

2017 WeObservatory List of Selected MOOCs on Vaccinology

English



VACCINOLOGY

Topic	Course	Description	Organization	Instructor	Duration	Start date	Time require	Language	Certificate	Link	Site
Health / Global health / Immunology / Vaccines	Vaccinology	The objective of this course is to offer an integrated overview of vaccinology, from public health and scientific data justifying the development of a vaccine, to its delivery to the populations in the context of industrialized and developing countries. Dedicated to candidates with a medical or scientific background who are interested in all aspects of vaccinology: medical and public health students, scientific Master II and PhD students (Immunology, Microbiology), physicians, pharmacists, veterinarians and other health professionals. The MOOC is composed of 31 lectures presenting historical aspects of vaccines, immunology and design of vaccines, basic principles of preclinical and clinical development, an update of vaccine development for the major infectious diseases, and the future challenges of vaccinology.	CNAM	Armelle Phalipon & Frederic Tangy	6 weeks	05/12/16 (registration deadline: 21/01/17)	2-3 hours of work / week	English with French subtitles		https://www.fun-mooc.fr/courses/pasteur/96002502/session02/about	France Université Numérique (FUN)
Health / Children's health / Immunology	Immunization Essentials	In this course, discover basic concepts of immunity, vaccination, vaccine-preventable diseases, and the global effort to immunize all children. In addition to providing a range of tools and resources for immunization program personnel, authors also present a case study on strengthening routine immunization coverage in Madagascar.	4Health and The DHS Program	Angela Weaver, Youssef Tawfik & Rebecca Fields	2 hours	On demand	Self-paced online course	English		https://www.globalhealthlearning.org/course/immunization-essentials	USAID
Health / Microbes / Antibiotic Resistance	Antimicrobial Resistance (Part 2)	This course explains the major factors that contribute to the development and spread of AMR and the interventions available to address these factors. This course also discusses antimicrobials and vaccine development, the impact of globalization and societal shifts on AMR, and international strategies for containing AMR.	Sana, Partners in Health & Institute for Healthcare Improvement (IHI)	Mohan P. Joshi & Malaika Ludman	3 hours	Course took place but lecture materials are available online	Self-paced online course	English		https://www.globalhealthlearning.org/course/antimicrobial-resistance-part-2	USAID

Français

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Santé / Santé mondiale / Maladies infectieuses / Epidémie	Vaccinology	L'objectif de ce cours est d'offrir une vision intégrée de la vaccinologie, allant de la santé publique et des données scientifiques qui justifient le développement d'un vaccin, jusqu'à sa distribution aux populations dans le contexte des pays industrialisés et en développement. Destiné aux personnes ayant une formation médicale ou scientifique qui s'intéressent à tous les aspects de la vaccinologie: étudiants en médecine et en santé publique, Masters scientifiques et doctorants (immunologie, microbiologie), médecins, pharmaciens, vétérinaires et autres professionnels de santé. Le MOOC est composé de 31 séquences présentant les aspects historiques des vaccins, l'immunologie et la conception des vaccins, les principes de base du développement préclinique et clinique, une mise à jour du développement des vaccins pour les principales maladies infectieuses, et les futurs défis de la vaccinologie.	CNAM	Armelle Phalipon & Frederic Tangy	6 semaines	05/12/16 (fin inscription: 21/01/2017)	2.5 heures de travail / semaine	Anglais avec surtitres en Français	Certificat vérifié	https://www.fun-mooc.fr/courses/pasteur/96002502/session02/about	France Université Numérique (FUN)