vaccine with engineered panhandle-forming UTRs provides potent protection against seasonal influenza viruses

Junwei Li • The Second Hospital of Nanjing • China

P5 In-Person

Title: Genotypic tracking of measles in Italy: Leveraging molecular surveillance to establish imported vs. indigenous strains

Fabio Magurano • Istituto Superiore di Sanita • Italy

P6 In-Person

Title: Immunological interpretation of infectious bronchitis virus detection in vaccinated broiler flocks: Distinguishing vaccine virus replication from early field challenge

Ahmed Maher Helal • Central Laboratory for Evaluation of Veterinary Biologics (CLEVB) • Egypt

DAY 03 VIRTUAL AGENDA

WEDNESDAY, SEPTEMBER 23
BRITISH SUMMER TIME (BST)

@ZOOM

Moderators:
Pooja Bagdi, Trinity Educational Institute, India
Saloua Kouass Sahbani, Taibah University, Saudi Arabia

BST	Speaker's Local Time	
08:30-09:00		**AV TESTING**
09:00-09:40	11:00-11:40	KEYNOTE Virtual **Title: Classical examples of the concept of the ASIA syndrome; CPI, SBI and vaccines** **Yehuda Shoenfeld** • Reichman Universityy • Israel
09:40-10:00	18:40-19:00	ORAL Virtual **Title: Sustainable models of care – People and planet** **Renae McBrien** • Queensland Children's Hospital • Australia
10:00-10:20	17:00-17:20	ORAL Virtual **Title: A smartphone-assisted electrochemical biosensor platform for rapid nucleic acid detection of Influenza A** **Jianghong Wu** • Shenzhen Technology University • China
10:20-10:40	17:20-17:40	ORAL Virtual **Title: Structural pharmacology of anthelmintics: Starting with monepantel and betaine** **Qingfeng Chen** • Yunnan University • China
10:40-11:00	17:40-18:00	ORAL Virtual **Title: Do COVID-19 vaccines trigger autoimmunity? Proteome-wide longitudinal evidence from a Malaysian heterologous vaccination cohort** **Aini Syahida Mat Yassim** • Universiti Sains Malaysia • Malaysia
11:00-11:20	11:00-11:20	ORAL Virtual **Title: Autoimmunity after COVID-19: Mechanism, clinical evidence and emerging directions** **John Bolodeoku** • JB Consulting MDP Ltd & Centre of Pharmaceutical Medicine Research, King's College • United Kingdom

ORAL Virtual

11:20-11:40 15:50-16:10

Title: Artificial intelligence in combating antimicrobial resistance: Transforming detection, surveillance, and precision therapy

Pooja Bagdi • Trinity Educational Institute • India

ORAL Virtual

11:40-12:00 16:10-16:30

Title: AI-driven recommendation systems for healthcare and infectious disease management

J. Somasekar • Jain University • India

ORAL Virtual

12:00-12:20 14:00-14:20

Title: Characterization of isolated strains of microorganisms from mineral, mountain and spring waters from France, Italy, England, South Korea, Japan, Netherlands, Austria, Spain, Singapore, Germany, Switzerland, Greece, Turkey, Dubai and Bulgaria

Nedyalka Naneva Valcheva • Teacher at Vocational High School “Prof. Dr. Asen Zlatarov” • Bulgaria

ORAL Virtual

12:20-12:40 14:20-14:40

Title: Literature review on utilization of biological controls to reduce synthetic pesticide usage in tea growers nurseries in Kenya

Evelyn Cheramgoi Rugutt • Kenya Sugar Research and Training Institute • Kenya

ORAL Virtual

12:40-13:00 14:40-15:00

Title: Immune Memory based Classification of Human Herd [IMCHH]

Ibrahim Mohamed Saeed SHNAWA • AL-Qasim Green University • Iraq

ORAL Virtual

13:00-13:20 13:00-13:20

Title: Vaccine acceptance and health seeking behaviour the way forward

Faruk Namalam • Solina Center for International Development and Research • Nigeria

ORAL Virtual

13:20-13:40 17:50-18:10

Title: One health approach to green nanomedicine: Eco-friendly synthesis of *Spinacia oleracea*-mediated silver nanoparticles for potential management of rheumatoid arthritis

Bagyalakshmi Janardhanan • Sri Ramakrishna Institute of Paramedical Sciences • India

