

**Joint Event**

**7<sup>th</sup> Edition of World Congress on**

# **Infectious Diseases &**

**4<sup>th</sup> Edition of**

# **International Vaccines Congress**

**October 24-26, 2024**  
**Baltimore, MD, USA**



**IN-PERSON:**

Best Western Plus Hotel & Conference Center  
5625 O'Donnell Street Baltimore, MD 21224  
Baltimore, Maryland, USA



**VIRTUAL:**

Central European Summer  
Time(CEST)

## DAY 01

Thursday, October 24  
(In-Person)

08:00-08:50	Registrations
08:50-09:00	Opening Ceremony and Introduction
09:00-10:20	In-person Keynote Presentations
10:50-18:20	In-person Oral Presentations

## DAY 02

Friday, October 25  
(In-Person)

08:50-09:00	Opening Remarks
09:00-10:20	In-person Keynote Presentations
10:50-15:30	In-person Oral Presentations
15:30-16:10	In-person Poster Presentations

## DAY 03

Saturday, October 26  
(Virtual)

08:30-09:00	AV Check
09:00-11:00; 13:20-14:40; 17:30-22:10	Virtual Keynote Presentations
11:00-13:20; 15:30-19:30	Virtual Oral Presentations
14:40-15:30	Virtual Poster Presentations

 IN-PERSON  
 VIRTUAL

### Day 01 Break Timings (In-Person)

10:20-10:50 Coffee Break  
12:50-14:10 Lunch Break  
16:10-16:40 Coffee Break

### Day 02 Break Timings (In-Person)

10:20-10:50 Coffee Break  
12:50-14:10 Lunch Break  
15:30-16:00 Coffee Break

## Important Note

- The conference follows for Eastern Time(ET) for In-Person sessions and Central European Summer Time(CEST) for Virtual session.
- When the program refers to Local Timings, it means that the timing mentioned is based on the time zone of the presenter's country
- In-person presentations will take place in the ChesaPeake III @Best Western Plus Hotel & Conference Center and Virtual presentations will take place in Zoom meetings
- Please remain accessible in the hall or on Zoom throughout the day as there could be minor program adjustments due to technical issues or presenter no-shows

### KEYNOTE PRESENTATIONS

Eastern Time(ET)

@CHESAPEAKE III

08:00–08:50 | Registrations

**Moderator:**

08:50–09:00 | Opening Ceremony and Introduction

Alaa Abdelmageed Ahmed, University of Rochester School of Medicine and Dentistry, USA

09:00–09:40

In-Person

**Francis J. Castellino**  
University of Notre Dame, USA

Title: The mechanisms of innate immune responses in Streptococcus pyogenes pathogenicity

09:40–10:20

In-Person

**Albert J Eid**  
University of Kansas Medical Center,  
USA

Title: Reducing the dose of Mycophenolate in solid organ transplant recipients diagnosed with SARS-CoV-2 infection increases the risk of severe COVID-19

Group Photo

10:20–10:50 | Coffee Break @Foyer

### ORAL PRESENTATIONS

**Chair:**

Francis J. Castellino, University of Notre Dame, USA

10:50–11:10

In-Person

**Jamie Platt**  
Pictor Inc., USA

Title: Next-generation proteomics for increased access to infectious disease testing for both human and animal health

11:10–11:30

In-Person

**Alaa Abdelmageed Ahmed**  
University of Rochester School of  
Medicine and Dentistry, USA

Title: On a road to enhance VSV as an oncolytic agent: Deciphering the underlying mechanisms of resistance by some cancer cells

11:30–11:50

In-Person

**Kadesh Daniels**  
Medical College of Georgia, USA

Title: Blind spot: A case of ocular syphilis in a patient with HIV

11:50–12:10

In-Person

**Rosemeire Cristina Linhari  
Rodrigues Pietro**  
São Paulo State University–UNESP,  
Brazil

Title: Coffee industry by-products extracts: Evaluation of the repellent effect against the R (B.) microplus tick

Eastern Time(ET)

12:10–12:30 In-Person

**Sina Hedayatpour**

Methodist Dallas Medical Center, USA

Title: Wohlfahrtimonas chitiniclastica bacteremia: A rare case of a male with maggot-infested lower extremity wounds

