

# **ESPID 2025 Summer School**

## **1st ESPID Summer School in Vaccinology Athens, 16TH-20TH September 2024**

The **1st ESPID Summer School** aims to enrich knowledge in Vaccinology for a small select group of 30 participants, chosen among ESPID members. The scientific program developed by the ESPID Board along with a distinguished faculty of globally recognized experts in Vaccinology aims to provide a comprehensive understanding of various facets of vaccinology. The topics covered will include immunology, vaccine development, clinical trials, regulatory processes, emerging vaccines, vaccination strategies and policies, program implementation, addressing vaccine hesitancy, managing humanitarian emergencies, and exploring social, ethical, financial, and communication considerations.

### **Day 1 (Monday, 16 September): Understanding Immunological Responses for Vaccinologists**

13:45-14:00 Welcome and Objectives of the course

Speaker: Manolis Galanakis, Vana Spoulou

14:00-14:30 History of Vaccinology

Speaker: Manolis Galanakis

14:30-15:00 Overview of Vaccinology Principles: The important role of Antigen presenting cells

Speaker: Marien De Jonge

15:00-15:30 Antigen-specific B responses and Immunological Memory

Speaker: Joanna Papadatou

15:30-16:00 Overview of Vaccinology Principles: T-cell

## Responses

Speaker: Milos Markovic

16:00-16:30 Student's Interaction & Coffee Break

16:30-17:00 Mucosal Immunity and development of mucosal vaccines

Speaker: Marien de Jonge

17:00-18:30 Workshop 1 (in small groups): Different vaccine antigens and immune responses

Moderators: Vana Spoulou

Protein Subunit vaccines and particle-based vaccine formulations.

Speakers: Ilan Youngster, Eleni Vergadi

Polysaccharide and Conjugate Vaccines

Speakers: Joanna Papadatou, Vana Spoulou

Live Attenuated and Inactivated Vaccines.

Speakers: Anu Goenka, Fani Ladomenou

18:30-19:00 Non-specific effects of vaccines through trained immunity

Speaker: Anu Goenka

19:00-19:30 Closing Remarks

19:30 Welcome Reception

## **Day 2 (Tuesday, 17 September): Vaccine Development and Implementation**

08:30-09:00 Clinical Trial: Phase I, II, III

Speaker: Ilan Youngster

09:00-09:30 Vaccine Safety: Assessing Adverse Effects

Speaker: Hanna Nohynek

09:30-10:00 Regulatory Affairs in Vaccine Development and licensure

Speaker: Marco Cavaleri (zoom)

10:00-10:30 Assessing Autoimmune adverse Events following vaccination

Speaker: Christiane Sigrid Eberhardt (zoom)

10:30-11:00 Coffee Break

11:00-12:30 Introduction of Novel Vaccines in NIPs

Speaker: Shamez Ladhani (zoom), Hanna Nohynek, David Greenberg,

Vana Papevangelou, Oana Falup-Pecurariu

Cost effectiveness-Health economics

Speaker: Kostas Athanasakis

12:30-13:00 Interaction Students-Faculty

13:00-14:30 Lunch break Interaction Students-Faculty

14:30-15:00 Post Licensure Surveillance Systems on Safety and effectiveness

Speaker: Nick Andrews (zoom)

15:00-15:30 Other topics: The journey towards polio eradication

Speaker: Ananda Bandyopadhyay (zoom)

15:30-17.30 Workshop 2: Introducing new vaccines in NIP of different settings (LMIC vs High Income countries etc.)

Facilitators: Hanna Nohynek (Varicella Zoster), David Greenberg (Bexsero and MenB), Vana Papaevangelou (RSV in Pregnant Women), Oana Falup-Pecurariu (Varicella Zoster), Andrew Pollard (Bexsero and MenB), Kostas Athanasakis (Herpes Zoster)

17:30-18:00 Interaction Students-Faculty

18:00-18:30 The future of Vaccinology

Speaker: David Greenberg

## **Day 3 (Wednesday, 18 September): Clinical Vaccinology Vaccines in specific populations**

08:30-09:00 Vaccination in Early Life

Speaker: Eleni Vergadi

09:00-09:30 Vaccination during Pregnancy

Speaker: Flor Munoz

09:30-10:00 Vaccination for Immunocompromised Individuals

Speaker: Vana Spoulou

10:00-10:30 Travel vaccines

Speaker: Flor Munoz (Dengue, Malaria), Hanna Nohynek (Yellow Fever, Typhoid)

10:30-11:00 Coffee Break

11:00-11:30 Correlates of Immunity for prediction of vaccine efficacy

Speaker: Milos Markovic

11:30-13:30 Workshop 3: Predicting clinical effectiveness in “special populations” using correlates of protection and limitations

Facilitators: : Milos Markovic ,Eleni Vergadi, Joanna Papadatou, Vana Spoulou

13:30-15:00 Lunch break

15:00-15:30 Adverse effects of vaccination: Lessons from the pandemic

Speaker: Andrew Pollard

15:30-17:30 Workshop 4: Clinical Vaccinology: Problem Solving in special circumstances.

