

MOOC Medical entomology

Free online course on insect vectors and related pathogens

Vincent ROBERT¹, Marie PICARD¹, Anna-Bella FAILLOUX²

1. IRD, MIVEGEC / IRD 224 - CNRS 5290 – Montpellier University, France, 911 Avenue Agropolis, BP 64501, 34394 Montpellier cedex 5, France
2. Institut Pasteur, Arbovirus and Insect Vectors, 25 rue du Dr Roux, 75724 Paris cedex 15, France

Objectives

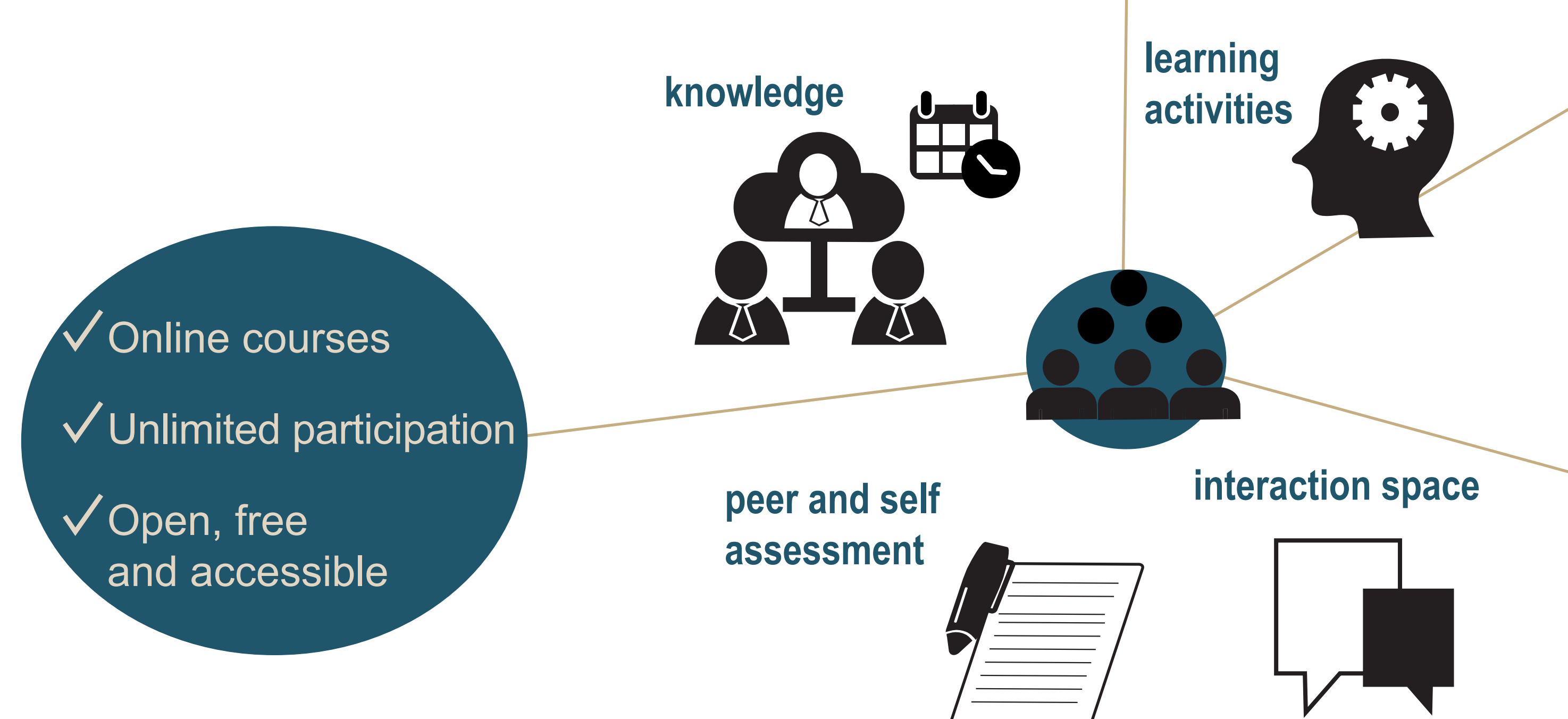
The understanding of interactions between the arthropods and the pathogens they may transmit is pivotal in combating many human and animal diseases.

The **MOOC “Medical entomology”** aims at providing the understanding in medical and veterinary entomology at a graduate level. It will teach the role of vectors in the functioning of ecosystems and how to interrupt the vector transmission chain.