12:30–12:50 In-Person

**Prachi Bhanvadia**

Ascension St Agnes Hospital, USA

Title: Rare case of Clostridium cadaveris in an immunocompromised patient with metastatic rectal adenocarcinoma

12:50–14:10 | Lunch @Chesapeake I

14:10–14:30 In-Person

**Priscilla Itua**

Atlantcare Regional Medical Center, USA

Title: Unilateral endophthalmitis caused by Streptococcus pneumoniae

14:30–14:50 In-Person

**Mazen Hasan**

Garden City Hospital, USA

Title: Hyperlactatemia in septic shock, unmasking the false notion; An intriguing case report

14:50–15:10 In-Person

**Mazen Hasan**

Garden City Hospital, USA

Title: Psoas abscess due to group B Streptococcus presenting as diabetic ketoacidosis

15:10–15:30 In-Person

**Christof Peter Ziaja**

Prof Stark Institute of Stress and Fatigue Diagnostic, Research and Intervention, Guest Scientist UKE Neuroradiology LAB, Germany

Title: Structural deformations in the superior tubular of the hypothalamus and their impact of autoimmune antibody production: A study of long COVID patients

15:30–15:50 In-Person

**Shikha**

GNA University, India

Title: To study the bacteriological episodes of urinary tract infection in different age group with relation to gender

15:50–16:10 In-Person

**Sabiha Imran**

Manav Rachna International Institute of Research & Studies, India

Title: BacLI: A potential antibacterial agent against hospital-acquired lung infection

16:10–16:40 | Coffee Break @Foyer

16:40–17:00 In-Person

**Zandiswa M Gulube**

University of Witwatersrand, South Africa

Title: Anti-Streptococcus mutans, anti-adherence and anti-acidogenic activity of uvaria chamae P beauv

17:00–17:20 In-Person

**Ala Omer Abdelaziz Mohamed**

Al Neelain University, Sudan

Title: Prevalence and molecular detection of West Nile Virus (WNV) among renal transplant patients in Khartoum state, Sudan

17:20–17:40

In-Person

**Umer Bin Abdul Aziz**

Institute of Pharmacy, Freie  
Universität Berlin, Germany

Title: Pathoblockers: A novel anti-virulence approach to combat bacterial infections by targeting cholesterol-dependent cytolysins

17:40–18:00

In-Person

**Godspeed Onuoha**

Caring Hands Foundation NFP,  
Nigeria

Title: Assessment of biomedical waste management practices in hospitals in Nigeria

18:00–18:20

In-Person

**Baihetinisha Tuerdi**

The First Affiliated Hospital of Xinjiang  
Medical University, China

Title: Genome-wide identification and functional analysis of dysregulated alternative splicing profiles in sepsis

### KEYNOTE PRESENTATIONS

Eastern Time(ET)

@CHESAPEAKE III

08:50–09:00 | Opening Remarks

**Moderator:**  
Patrycja Dolibog, Medical University of Silesia, Poland

09:00–09:40 In-Person

**Ping Xie**  
Rutgers University, United States

Title: Novel regulatory mechanisms of innate immunity and inflammation

09:40–10:20 In-Person

**Agostino Riva**  
University of Milan, Italy

Title: Neutralizing antibodies response to SARS-CoV-2 XBB1.5 mRNA vaccine in nephrology patients on dialysis against different viral variants

10:20–10:50 | Coffee Break @Foyer

### ORAL PRESENTATIONS

**Chair:**

Ping Xie, Rutgers University, USA

10:50–11:10 In-Person

**Patrycja Dolibog**  
Medical University of Silesia, Poland

Title: The influence of physical factors on recombinant human Serum albumin

11:10–11:30 In-Person

**Lindsay Parish**  
Biomedical Advanced Research and Development Authority(BARDA), United States

Title: Current investments and future directions of biomedical advanced research and development authority's CBRN vaccines portfolio

11:30–11:50 In-Person

**Samson Gebremedhin Gebreselassie**  
Addis Ababa University, Ethiopia

Title: The Ethiopian vaccine supply chain and logistics system's performance after the last mile delivery initiative: Phenomenological study

11:50–12:10 In-Person

**Madhu Khanna**  
VP Chest Institute, University of Delhi, India

Title: Development of a polyepitope-based immunogen for inducing cellular immunity against all dengue virus serotypes

