



**MALARIA  
FREE  
ITALY**

Scientific Meeting online, **19 November 2020, h 14:00 – 16:30**

Location: **Istituto Superiore di Sanità (Aula Pocchiar)** Rome, Italy

Language: **English**

Format: **webinar**

Web platform: **STARLEAF**

Title: **“BREAKTHROUGHS IN KNOWLEDGE OF *PLASMODIUM VIVAX* MALARIA: IS *VIVAX* STILL A NEGLECTED HUMAN MALARIA PARASITE?”**

## **MEETING SIGNIFICANCE**

The concepts of *Plasmodium vivax* malaria as a relatively mild disease and the protection of Duffy negative people have been recently revisited. Growing evidence that severe manifestations of *P. vivax* disease are common and the circulation of *P. vivax* in Duffy-negative people are new aspects of the biology of this parasite. Latest scientific reports on the emergence and spread of antimalarial drug resistance and the complexity of the surveillance underlines the need for re-defining the research needs and reinforce effective strategies for *vivax*-specific control. The congress directly focuses the attention on the revisited traditional concept of *P. vivax* as “benign” parasite and recognizes the importance of an update on *P. vivax* current research, often neglected. The invited speakers, with diverse expertise will discuss new key features of the biology, clinical aspect, pathogenesis, treatments and epidemiology that are changing the scenario of our knowledge of the parasite and will review recent progress in many research fields. The landscape of *P. vivax* malaria changes constantly and the congress is an opportunity to consider with renewed attention *P. vivax* infections as a priority to overcome the challenges of malaria control.

## SCIENTIFIC PROGRAMME

<b>14:00 - 14:05</b>	<b>ISS Presidency</b>	<i>Welcome and introduction</i>
<b>14:05 - 14:10</b>	<b>Carlo Severini</b>	<i>Meeting significance</i>
<b>14:10 - 14:40</b>	<b>Georges Snounou</b>	<i>History and current status of Plasmodium vivax</i>
<b>14:40 – 14:55</b>	<b>Stéphane Picot</b>	<i>Vivax Malaria and drug resistance, the inevitable loss.</i>
<b>14:55 – 15:15</b>	<b>Didier Menard</b>	<i>Plasmodium vivax transmission in duffy-negative people</i>
<b>15:15 - 15:30</b>	<b>Marcus Lacerda</b>	<i>Clinical severe forms due to P. vivax infection and the current therapeutic approach</i>
<b>15:30 - 15:45</b>	<b>Eskild Petersen</b>	<i>P. vivax risk re-emergence in temperate climate areas</i>
<b>15:45 - 16:00</b>	<b>Danai Pervanidou</b>	<i>P.vivax re-introduction risk in Greece</i>
<b>16:00 - 16:15</b>	<b>Ahmad Raeisi</b>	<i>Plasmodium vivax malaria in Iran</i>
<b>16:15 – 16:30</b>	<b>All participants</b>	<i>Plenary discussion and concluding remarks</i>

## INVITED SPEAKERS

**Marcus VG Lacerda** Tropical Medicine Foundation Dr. Heitor Vieira Dourado (FMT-HVD), Manaus, Brazil.

**Didier Menard** Malaria Genetic and Resistance Unit, Biology of Host-Parasite Interactions Unit, Institut Pasteur, Paris France

**Danai Pervanidou** Vector-borne Diseases Department (Head), Directorate for Epidemiological Surveillance and Intervention for Infectious Diseases, Hellenic National Public Health Organization“ Athens, Greece.

**Eskild Petersen** Department of Infectious Diseases, Aarhus University Hospital Skejby, Aarhus, Denmark

**Stéphane Picot** Institute of Parasitology and Medical Mycology, Lyon University Hospital (France) and Malaria Research Unit at the National Center for Scientific Research (CNRS UMR 5246, France).

**Ahmad Raeisi** National program manager for malaria control, Ministry of Health, Shahrake Qods Tehran I.R.Iran

**Georges Snounou** IDMIT Department, IBFJ, DRF, CEA-Université Paris Sud 11-INSERM U1184, Immunology of Viral Infections and Autoimmune Diseases (IMVA), Fontenay-aux-Roses, France.

## SCIENTIFIC COORDINATOR

### CARLO SEVERINI

Department of Infectious Diseases, ISS

## SCIENTIFIC COMMITTEE

**Edvige Perrotti**, [edvige.perrotti@iss.it](mailto:edvige.perrotti@iss.it); +39.06.49903847

**Mariangela L'Episcopia**, [mariangela.lepiscopia@iss.it](mailto:mariangela.lepiscopia@iss.it); +39.06.49902373

**Daniela Boccolini**, [daniela.boccolini@iss.it](mailto:daniela.boccolini@iss.it) ; +39.06.49903108

Department of Infectious Diseases, ISS

## MEETING SECRETARIAT

**Alessia Caratelli, Paola Selvazzo, Valentina Cecchetti, Veronica Bizzotti**

Department of Infectious Diseases

[segreteria.dmi@iss.it](mailto:segreteria.dmi@iss.it) +39.06.49903279/6134

### **Chairman**

CARLO SEVERINI, Dipartimento Malattie Infettive, ISS

[carlo.severini@iss.it](mailto:carlo.severini@iss.it); 0649902303

### **Technical assistance**

[assistenza.aule@iss.it](mailto:assistenza.aule@iss.it)

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**You are welcome to take part in the scientific online congress on *P. vivax*.**

**Please join us at the:** <https://live.starleaf.com/OTUwMTMyNzI6MDIyODE1>