Facilitators: Despoina Gkentzi, Fani Ladomenou, Ioanna Pavlopoulou, Susanna Esposito, Ulrich Heininger

17:30 Historical Visit

## **Day 4 (Thursday, 19 September): “Novel Vaccines”**

08:30-09:00 Preclinical Development and Testing including Industry Decisions to “Go or Not Go”

Speaker: Ralf Rene Reinert

09:00-09:30 mRNA vaccines for infections and beyond

Speaker: Mathew Snape

09:30–10:00 Adjuvants , Other platforms svlp, nanoparticles, etc

Speaker: Lilli Stergiou

10:00-10:30 Coffee Break

10:30-11:00 Inequalities in vaccine accessibility in LMIC

Speaker: Katherine O'Brien

11.00-12.30 An update, CMV, Strep B, TB Vaccines, RSV

Supervisors: Anu Goenka (COVID), Ulrich Heininger (pertussis), Desponia Gkenzi (CMV), Vana Spoulou (HIV), Fani Ladomenou (STREP B), Maria Tsolia (TB)

12:30-13:00 Pertussis Vaccine: A never-ending story or may be not?

Speaker: Ulrich Heininger

13:00-14:30 Lunch break

14:30-15:00 Structure-based vaccine design for RSV and pandemic preparedness

Speaker: Barney Graham (zoom)

15:00-15:30 Influenza biology, new vaccines, and vaccination strategies for different ages

Speaker: Susanna Esposito

15:30-16:00 Introducing pandemic vaccines amidst a Global Pandemic

Speaker: David Greenberg

16:00-16:30 Debate RSV vaccine in Pregnant WOMAN vs Monoclonals in the baby

Debaters: Flor Munoz (maternal vaccination) /Vana Papaevangelou (Monoclonals to baby)

16.30-17:00 Human Challenge Studies – Are They Necessary and Ethical?

Speaker: Pierre van Damme

18.00 Quiz + Farewell dinner

Day 5 (Friday, 20 September): Vaccine implementation and Communication

08:30- 09.15 Communication Strategies for Addressing Vaccine Hesitancy focusing on your country

Speaker: Ioanna Pavlopoulou, Pierre van Damme

09:15-10:00 Engaging with the Media/Social on Vaccination

Speaker: Daniel McCormac, Samantha Vanderslott

10:00-11:30 Workshop Practice Doctor vs Parent

Facilitators: Georgios Pappas, John Kopsidas (social media), Manolis Galanakis

Workshop: Doctor Vs. Journalist

Facilitator: Samantha Vanderslott, Daniel McCormac, Hanna Nohynek – AstraZeneca case, Scandinavian Countries

11:00-11:30 Coffee Break

11:30-12:00 Debate Mandatory Immunisation in Health professionals

Debaters (Speakers): Manolis Galanakis (yes), vs Pierre Van Damme (No)

12:00-12:30 Diplomas & Conclusions

## **European Accreditation Council for Continuing Medical Education (UEMS/EACCME)**

The **1st ESPID Summer School in Vaccinology**, Athens, Greece 16/09/2024 – 20/09/2024, has been accredited by the European Accreditation Council for Continuing Medical Education (EACCME®) with **28.0** European CME credits (ECMEC®s). Each medical specialist should claim only those hours of credit

that he/she actually spent in the educational activity.

## American Medical Association (AMA)

Through an agreement between the European Union of Medical Specialists and the American Medical Association, physicians may convert EACCME credits to an equivalent number of *AMA PRA Category 1 Credits™*. Information on the process to convert EACCME credit to AMA credit can be found at <https://www.ama-assn.org/education/ama-pra-credit-system/agreement-european-union-medical-specialties-uems>

## Royal College of Physicians and Surgeons of Canada

Live educational activities, occurring outside of Canada, recognized by the UEMS-EACCME for ECMEC credits are deemed to be Accredited Group Learning Activities (Section 1) as defined by the Maintenance of Certification Program of The Royal College of Physicians and Surgeons of Canada. For more information, visit: <https://www.royalcollege.ca/ca/en/cpd/royal-college-accredited-cpd-providers/international-accreditation-agreements.html>