12:10–12:30

In-Person

**Yi Liu**

Shanghai Cell Therapy Group  
Pharmaceutical Technology Inc, China

Title: Development of nanobody–armored DC vaccine (BaizeDC) and its preliminary exploration in preventing solid tumor recurrence

12:30–12:50

In-Person

**Gashaw Andargie**

Project HOPE–The People to People  
Health Foundation, Ethiopia

Title: In–depth reasons for the high proportion of zero–dose children in underserved populations of Ethiopia: Results from a qualitative study

12:50–14:10 | Lunch @Chesapeake I

14:10–14:30

In-Person

**Gisele Kaningini Furaha**

National Institute of Biomedical  
Research (INRB), Democratic  
Republic of Congo

Title: Enhancing vaccine supply chains

14:30–14:50

In-Person

**Fisseha Shiferie**

Project HOPE Ethiopia Country Office,  
Ethiopia

Title: Decomposition analysis of socioeconomic inequalities in vaccination dropout in remote and underserved settings of Ethiopia

14:50–15:10

In-Person

**Fisseha Shiferie**

Project HOPE Ethiopia Country Office,  
Ethiopia

Title: Spatial distribution of zero–dose children in Ethiopia: Evidence for a targeted intervention from a large–scale evaluation survey

15:10–15:30

In-Person

**Ghazala Rubi**

Lahore General Hospital/Post  
Graduate Medical Institute Lahore,  
Pakistan

Title: COVID–19 waves with associated variants & scenario in Pakistan

15:30–16:00 | Coffee Break @Foyer

## (15:30-16:10) POSTER PRESENTATIONS (STARTS SIMULTANEOUSLY WITH EVENING COFFEE BREAK)

P1

In-Person

**Mehwish Zeb**

Garden City Hospital, USA

Title: Right thalamic abscess in a Caucasian man with rheumatoid arthritis, an intriguing case report

P2

In-Person

**Hemant Garg**

Bioinformatics Institute, Agency for  
Science Technology and Research  
(A\*Star), USA

Title: Evolutionary trends and positive selection sites in major SARS–CoV–2 variants

P3	In-Person	<b>Qingxiang Liu</b> IntegerBio Inc., USA	Title: Synthetic interferon exhibits potent antiviral activity across both DNA and RNA viruses with reduced pro-inflammatory gene induction
P4	In-Person	<b>Hussain Muhammad</b> Mayo Clinic, Florida, USA	Title: Disseminated histoplasmosis in post-transplant patient: A bone marrow biopsy diagnosis
P5	In-Person	<b>Jocelyn Jakubik</b> Meso Scale Diagnostics, USA	Title: Multiplexed serology assays for detection of IgG antibodies against Mpox and vaccinia viruses
P6	In-Person	<b>Jocelyn Jakubik</b> Meso Scale Diagnostics, USA	Title: A novel multiplex serology assay to evaluate immune response to RSV, SARS CoV-2 and influenza
P7	In-Person	<b>Sunit Mathur</b> Fortis Escorts Hospital, Jaipur, Rajasthan, India	Title: Incidence of influenza A in COVID-19 patients admitted during COVID-19 global pandemic in a multispecialty hospital in Rajasthan, India
P8	In-Person	<b>Sunit Mathur</b> Fortis Escorts Hospital, Jaipur, Rajasthan, India	Title: Profile of patient with acute viral hepatitis: An 8-year observational study from a tertiary care centre
P9	In-Person	<b>Asmamaw Moges Bihonegn</b> Department of Public Health, Bahir Dar City Administrative Health Department, Ethiopia	Title: Comprehensive analysis of immunization program efficacy in Bahir Dar city: A six-month retrospective study
P10	In-Person	<b>Nzolameso Makaya Jennifer</b> Kimbanseke Pierre Fokom General Reference Hospital, Congo, The Democratic Republic Of The	Title: Management of arterial hypertension and diabetes in elderly people as well as COVID-19 prevention



### KEYNOTE PRESENTATIONS

CEST

Local Timings

@VIRTUAL

08:50–09:00 | AV Check

**Moderator:**  
Anant Marathe, Parul Institute of Medical Sciences and Research, Parul University, India

09:00–09:40

12:30–13:10

**Vijay Prabha**  
Panjab University, India

Title: Studies on microbial infections associated with azoospermia in male mouse model and multifaceted insights into the potential mechanisms of spermatogenic failure

