



6th WHO Training Course on Adjuvants and Vaccine formulation

- Completed, December 2016 -

Conducted at the Vaccine Formulation Laboratory, University of Lausanne, Switzerland

The theoretical and practical training courses on Adjuvants and Vaccine Formulation were established by the World Health Organization (WHO) at the Vaccine Formulation Laboratory (VFL) at University of Lausanne (UNIL), Switzerland. This was the last course for which ADITEC project (funded by the European Commission) sponsored participants, selected through a competitive process, to attend this practical training.

Course agenda

The 6th course on Adjuvants and Vaccine Formulation focused on practical hands-on training combined with theoretical background information. During the 5-day training the course participants got an overview of vaccine adjuvants and state-of-the-art assays used for characterization and quality control of adjuvanted vaccines. In the lab-based sessions participants worked under the supervision of formulation experts. Trainees studied the influence of different production methods on physicochemical properties of liposomes and PLGA microparticles, characterized vaccine formulations adjuvanted with aluminum salt, and manufactured and characterized water-in-oil and squalene based oil-in-water adjuvants. Throughout the week, participants have obtained a thorough understanding of assays and techniques needed to formulate and characterize adjuvanted vaccines.

Speakers and Trainers

Dr Christophe Barnier-Quer, Dr Livia Brunner, Dr Patrice Dubois, Dr Nicolas Collin (Vaccine Formulation Laboratory, University of Lausanne, Switzerland), and Dr. Jérôme Gaucheron (Seppic, France).

Feedback from the participants

“My learning experience was great.”

“I was able to understand the manufacturing procedures and the logic behind.”

“I feel that I will be able to reproduce the techniques now.”

“I don't know, where else I could get access to such knowledge!”

“One of the best courses I ever took!”