It is organized from an entomological perspective, with each session devoted to a particular taxonomic group of insects or ticks. It will be delivered in English by a team of experts from the Institut Pasteur, IRD and other famous scientific institutions.

This new, open and interactive online course in medical and veterinary entomology will run from January 9 to February 18, 2017.

What is a MOOC?



Format

> 7 **modules** over 6 weeks

> Each module divided in **several videos** (12 min) on different topics

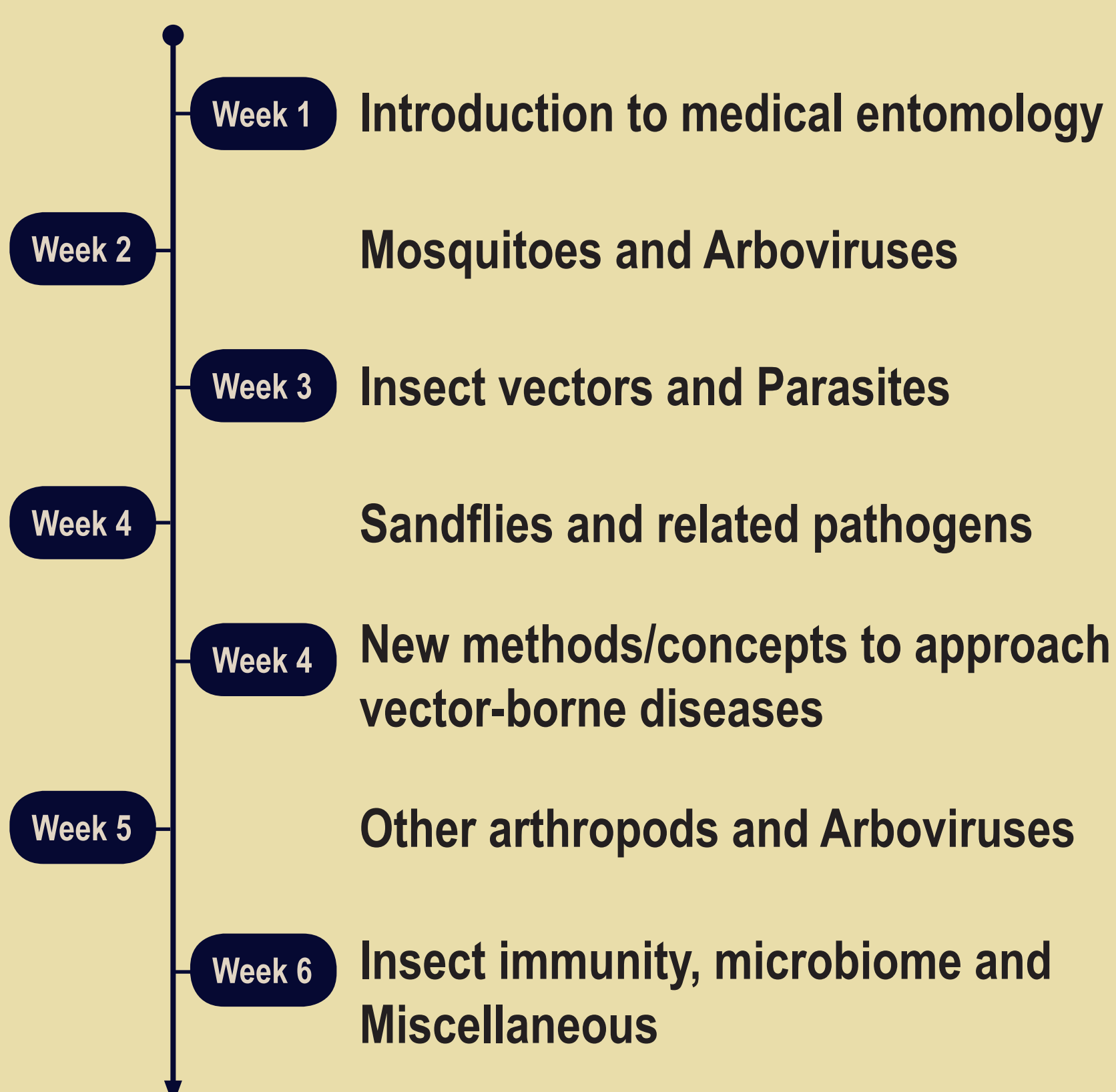
> Each week, **Multiple Choice Questions** (MCQs) allow the learners to reassess their learning

> A **forum** is dedicated to the learners to exchange opinions, experiences and questions

> The MOOC will be evaluated by **weekly tests**

> A **certificate** attesting successful completion of the course will be delivered