09:40–10:20

13:10–13:50

**Sudhakar Bangera**  
Clinical Research Services, AILEEN, India

Title: Human challenge clinical trial of vaccines for infectious diseases – A necessary evil

10:20–11:00

16:20–17:00

**WenQing Yang**  
ClinBridge Biotech Inc Ltd, China

Title: Feuling drug research and development process with patient-centric and clinically relevant animal models

### ORAL PRESENTATIONS

11:00–11:20

17:00–17:20

**Xue Bai**  
Institute of Special Animals and Plants, Chinese Academy of Agricultural Sciences, China

Title: Two residues in VP2 contribute to the enhanced replication and pathogenicity of raccoon dog parvovirus

11:20–11:40

17:20–17:40

**Hua Luo**  
MICU of Peking University Shenzhen Hospital, China

Title: Experience and advice from single medical center: What we have learned from COVID-19 to unexplained serious Pneumonia?

11:40–12:00

17:40–18:00

**Wei-Jia Li**  
Peking University Shenzhen Hospital, China

Title: Metagenomic next-generation sequencing for diagnosing severe leptospirosis in a patient suspected COVID-19: A case report

12:00–12:20

15:30–15:50

**Sunita Girish**  
Dr.D.Y.Patil Medical College, and Research Center, India

Title: Comorbidities in COVID-19 patients: Are these associated with vitamin D deficiency and SARS-CoV-2 infection grade?

12:20–12:40 15:50–16:10

**Rajib Deb**

ICAR–National Research Centre on Pig, India

Title: Development and characterization of a virus–like particle–based subunit vaccine candidate against Indian isolate of Porcine Circovirus 2d

12:40–13:00 16:10–16:30

**Bhoj Raj Singh**

ICAR–Indian Veterinary Research Institute, India

Title: Limits of vaccine quality control in India: Possible solutions

13:00–13:20 16:30–16:50

**Anant Marathe**

Parul Institute of Medical Sciences and Research, Parul University, India

Title: Exploring association between host factors and different virulence factors of Enterococcus spp. with treatment outcome in Enterococcal BSI. (causing Blood stream infections)

## KEYNOTE PRESENTATIONS

13:20–14:00 13:20–14:00

**Vincenzo Alfano**

University of Napoli “Parthenope”, Italy

Title: Your vaccine attitude determines your altitude. What are the determinants of attitudes toward vaccination?

14:00–14:40 13:00–13:40

**Lee Susanne**

Leegionella Ltd, United Kingdom

Title: Are you doing enough to protect high risk patients from waterborne infections?

## POSTER PRESENTATIONS

14:40–14:50 20:40–20:50

**Xinxin Wang**

Peking University Shenzhen Hospital, China

Title: Pulmonary vascular endothelial injury and acute pulmonary hypertension caused by COVID–19: The fundamental cause of refractory hypoxemia?

14:50–15:00 18:20–18:30

**Anant Marathe**

Parul Institute of Medical Sciences and Research, Parul University, India

Title: Phenotypic changes in Salmonella Typhi

15:00–15:10 09:00–09:10

**Katherine Sommers**

Wake Forest University School of Medicine, USA

Title: Reactivated disseminated tuberculosis in pregnancy despite repeated negative AFB testing

15:10–15:20 08:10–08:20

**Shivani Aluru**

University of Illinois College of Medicine–Peoria, USA

Title: Miliary histoplasmosis in a recently transplanted patient

15:20–15:30 15:20–15:30

**Harald Helling**

University Hospital Northern Norway, Norway

Title: A comprehensive intervention for TB–HIV co–infected patients in Francistown, Botswana: Integrating geriatric principles into infectious disease care

## ORAL PRESENTATIONS

15:30–15:50

19:00–19:20

**Riti Sanghvi**

Grant Government Medical College,  
India

Title: Gram-negative sepsis by multidrug-resistant *Hafnia Alvei* in a 76-Year-old man with multiple sclerosis and neurogenic bladder

