

Organized by



UNIVERSITY OF CRETE
SCHOOL OF MEDICINE

**ESCV
ENPEN**

WORKSHOP

on Non-Polio Enterovirus in Europe

23-24 MAY 2024

Mon Repos Palace Hotel
CORFU, GREECE

WORKSHOP PROGRAMME

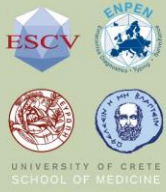
Logistics / Financial Management



Special thanks



Municipality of Central Corfu
and Diapontia Islands



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DAY 1: Thursday 23rd May 2024

09.00 - 09.30 **WELCOME AND INTRODUCTIONS**
George Sourvinos, Local Organiser - ESCV
Pamela Vallely, President ESCV
Heli Harvala, ENPEN-ESCV
Thea Kølsten Fischer – ENPEN

SESSION I – THE CURRENT STATE OF PLAY

Chair: Heli Harvala, Thea Kølsten Fischer, Kimberley S.M. Benschop

09.30 - 10.00 **Eugene Victor Saxentoff, WHO Europe:** Clinical and supplementary enterovirus surveillance in Europe in the support of the Global Polio Eradication Initiative
10.00 - 10.15 **Javier Martin, WHO Global Reference Laboratory:** Importance of wastewater surveillance in identification of poliovirus in England
10.15 - 10.30 **Thea Kølsten Fischer, Denmark:** How ENPEN initiatives can supplement polio eradication

10.30 – 11.00 COFFEE BREAK

SESSION II – THE FUTURE OF ENTEROVIRUS SURVEILLANCE

Chair: Kimberley S.M. Benschop, Thea Kølsten Fischer

11.00 - 11.15 **Sten de Schrijver, the Netherlands:** Circulation of enteroviruses in Europe, 2015-2023
11.15 - 11.30 **Heli Harvala, England:** The ENPEN-WHO EV surveillance study: what, when and why
11.30 - 11.45 **Caroline Klint Johannesen, Denmark:** Experience from hospital-based surveillance study
11.45 - 12.00 **Jelte Helfferich, the Netherlands:** AFM surveillance (on-line)
12.00 - 12.15 **Kristina Franck, Denmark:** Wastewater surveillance and non-polioviruses
12.15 - 13.00 **Discussion:** properties and requirements for future enterovirus surveillance

13.00 - 14.00 LUNCH BREAK

SESSION III – TREATMENT OF ENTEROVIRUS INFECTIONS

Chair: Natasa Berginc, Eeva Broberg

14.00 - 14.30 **Liam Reilly, Scotland:** Current treatment options for severe enterovirus infections
14.30 - 14.40 **Marta Butrym:** Vemurafenib prevents CBV3 replication in cell models
14.40 - 15.45 Discussions: ENPEN plans for treatment database and guideline

16.00 - 23.00 CORFU TOUR AND DINNER



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DAY 2: Friday 24th May 2024

08.00 – 08.30 MORNING WALKING OR JOGGING AT THE GARITSA GULF

SESSION IV – SEROPREVALENCE STUDIES AND DIAGNOSTIC ADVANCES

Chair: Heli Harvala, Eeva Broberg

- 09.00 - 09.15 **Karen Couderé, the Netherlands:** Neutralising antibody testing between laboratories
- 09.15 - 09.30 **Alison Tedcastle, NIBSC:** WHO International standards for non-polio enteroviruses
- 09.30 - 09.45 **Kimberley S.M. Benschop, the Netherlands:** Next Generation Sequencing for enterovirus typing
- 09.45 - 09.55 **Maxime Bisseux, France:** Deep sequencing of enterovirus through PCR-based enrichment
- 09.55 - 10.05 **Nóra Deézsi-Magyar, Hungary:** Metagenomic sequencing of parechoviruses
- 10.05 - 10.15 **Lili Andersson-Li, Sweden:** A pipeline for analysing enteroviruses via NGS
- 10.15 - 10.30 **Emma Hodcroft, Switzerland:** How to use NextStrain to enhance enterovirus surveillance?
- 10.30 - 10.45 **Jean-Luc Bailly, France:** Molecular epidemiology of EV-A71 in Europe
- 10.45 - 11.00 **Natasa Berginc, Slovenia:** Circulation of EV-C105 in Europe
- 11.00 - 11.30 **COFFEE BREAK**
- 11.30 - 12.30 **Group working:**
TOPIC I - what do we want to do next and why?
TOPIC II - What to consider when introducing NGS?
- 12.30 - 13.00 Conclusions and plan forward
- 13.00 - 14.00 **LUNCH BREAK**
- 14.00 - 15.00 FINAL CONCLUSIONS AND ACTIONS TO BE TAKEN HOME

FACULTY INDEX

Kimberley S.M. Benschop

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Karen Couderé

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Sten de Schrijver

Intern, National Institute for Public health and the Environment (RIVM), The Netherlands

Kristina Træholt Franck

MD, PhD, Clinical Microbiologist with subspecialization in Clinical Virology, Head of Section, Virus Surveillance and Research Laboratory, Statens Serum Institut, Denmark

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