



Support to microbiology-related activities and capacity building focusing on COVID-19 and influenza in the EU/EEA, the Western Balkans and Turkey

Laboratory support, training, and standardisation

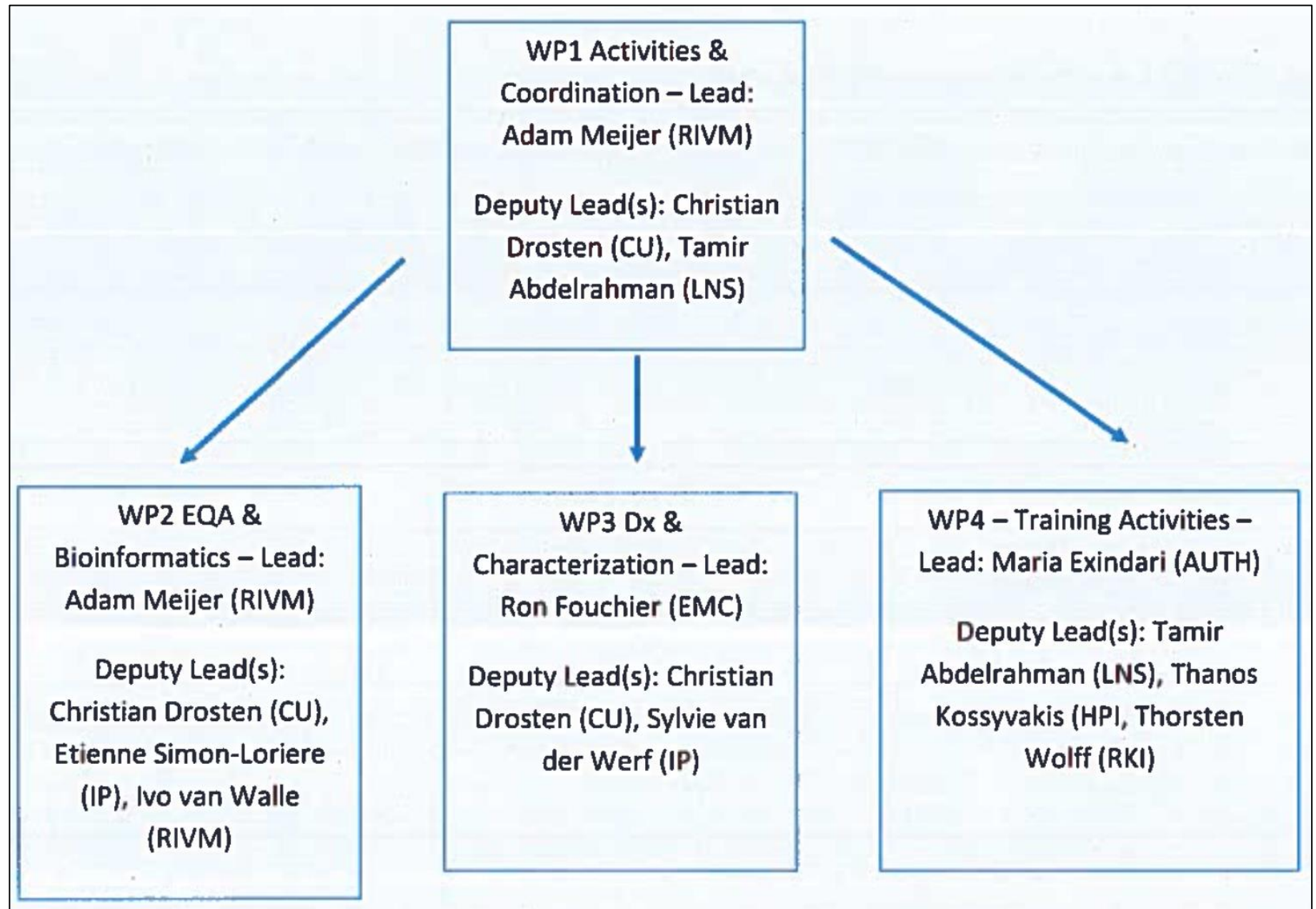
Framework service contract

National Institute for Public Health and the Environment (RIVM), Bilthoven, Netherlands (coordinator)
Sciensano, Brussels, Belgium
Institut Pasteur, Paris, France
Hospices Civils De Lyon, Lyon, France
Charité - Universitätsmedizin Berlin, Institute of Virology, Berlin, Germany
Robert Koch-Institut, Berlin, Germany
Hellenic Pasteur Institute, Athens, Greece
Aristotle University of Thessaloniki, Thessaloniki, Greece
Laboratoire National de Santé, Luxembourg
Erasmus University Medical Center, Rotterdam, Netherlands
Norwegian Institute of Public Health, Oslo, Norway
National Institute of Health Doctor Ricardo Jorge, Lisboa, Portugal

In response to:

CALL FOR TENDERS

OJ/2021/DPR/23477



Workpackage 4



“Support to microbiology-related activities and capacity building focusing on COVID-19 and influenza in the EU/EEA, the Western Balkans and Turkey. Laboratory support, training, and standardisation”

You are cordially invited to participate in a 5-day training on **SARS-CoV-2 sequencing and Bioinformatics**, as a part of twinning visit program endorsed by the ECDC and conducted by the Laboratoire National de Santé of Luxembourg.

This twinning visit offers the trainee the possibility to discover two different techniques (Illumina and Nanopore) used in the Microbiology department of the LNS in the national genomic surveillance with the downstream data analysis and reporting.

The training will be held in English.

For training agenda, consult the Annex 1 of the present invitation.

Place: Laboratoire National de Santé, Dudelange, Luxembourg

Time: 10-14 October 2022

“Support to microbiology-related activities and capacity building focusing on COVID-19 and influenza in the EU/EEA, the Western Balkans and Turkey. Laboratory support, training, and standardisation”

You are cordially invited to participate in the wet-dry lab course on **SARS-CoV-2 sequencing and Bioinformatics**, endorsed by the ECDC and conducted by the National Influenza Centre for N. Greece.

Objective and rationale:

The course content should focus on the following topics:

- SARS-CoV-2 sequencing
- SARS-CoV-2 bioinformatics

ECDC wet-dry lab training course, NIC N. Greece, 8-11 November 2022

** SARS-CoV-2 sequencing and SARS-CoV-2 bioinformatics*

Watch your mailbox for emails from ECDC for future activities



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Objectives

The **centralised laboratory support** for influenza and SARS-CoV-2 viruses aims to ensure surveillance and in-depth genetic and antigenic characterisation of circulating influenza and SARS-CoV-2 viruses. All participating laboratories, particularly those currently lacking sufficient capacity or capability, shall get access to virus characterisation services of sufficient quantity and turn-around-time that allows for timely pandemic response.



Work package 3

Deliverables, each for influenza and SARS-CoV-2:

VN assay confirmatory testing service

Virus characterisation of influenza or SARS-CoV-2 virus isolates

Virus characterisation of influenza or SARS-CoV-2 in clinical specimens

Tech support and protocols for implementation and optimisation of diagnostic assays

Tech support and protocols for implementation of virus characterisation assays

Tech support and protocols for analysing antibody titres

Tech support and protocols for antiviral susceptibility testing

Tech support and protocols for validation and optimisation of lab protocols for diagn. assays

Develop and validate specific primers and probes for diagnostic assays

Assay validation studies for diagnostic tests

Validation protocols for diagnostic assays

Handbooks (one each for influenza and COVID-19)

Database of protocols for diagnostic assays + user manual

Work in progress; watch your mailbox for emails from ECDC for invitations