Programme



MOOC Team

MOOC's instructors:

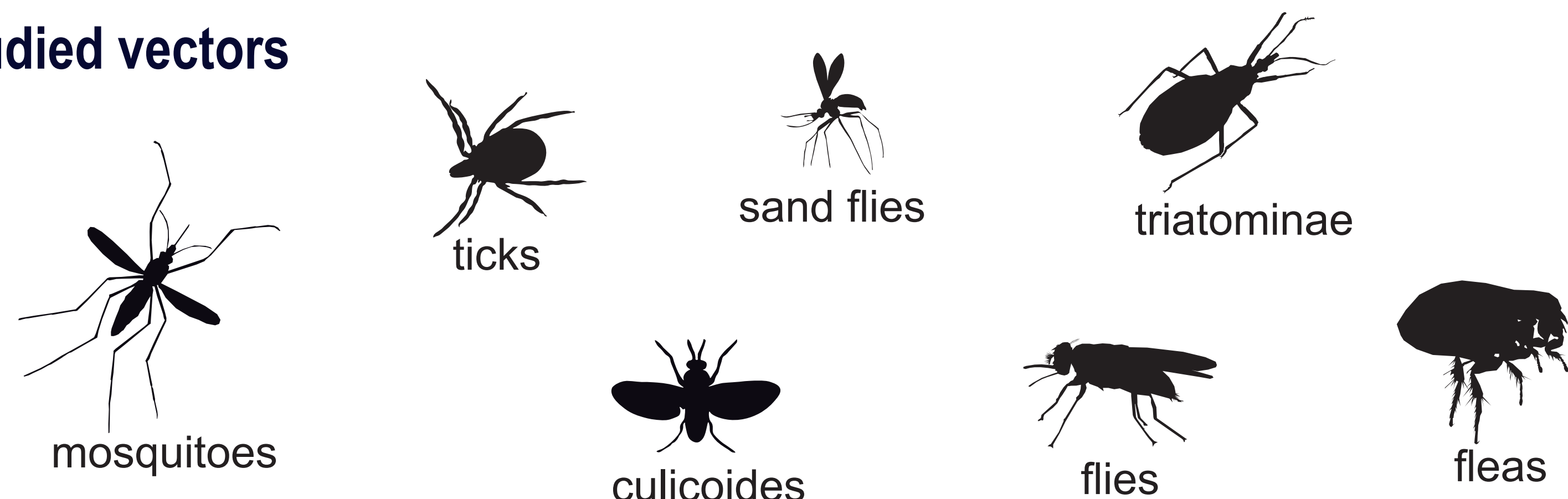
Anna-Bella FAILLOUX, Head of the Laboratory “Arboviruses and Insect Vectors”, Institut Pasteur

Vincent ROBERT, senior researcher, MIVEGEC unit, Institut de Recherche pour le Développement

Speakers:

Sarah BONNET (INRA), Sébastien BOYER (Institut Pasteur Madagascar), Nathalie BOULANGER (Univ. Strasbourg), Catherine BOURGOUIN (Institut Pasteur), Simon CAUCHEMEZ (Institut Pasteur), Rémi CHARREL (Univ. Aix Marseille), Véronique CHEVALIER (IRD), Marc COOSEMANS (Institute of Tropical Medicine), Jean-Philippe DAVID (CNRS), Xavier DE LAMBALLERIE (Univ. Aix Marseille), Jérôme DEPAQUIT (Univ. Reims), Mawlouth DIALLO (Institut Pasteur Dakar), Gérard DUVALLET (Univ. Montpellier), Florence FOUQUE (WHO), Clarie GARROS (CIRAD), Nabil HADDAD (Lebanese Univ.), Aleksandra IGNJATOVIC CUPINA (Univ. Novi Sad), Louis LAMBRECHTS (Institut Pasteur), Claudio LAZZARI (IRBI), Ricardo LOURENCO-DE-OLIVEIRA (IOC), Karen MCCOY (CNRS), Brice ROTUREAU (Institut Pasteur), Carla SALEH (Institut Pasteur), Frédéric SIMARD (IRD), Claire VALIENTE-MORO (Univ. Lyon1), Marie VAZEILLE (Institut Pasteur), Marco VIGNUZZI (Institut Pasteur), Hervé ZELLER (ECDC)

Studied vectors



Subscription: from September 21, 2016

Start on January 9, 2016

Duration: 6 weeks

Estimated effort: 4 hours/week

Certificates available

Graduate level

French & English subtitles

6

weeks

35

videos

31

speakers

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