

Symposium

Modern Vaccination Strategies

Within the last 200 years, infection research has significantly contributed to combating various infectious diseases, such as pox, measles, mumps, rubella, poliomyelitis, diphtheria and tetanus. Today, vaccinations save millions of lives each year. During the last 50 years, the use of vaccinations helped to decrease infant mortality by 50 percent. Despite the progress achieved, the number of vaccinations declines and a large proportion of the population is rather sceptical about it.

The symposium, presented by the German National Academy of Sciences Leopoldina in collaboration with the French Académie des Sciences and the Max Planck Institute for Infection Biology, addresses not only risks and opportunities of vaccination research but also covers perspectives of modern vaccination strategies. Having been used so far to fight infectious diseases, latest immunology research has developed further areas of application for vaccinations including the treatment of allergies, autoimmune diseases and even cancer.

The symposium will take place on the occasion of the 50-year jubilee of the Élysée Treaty and will be held in English.



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Max-Planck-Institut
für Infektionsbiologie



Leopoldina
Nationale Akademie
der Wissenschaften

Symposium

Modern Vaccination Strategies

Monday, June 10th 2013

Contact:

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Registration:

www.leopoldina.org/de/impfstrategien

Founded in 1652, the Leopoldina brings together some 1,500 outstanding scientists from about 30 countries. It is dedicated to the advancement of science for the benefit of humankind and to shaping a better future. In its role as the German National Academy of Sciences, the Leopoldina represents the German scientific community in international committees. It offers unbiased scientific opinions on political and societal questions, publishing independent studies of national and international significance. The Leopoldina promotes scientific and public debate, supports young scientists, confers awards for scientific achievements, conducts research projects, and campaigns for the human rights of persecuted scientists.

www.leopoldina.org

Venue:

Kaiserin Friedrich-Haus
Robert-Koch-Platz 7, 10115 Berlin

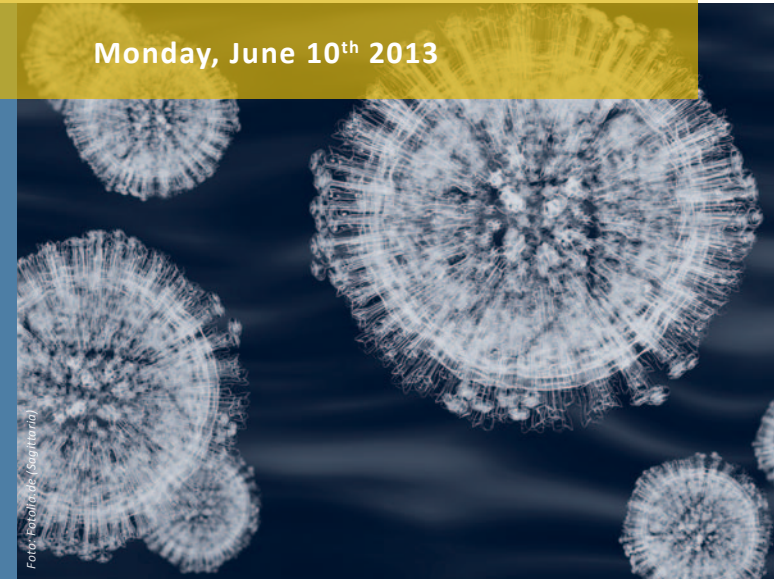


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Modern Vaccination Strategies

Monday, June 10th 2013

Kaiserin Friedrich-Haus, Robert-Koch-Platz 7, 10115 Berlin

Program

08:30 **Coffee/Registration**

09:00 **Welcome and short introduction**

Jörg Hacker

09:15 **Basic immunology and vaccinology**

Chair: André Capron

09:15-09:45 **Andreas Radbruch:** Basis of stability and duration of vaccine-induced protection

09:45-10:15 **Matthew Albert:** Adjuvant responsiveness in human population

10:15-10:45 **Jean-François Bach:** Real and false problems in adjuvants

10:45-11:30 **Coffee break**

11:30 **Infectious agents**

Chair: Matthew Albert

11:30-12:00 **Stefan H.E. Kaufmann:** New vaccination strategies against tuberculosis

12:00-12:30 **Armelle Phalipon:** New vaccination strategies against bacillary dysentery

12:30-13:30 **Lunch**

13:30-14:00 **Peter Palese:** New vaccination strategies against influenza

14:00-14:30 **André Capron:** Antiparasite vaccines: development and first clinical trials

14:30 **Cancer vaccinology**

Chair: Jörg Hacker

14:30-15:00 **Laurence Zitvogel:** Cancer immunotherapy

15:00-15:30 **Georg Stingl:** New vaccination strategies against skin cancer

15:30-16:15 **Coffee break**

16:15 **New areas of vaccinology**

Chair: Jean-François Bach

16:15-16:45 **Reinhard Hohlfeld:** Is vaccination against multiple sclerosis possible?

16:45 **Concluding remarks**

Jules Hoffmann

17:30 **Public evening lecture / Öffentlicher Abendvortrag***

Chair: Stefan Kaufmann

Harald zur Hausen: Primärprävention – Der einzige Weg, die Krebssterblichkeitsrate zu senken

19:00-20:00 **Reception**

* *Primary prevention – the only way to reduce cancer morbidity.* This lecture will be held in German. Simultaneous interpretation German-English will be provided.

Speakers

Prof. Dr. Matthew Albert
Institut Pasteur, Paris

Prof. Dr. Jean-François Bach
Académie des sciences, Paris

Prof. Dr. André Capron
Académie des sciences, Paris

Prof. Dr. Jörg Hacker ML
German National Academy of Sciences Leopoldina, Halle (Saale)

Prof. Dr. Harald zur Hausen ML
German Cancer Research Center, Heidelberg

Prof. Dr. Jules Hoffmann ML
CNRS, Université de Strasbourg

Prof. Dr. Reinhard Hohlfeld ML
Institute of Clinical Neuroimmunology, Ludwig-Maximilians University, Munich

Prof. Dr. Stefan H.E. Kaufmann ML
Max-Planck-Institute for Infection Biology, Berlin

Prof. Dr. Peter Palese ML
Mount Sinai School of Medicine, New York

Dr. Armelle Phalipon
Institut Pasteur, Paris

Prof. Dr. Andreas Radbruch ML
German Rheumatism Research Centre, Berlin

Prof. Dr. Georg Stingl ML
Austrian Academy of Sciences, Vienna

Dr. Laurence Zitvogel
Institut Gustave-Roussy, Villejuif

ML = Member Leopoldina