

INSTITUT PASTEUR - EDUCATION CENTER

Program Course 2025-2026

Pandemics: Origin and response

Institut Pasteur, Paris, January 19 - 30, 2026
Arnaud Fontanet, Leo Poon & Javier Pizarro Cerda

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INSTITUT
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PROGRAM 2025-2026

Pasteur Course PANDEMICS : Origin and response

January 19 to January 30, 2026

Education center

Classroom 2-3, building 10

Directors of the course

Arnaud FONTANET

Institut Pasteur – Paris

Javier PIZARRO-CERDA

Institut Pasteur – Paris

Leo POON

Hong Kong University

Lien unique de connexion ZOOM 

Participer à la réunion Zoom

FIRST WEEK

Monday 19 January

09:00 - 10:30	One health concept	Thierry LE FRANCOIS (CIRAD, Paris)
11:00 - 12:30	Field perspective  Visio	Supaporn WACHARAPLUESADEE (Chulalongkorn University, Thailand)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Emerging Infectious Diseases : History	Arnaud FONTANET (Institut Pasteur, Paris)
16:00 - 17:30	Emerging Infectious Diseases : Origin & spread	Arnaud FONTANET (Institut Pasteur, Paris)

Tuesday 20 January

09:00 - 10:30	The role of diagnostic laboratories in pandemic times	Jean-Claude MANUGUERRA (Institut Pasteur, Paris)
11:00 - 12:30	Field perspective  Visio	Gary WONG (Institut Pasteur, Laos)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	The power of surveillance in pandemic prevention	Michael CASERA (Institut Pasteur, Paris)
16:00 - 17:30	Field perspective  Visio	Ailou BARRY (Institut Pasteur, Dakar)

Wednesday 21 January

09:00 - 10:30	New approaches to pathogen discovery	Nolwenn DHEILLY (Institut Pasteur, Paris)
11:00 - 12:30	Field perspective  Visio	Leo POON (Hong Kong University, Hong Kong)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Phylodynamics analyses in pandemic times	Sébastien DUCHENE GARZON (Institut Pasteur, Paris)
16:00 - 17:30	Wastewater surveillance	Vincent MARECHAL (SU, Paris)

Thursday 22 January

09:00 - 10:30	Flu pandemics	Nadia NAFFAKH (Institut Pasteur, Paris)
11:00 - 2h30	Field perspective: H5N1 in South-East Asia  Visio	Erik KARLSSON (Institut Pasteur, Cambodia)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Epidemic modelling	Simon CAUCHEMEZ (Institut Pasteur, Paris)
16:00 - 17:30	Tracking and tackling epidemics with spatial analysis	Juliette PAIREAU (Institut Pasteur, Paris)

Friday 23 January

09:00 - 10:30	Serological surveillance of infectious diseases	Michael WHITE (Institut Pasteur, Paris)
11:00 - 12:30	<i>Aedes</i> mosquitoes and arboviruses	Anna-Bella FAILLOUX (Institut Pasteur, Paris)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Field perspective: the Amazonian Basin  Visio	Jean-Bernard DUCHEMIN (Institut Pasteur, Guyane)
16:00 - 17:30	Field perspective: Dengue in Costa Rica  Visio	Adriana TROYO (University of Costa Rica)
17:30 - 18:00	Evaluation of first-week lectures	

SECOND WEEK

Monday 26 January

09:00 - 10:30	Ebola	Hilde de CLERCK (MSF-B, Belgique)
11:00 - 12:30	Field perspective	(A compléter)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Anthropological investigations	Tamara GILES-VERNICK (Institut Pasteur, Paris)
16:00 - 17:30	Field perspective  Visio	Khoudia SOW (CRCF, Sénégal)

Tuesday 27 January

09:00 - 10:30	Plague in silico, in vitro and ex vivo models	Javier PIZARRO-CERDA (Institut Pasteur, Paris)
11:00 - 12:30	Field perspective	Minoarisoa RAJERISON (Institut Pasteur, Madagascar)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Therapeutic research in the context of a pandemic: What are the issues? How best to respond?	Xavier LESCURE (APHP/UPC, Paris)
16:00 - 17:30	Vaccines	Odile LAUNAY (APHP/UPC, Paris)

Wednesday 28 January

09:00 - 10:30	Cholera	François-Xavier WEILL (Institut Pasteur, Paris)
11:00 - 12:30	Field perspective	Michael CASERA (Institut Pasteur, Paris) Flavio FINGER (Epicentre, Paris)
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Why antimicrobial resistance is a silent global pandemic ?	Jean-Yves MADEC (ANSES, Lyon)
16:00 - 17:30	Field perspective	David SPEKSNIJDER, D.C. (Universiteit d'Utrecht, Pays-bas)

Thursday 29 January

09:00 - 10:30	Covid-19 : The perfect storm	Arnaud FONTANET (Institut Pasteur, Paris)
11:00 - 12:30	Covid-19 : The Asian experience	Leo POON (Hong Kong University)
12:30 - 12:40	Group picture	
12:30 - 14:00	LUNCH BREAK	
14:00 - 15:30	Covid-19 : Lessons learned	Arnaud FONTANET (Institut Pasteur, Paris)
16:00 - 17:30	Covid-19 : The contribution of medical databases	Mahmoud ZUREIK (Epiphare / ANSM, Paris)

Friday 30 January

09:00 - 10:30	Mpox	Antoine GESSAIN (Institut Pasteur, Paris)
11:00 - 12:30	Field perspective  Visio	Delia DJUICY (Centre Pasteur du Cameroun)
12:30 - 14:00	LUNCH BREAK	
14:00 - 17:30	Examination : Case study on pathogen X	Arnaud FONTANET Javier PIZARRO-CERDA (Institut Pasteur, Paris)
17:30 - 18:00	Evaluation of second-week lectures	