

3<sup>rd</sup> Virtual Conference on  
**Malaria  
Immunology  
& Elimination**

Tuesday, May 03, 2022  
Eastern Time (US & Canada)

**CHAIRS**



**Katie Ewer**  
University of Oxford  
United Kingdom



**Gregoire Lauvau**  
Albert Einstein College of Medicine  
NY, USA

Journals Supporting



***pathogens***  
an Open Access Journal by MDPI



***immuno***  
an Open Access Journal by MDPI



***parasitologia***  
an Open Access Journal by MDPI

## Journals Supporting



# pathogens

IMPACT  
FACTOR  
3.492

Indexed in:  
PubMed

an Open Access Journal by MDPI

### Editor-in-Chief:

Prof. Dr. Lawrence S. Young

### Journal Information

*Pathogens* is an international, peer-reviewed, open access journal that publishes original research articles, review articles, communications on all aspects of pathogens and pathogen-host interactions.

ISSN 2076-0817

► @Pathogens\_MDPI

► [mdpi.com/journal/pathogens](https://mdpi.com/journal/pathogens)

**38** days

Median Publication  
Time

**17.3** days

Submission to First  
Decision

**2.9** days

Acceptance to  
Publication

**Q2**

(Microbiology)  
JCR Ranking



# immuno

an Open Access Journal by MDPI

### Editor-in-Chief:

Prof. Dr. Toshihiko Torigoe

### Journal Information

*Immuno* is an international, peer-reviewed, scientific open access journal that provides an advanced forum for studies related to basic and clinical immunology research.

ISSN 2673-5601

► @ImmunoMdpi

► [mdpi.com/journal/immuno](https://mdpi.com/journal/immuno)

**42** days

Median Publication  
Time

**19.5** days

Submission to First  
Decision

**4.7** days

Acceptance to  
Publication



# parasitologia

an Open Access Journal by MDPI

### Editor-in-Chief:

Prof. Dr. Geoff Hide

### Journal Information

*Parasitologia* is an international, peer-reviewed, open access journal on parasitology published quarterly by MDPI. *Parasitologia* is a companion journal of *Pathogens*.

ISSN 2673-6772

► @ParasitologiaM

► [mdpi.com/journal/parasitologia](https://mdpi.com/journal/parasitologia)

**51** days

Median Publication  
Time

**31.4** days

Submission to First  
Decision

**3.9** days

Acceptance to  
Publication

**Note:** All the conference participants will receive a 200 CHF 'Pathogens' journal article processing charge (APC) voucher and it will be valid until the end of 2022.

**Chair: Katie Ewer**, University of Oxford, United Kingdom

- 08:00 – 08:10 Welcome & Introduction to **MIE-2022**
- 08:10 - 08:35 **R21: Progress towards a Highly Effective Malaria Vaccine**  
**Katie Ewer**, University of Oxford, United Kingdom
- 08:35 - 08:40 Q&A
- 08:40 - 09:00 **Blood-stage Malaria Vaccine Development: The Impact of Vaccine Platform and Timing of Booster Dosing**  
**Carolyn Nielsen**, University of Oxford, United Kingdom
- 09:00 - 09:05 Q&A
- 09:05 - 09:30 **Clot-associated Events in the Brain Vasculature Contribute to Gliosis in Hyper-inflammatory Cerebral Malaria**  
**Robin Stephens**, University of Texas Medical Branch, TX, USA
- 09:30 - 09:35 Q&A
- 09:35 - 09:55 **Effector and Memory T cells Promoted by Chronic Mouse Cytomegalovirus (MCMV) Vaccination Prolong Malaria Immunity**  
**Komi Gbedande**, University of Texas Medical Branch, TX, USA
- 09:55 - 10:00 Q&A
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- 10:00 - 10:10 Discussions**
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- 10:10 - 10:20 Break**
- 10:20 - 10:45 **Plasmodium Parasites: Control of Host Immune Responses by a Conserved Immune Modulator Therapeutic Approaches**  
**Alvaro Baeza Garcia**, National Institute of health and medical Research (INSERM), France
- 10:45 - 10:50 Q&A
- 10:50 - 11:10 **Evolution and Specificity of the Human T Follicular Helper Cell Response to *P. falciparum* Circumsporozoite Protein**  
**Ilka Wahl**, German Cancer Research Center, Germany
- 11:10 - 11:15 Q&A
- 11:15 - 11:35 **Interconnected Glymphatic-Lymphatic Drainage Routes Resolve Cerebral Oedema During Recovery from Experimental Cerebral Malaria**  
**Mike Haley**, The University of Manchester, United Kingdom
- 11:35 - 11:40 Q&A
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- 11:40 - 11:50 Discussions**
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- 11:50 - 12:00 Break**



**Chair: Gregoire Lauvau**, Albert Einstein College of Medicine, NY, USA

- 12:00 - 12:25 **Immunity to Pre-erythrocytic Stages of Malaria and Development of Second-Generation Vaccines**  
**Fidel P. Zavala**, John Hopkins University, MD, USA
- 12:25 - 12:30 Q&A
- 12:30 - 12:55 ***P. falciparum* CSP encoding mRNA-Lipid Nanoparticles Protect Mice against Rodent Malaria Transgenic Challenge**  
**Evelina Angov**, Walter Reed Army Institute of Research, MD, USA
- 12:55 - 13:00 Q&A
- 13:00 - 13:25 **Targeting Innate Immunity to Induce Protective Immune Responses to Blood Stage Malaria**  
**Mary Stevenson**, McGill University, Canada
- 13:25 - 13:30 Q&A
- 13:30 - 13:55 **Interactions between Vaccine-induced and Infection-induced Humoral Immunity Depends on *Plasmodium falciparum* Antigens in Humans**  
**Kazutoyo Miura**, NIAID/NIH, MD, USA
- 13:55 - 14:00 Q&A
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- 14:00 - 14:10 Discussions**
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- 14:10 - 14:20 Break**
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- 14:20 - 14:45 **A Potential Role for Cytolytic Memory CD4+ T cells in Protection against *Plasmodium falciparum* Malaria**  
**Gregoire Lauvau**, Albert Einstein College of Medicine, NY, USA
- 14:45 - 14:50 Q&A
- 14:50 - 15:15 **Isolation and Characterization of Broadly Reactive Antibodies against the PfEMP1 CIDR $\alpha$ 1 Domains that are Associated with Severe Malaria**  
**Evelien M. Bunnik**, University of Texas, TX, USA
- 15:15 - 15:20 Q&A
- 15:20 - 15:45 **Structural Insights into CSP/mAb Interactions**  
**Marie Pancera**, Fred Hutchinson Cancer Research Center, WA, USA
- 15:45 - 15:50 Q&A
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- 15:50 - 16:00 Discussions**
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- 16:00 - 16:10 Concluding Remarks**