## Credit Breakdown

Each participant should claim only those hours of credit that he/she actually spent in the educational activity.

| Day                   | Maximum Credits |
|-----------------------|-----------------|
| 16/09/2024            | 4.5             |
| 17/09/2024            | 7.0             |
| 18/09/2024            | 7.0             |
| 19/09/2024            | 6.5             |
| 20/09/2024            | 3.0             |
| <b>Total Credits:</b> | <b>28.0</b>     |

# **Educational Objectives**

After participating in this educational event, learners should be able to:

- Address individual needs in compliance with their Continuous Professional Development (CPD) plan.
- Apply immunological principles
- Demonstrate advanced competence in the vaccine development process
- Make informed clinical decisions regarding vaccination in special populations
- Assess and integrate the latest knowledge of novel vaccines and emerging technologies
- Enhance communication strategies to effectively address vaccine hesitancy
- Evaluate and apply ethical principles in vaccinology
- Utilize improved problem-solving skills to address complex scenarios

## **Target Audience**

The principal intended recipients of the 1st ESPID Summer School are fully qualified medical specialist doctors, particularly those who are members of the European Society for Paediatric Infectious Diseases (ESPID). The program is designed for participants who are at a senior level in their careers, such as experienced pediatric infectious disease specialists or those with a strong focus on vaccinology.

## **To Receive Your CME/CPD Certificate**

The CME/CPD certificate will be available after completing the online evaluation and credit claiming procedure. The process takes about 5 minutes. We thank you for your feedback as it is an important part of CME/CPD accreditation and helps improve future educational offerings.



Before 20 December 2024:

1. Complete the anonymous [online evaluation](#).
2. Complete the credit claim form and submit it.
3. The CME/CPD certificate will be available for download and/or print for your personal records.

▪ *Kindly note that the online evaluation will be active on the last day of the summer school. You will then be able to access it and claim your CME/CPD certificate.*

## **Disclosure and Resolution of Personal Conflicts of Interest**

In accordance with CME/CPD accreditation criteria and standards for commercial support to ensure balance, independence, objectivity, and scientific rigor, those in control of the educational content must disclose potential or actual conflicts of interest. Disclosure information is evaluated and conflicts of interest are resolved. Disclosure is made to participants prior to the activity. Participants will be asked on the evaluation to assess the objectivity and independence of the event.

## **Industry Support Disclosure**

This event is supported, in part, by funding from industry. All support is managed in strict accordance with CME/CPD accreditation criteria and standards for commercial support. Appropriate acknowledgement of all supporting organisations is made in the programme guide, on the event website, and with signage during the event.

## **Commitment to the Highest Standards in CME/CPD**

Kenes Group is committed to being a valuable and knowledgeable partner in the design and delivery of educationally strong,

independent, transparent, and effective CME/CPD programmes. Kenes is a proud member of the Good CME Practice Group (gCMEp), a member organisation contributing to improving health outcomes by:



- Championing best practice in CME/CPD
- Maintaining and improving standards
- Mentoring and educating
- Working in collaboration with critical stakeholders

Membership in the Good CME Practice Group illustrates Kenes commitment to high standards and knowledgeable partnership with its clients in the design and delivery of medical events.

## **ESPID 2025 Summer School, – Seville, Spain, 24TH-27TH September 2025**

### **Application Deadline: 30 June 2025**

The 2nd **ESPID Summer School** aims to enrich knowledge in **AMR (AMS and IPC)** for a select group of 30 participants. The scientific programme, developed by the ESPID Board along with a distinguished faculty of globally recognized experts in AMR, is designed to provide a comprehensive understanding of various facets of antimicrobial resistance. Topics will include:

- Antimicrobial stewardship (AMS)
- Diagnostic approaches
- Treatment strategies for special populations

- Infection prevention and control (IPC)

Through lectures, workshops, and practical sessions led by renowned experts, the programme will empower paediatric infection specialists to set up antimicrobial stewardship programmes within their own hospitals and to contribute to national and ESPID pAMS and IPC initiatives. The event is aimed at **senior PID trainees** and **junior consultants** (within the first or second year of their consultant post). While preference will be given to **ESPID members**, the programme is **open to all eligible applicants** with a strong interest in paediatric infectious diseases and AMR.

### □ Important Information

**Successful applicants will be required to cover the participation fee, which includes registration and accommodation for the full duration of the Summer School. Travel costs will be covered by the participants themselves.**

### **Participation Fees, subject to change:**

- **ESPID Member: €200**
- **Non-ESPID Member: €350**
- **LMIC & ESPID Member: €25**
- **LMIC & Non-ESPID Member: €50**

We encourage all interested and eligible candidates to apply before the deadline.

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