Virtual

ORAL Virtual

13:40-14:00 18:10-18:30

Title: TB control programme in India - Yesterday – Today & Tomorrow

Pappu Satyanarayana Sarma • KIMS • India

ORAL Virtual

14:00-14:20 16:00-16:20

Title: Hydrogel nanocomposites for enhancing healthcare

Rukiye Öztekin • Dokuz Eylül University • Turkiye

ORAL Virtual

14:20-14:40 16:20-16:40

Title: Natural radiomodulation by *Opuntia ficus-indica* cladode extract: Protection against oxidative and clustered DNA damage while enhancing radiosensitivity

Saloua Kouass Sahbani • Taibah University • Saudi Arabia

ORAL Virtual

14:40-15:00 19:10-19:30

Title: Precision oncology in practice: Evaluating drug utilization patterns and therapeutic approaches in breast cancer care

Nilay Solanki • Charotar University of Science and Technology • India

POSTER Virtual

15:00-15:10 20:00-20:10

Title: Assessing the burden of malnutrition and infectious diseases pattern among forcibly displaced Myanmar children in Bangladesh: A public health concern

Ayesha Begum • Chattogram Veterinary and Animal Sciences University • Bangladesh

KEYNOTE Virtual

15:10-15:50 10:10-10:50

Title: Eliminating implant infection: 45,000 patients and still counting

Thomas J. Webster • Brown University • United States

KEYNOTE Virtual

15:50-16:30 10:50-11:30

Title: Molecular crosstalk between the pathogen and host in Group A streptococcal infections

Francis J. Castellino • University of Notre Dame • United States

KEYNOTE Virtual

16:30-17:10 17:30-18:10

Title: Enabling knowledge-driven communication and cooperation in intelligent and ethical transformed health ecosystems

Bernd Blobel • University of Regensburg • Germany

ORAL Virtual

17:10-17:30 09:10-09:30

Title: Bacterial resistance and susceptibility profile for the rational use of antimicrobials in a secondary care hospital 2025. Tepic, Nayarit, México

Jose Agustin Carrillo Rodriguez • Epidemiólogo del Hospital General de Zona 1 IMSS • Mexico

ORAL Virtual

17:30-17:50 22:00-22:20

Title: Isolation of bacterial agents causing LRTI in HIV positive patients and their susceptibility pattern at a tertiary centre in India

Sonal Gupta • MBBS, MD Microbiology • India

ORAL Virtual

17:50-18:10 18:50-19:10

Title: Modular protein nanorings for next-generation immunoengineering

Salvador Ventura • Universitat Autònoma de Barcelona • Spain

ORAL Virtual

18:10-18:30 18:10-18:30

Title: Physiological compensation in pregnancy: A case of severe sepsis undetected by MEWS

Amy Breslin • UK Sepsis Trust • United Kingdom

ORAL Virtual

18:30-18:50 20:30-20:50

Title: Yasser's COVID-19 discrepancy phenomenon; A novel phenomenon and effective regimen; Retrospective-observational study-A case report

Yasser Mohammed Hassanain Elsayed • Egyptian Ministry of Health • Egypt

ORAL Virtual

18:50-19:10 13:50-14:10

Title: Subunit nasal vaccines: Overcoming barriers to innovation

Gerardo Guillen • Center for Genetic Engineering and Biotechnology • Cuba

ORAL Virtual

19:10-19:30 22:10-22:30

Title: Zeroing in on NICU infections: Quality improvement strategies for safer neonatal care

Monika Kaushal • Emirates Specialty Hospital • United Arab Emirates

ORAL Virtual

19:30-19:50 19:30-19:50

Title: A silent infiltrator: A typical fungal spondylodiscitis in a patient with multiple sclerosis on immunotherapy

Rayan Saeed Mahmoud • North Tees University Hospital Trust • United Kingdom

Thank You for Being a Part of GIOH 2026 & GVX Immunology 2026

We extend our sincere appreciation to all speakers, participants, and partners who contributed to making this conference a success. Your active participation and dedication to advancing research and knowledge in the field is truly inspiring.

"Together, we foster innovation, collaboration, and knowledge exchange to advance disease prevention, immunization, patient care, and global health."

– Organizing Committee
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Interested in participating as a speaker or listener?

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