

Please mark your calendar:

A **virtual get together** will happen the day before the meeting, i.e. on **Wednesday Sept. 23rd, 16h30-18h00 (Paris time)**

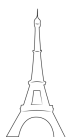
EUPERTSTRAIN MEETING

SEPTEMBER 24TH, 2020

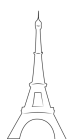
VISIOCONFERENCE MEETING ORGANIZED BY:

NATIONAL REFERENCE CENTER FOR WHOOPING COUGH, INSTITUT PASTEUR, PARIS, FRANCE

9h00-9h15	Sylvain Brisse – Welcome and introduction
9h15-9h45	Nicole Guiso – Epidemiology and surveillance of pertussis: current status, and challenges for the future
9h45-10h55	Session 1 - Biology and Evolution of the pathogen, B. pertussis Chairpersons: Sylvain Brisse and Helena Martini
9h45-10h00	Noémie Lefrancq - Phylogeography of <i>Bordetella pertussis</i>
10h00-10h15	Valérie Bouchez - Evolution of <i>Bordetella pertussis</i> in France over a 23-year period
10h15-10h30	Loïc Coutte - Combined RNAseq and ChIPseq Analyses of the BvgA and RisA Regulons of <i>Bordetella pertussis</i>
10h30-10h45	Alex Barkoff - Fimbrial serotyping reveals different patterns of circulating <i>Bordetella pertussis</i> between whole cell and acellular vaccine eras in Finland



10h45-10h50	Helena Martini - Evolution of pertactin-negative circulating <i>B. pertussis</i> strains in Belgium (5 minutes)
10h50-10h55	Luigina Ambrosio - Genomic analysis of <i>Bordetella pertussis</i> strains causing disease in Italy and in Argentina, 2013 – 2016 (5 minutes)
10h55-11h15	Coffee break
11h15-11h45	Session 2 - Epidemiology of whooping cough Chairpersons: Valérie Bouchez and Norman Fry
11h15-11h30	Julie Toubiana - Impact of recent vaccine schedule changes on pertussis epidemiology in France
11h30-11h35	Tine Dalby - The 2019-2020 record high pertussis epidemic in Denmark (5 minutes)
11h35-11h40	David Litt - Detection of <i>Bordetella holmesii</i> in respiratory samples from patients with pertussis symptoms in England 2016 – 2019 (5 minutes)
11h40-11h45	Rob Mariman – Brief update on <i>Bordetella pertussis</i> surveillance in the Netherlands (5 minutes)
11h45-13h50	Lunch Break
13h50-14h00	Session 3 – Diagnosis Chairpersons: Valérie Bouchez and Norman Fry
13h50-13h55	Cristina Oprea - Identification of <i>Bordetella</i> sp. DNA directly from the pathological samples using a rapid diagnostic kit (5 minutes)
13h55-14h00	Sophie Guillot - Low detection rate of <i>Bordetella pertussis</i> using the BioFire FilmArray Respiratory Panel 2plus (5 minutes)



14h00-15h50	<p>Session 4 – Immunology and Vaccination against pertussis</p> <p><i>Chairpersons: Julie Toubiana and Andrew Gorringe</i></p>
14h00-14h15	Aapo Knuutila - Neutralizing antibodies to pertussis toxin after an acellular booster vaccination in Finnish subjects of different age groups
14h15-14h30	Violaine Dubois - Suppression of mucosal Th17 memory response by acellular pertussis vaccines enhances nasal carriage of Bordetella pertussis
14h30-14h45	Nora Lambert - Biomarker profiles of acellular and whole-cell primed Bp-specific CD4+ memory T-cells identified using CyTOF
14h45-15h00	Michiel M. Kroes - Crosstalk between the human airway bronchial epithelium and innate immune cells enhances the response to <i>B. pertussis</i>
15h00-15h15	Helen Campbell - An update on the maternal pertussis vaccination programme in England
15h15-15h20	David McCulloch - Functional genomic approaches to investigating <i>Bordetella pertussis</i> cell wall synthesis. (5 minutes)
<i>15h20-15h30</i>	<i>Coffee break</i>
15h30-15h45	Kirsten Maertens – Unraveling the effect of maternal pertussis immunization on humoral immune responses in preterm born infants
15h45-16h00	Cheryl Keech - A Phase 2 Clinical Trial Assessing the Effect of BPZE1 Nasal Vaccination in Healthy Adults (with or without recent Boostrix Vaccination)
16h00-16h10	Qiushui He and Metka Paragi – Perspectives for EUPertStrain
16h10-17h00	<i>Closing, virtual drink, free discussions</i>