15:50–16:10

19:20–19:50

**Ishwerpreet Kaur Jawanda**

Panjab University, Chandigarh, India

Title: Identifying key proteins associated with infertility induced by sperm immobilizing *Staphylococcus aureus* in murine vaginal lavage fluid

16:10–16:30

15:10–15:30

**Majda Bouraddane**

Cadi Ayyad University, Morocco

Title: Parvovirus B19 infection and auto-immunity diseases

16:30–16:50

15:30–15:50

**Dalinda Eusébio**

CICS-UBI – Health Sciences Research  
Centre, University of Beira Interior,  
Covilha, Portugal

Title: Targeted delivery of a minicircle DNA vaccine against COVID-19 to antigen-presenting cells using mannosylated polyethylenimine-cholesterol-based nanoparticles

16:50–17:10

15:50–16:10

**Amr Mousa**

East Lancashire Hospitals NHS  
Foundation Trust, United Kingdom

Title: A rare case of urogenital schistosomiasis in an African asylum seeker: Diagnostic and management challenges

17:10–17:30

16:10–16:30

**Augusta Mmuoegbulam**

University of Calabar, Nigeria

Title: Microbiological and phytochemical analysis of *Curcuma longa*, and evaluation of the antibacterial activity of the phytochemical components

17:30–17:50

10:30–10:50

**Carly Contri**

American Academy of Pediatrics, USA

Title: Leveraging power BI to assess community immunization efforts

17:50–18:10

11:50–12:10

**Chitra Upadhyay**

Icahn School of Medicine at Mount  
Sinai, USA

Title: Distinct mechanisms regulate the exposure of broadly neutralizing antibody epitopes on HIV-1 particles

18:10–18:30

09:10–09:30

**Megha Mummalaneni**

University of Nevada, USA

Title: Using google trends to gain insight into COVID-19 hesitancy distribution in the United States

18:30–18:50

09:30–09:50

**David Craig Wright**

D4 Labs, LLC, USA

Title: Immunogenicity and efficacy of a subcutaneously administered, adjuvanted vaccine containing modified S1 spike protein of SARS-CoV-2 variant C.1.2

18:50–19:10

09:50–10:10

**David Craig Wright**

D4 Labs, LLC, USA

Title: Preparation of SubATVax™ adjuvanted vaccines against inactivated poliovirus, diphtheria toxoid, tetanus toxoid, acellular pertussis, *Neisseria meningitidis*, *Streptococcus pneumoniae*, and *Haemophilus influenzae* polysaccharide conjugates for subcutaneous administration

19:10–19:30 10:10–10:30

**David Craig Wright**  
D4 Labs, LLC, USA

Title: Preparation, characterization, and stability of subatvax™ adjuvanted commercial veterinary vaccines using six commercial vaccines, including rabies, leptospirosis and an encephalomyelitis combination vaccine for subcutaneous administration

19:30–19:50 20:30–20:50

**Erez Shmueli**  
Tel-Aviv University, Israel

Title: Higher sensitivity monitoring of reactions to vaccination using smartwatches

## KEYNOTE PRESENTATIONS

19:50–20:30 11:50–12:30

**Ranjan Ramasamy**  
ID-Fish Technology, USA

Title: Analysis of some societal factors constraining COVID-19, dengue, malaria and tick-borne borreliosis control

20:30–21:10 14:30–15:10

**Regina Au**  
BioMarketing Insight, USA

Title: Why antimicrobial resistance is a global threat and its impact on everyone

21:10–21:50 15:10–15:50

**Yongqing Li**  
University of Michigan Medical School, USA

Title: HDAC6 inhibition and CitH3-mab: Advancements in sepsis treatment


21:50–22:30 15:50–16:30

**Thomas J. Webster**  
Interstellar Therapeutics, USA

Title: Nanomedicine for the prevention, diagnosis and treatment of infectious diseases

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*We wish to meet you again at our  
upcoming events*

9<sup>th</sup> Edition of World Congress on

**Infectious Disease**

October 23-25 | Orlando, Florida, USA | Hybrid Event

<https://infectious-diseases-conferences.magnusgroup.org/>

5<sup>th</sup> Edition of

**International Vaccines Congress**

October 23-25 | Orlando, Florida, USA | Hybrid Event

<https://vaccinescongress.com/>

**Questions? Contact**

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