

PTR 2017 - Selected projects

PTR N°	ACRONYM	TITLE	COORDINATOR	TEAM N°	SCIENTISTS	DEPARTMENT	PARTICIPATING INSTITUTES
3	Nicobinder	Toxins and nanobodies as subtype-specific ligands and allosteric modulators of nicotinic acetylcholine receptors.	CORRINGER Pierre-Jean	Team 1 Team 2 Team 3 Team 4	P.J. Corringer R. Benkhalifa P. Lafaye U. Maskos	Neuroscience Structural Biology and Chemistry Neuroscience	IP Paris IP Tunis IP Paris IP Paris
24	HPUCO	Role of HP1/Cbx protein ubiquitination in chromatin organization	CENCI Giovanni	Team 1 Team 2	G. Cenci C. Muchardt	Developmental and Stem Cell Biology	IP Roma IP Paris
30	GlobE Evolution	Global diversity, genomic epidemiology and pathogen evolution of <i>Leptospira</i> spp.	PICARDEAU Mathieu	Team 1 Team 2 Team 3 Team 4 Team 5 Team 6	M. Picardeau F. Veyrier C. Goarant N. Tokarevich A. Buschiazzo A. Korba	Microbiology	IP Paris INRS - Institut Armand Frappier (Canada) IP New Caledonia IP Saint Petersburg IP Montevideo IP Algeria
52	TB-LAV/LV-VAC	Anti-tuberculosis vaccination using new generation live attenuated vaccines and lentiviral vectors encoding stage-specific mycobacterial antigens: prophylactic and therapeutic approaches	ROMANO Marta	Team 1 Team 2 Team 3	M. Romano L. Majlessi P. Charneau	Genomes and Genetics Virology	Scientific Institute of Public Health (Brussels, Belgium) IP Paris IP Paris
66	LEPTOPHAGO	Role of Toll-Like and Nod-Like Receptors in the activation and functions of phagocytes infected with pathogenic <i>Leptospira</i> .	WERTS Catherine	Team 1 Team 2 Team 3	C. Werts M. Matsui J. Quintin	Microbiology Mycology	IP Paris IP New Caledonia IP Paris
73	TransNickel	Structure, function and evolution of transport systems of nickel, an essential virulence determinant of the bacterial pathogen <i>Helicobacter pylori</i>	CALMETTES Charles	Team 1 Team 2 Team 3	C. Calmettes H. De Reuse F. Veyrier	Microbiology	INRS - Institut Armand Frappier (Canada) IP Paris INRS - Institut Armand Frappier (Canada)
91	Mitica	Investigation of the possible transmission of a dysbiotic microbiota from mothers to their offspring in the context of chronic malnutrition and environmental enteropathy.	SANSONETTI Philippe	Team 1 Team 2 Team 3 Team 4	P. Sansonetti S.G. Djorie T. Giles-Vernick S. Kennedy	Cell Biology and Infection Infection and Epidemiology Genomes and Genetics	IP Paris IP Bangui IP Paris IP Paris
98	NanoFluidic	High throughput selection of nanobodies by droplet based microfluidics	LAFAYE Pierre	Team 1 Team 2 Team 3	P. Lafaye P. Bruhns O. Pritsch	Structural Biology and Chemistry Immunology	IP Paris IP Paris IP Montevideo
111	RejuvenAge	Mechanisms driving normal and accelerated ageing	TAJBAKSHH Shahragim	Team 1 Team 2 Team 3	S. Tajbakshh H. Yacoub M. Ricchetti	Developmental and Stem Cell Biology Developmental and Stem Cell Biology	IP Paris IP Tunis IP Paris
113	ILC-INF-CRC	Dissecting roles for diverse innate lymphoid cell subsets in colitis-induced colorectal cancer	SANTONI Angela	Team 1 Team 2	A. Santoni J. Di Santo	Immunology	IP Roma IP Paris

Waiting list

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109	CapToTryp	Development of molecular tools to investigate the trypanosomatid translational machinery and its potential as target for novel inhibitors	POCHET Sylvie	Team 1 Team 2	S. Pochet N. Zanchin	Structural Biology and Chemistry	IP Paris FIOCRUZ, (Brazil)
31	APEFEVER	Integrating anthropology and primate ecology into entomological and virological investigations of yellow fever emergence: A One Health approach	GILES-VERNICK Tamara	Team 1 Team 2 Team 3	T. Giles-Vernick O. Faye M. Diallo	Infection and Epidemiology	IP Paris IP Dakar IP Dakar