

Curriculum vitae

NAME Jean-Pierre Gorvel	POSITION TITLE
Research Title: Immunology and Cell Biology of Host cell – pathogens interactions	Director of Research 1° Class, CNRS Group leader CIML Deputy-director IFR137 Immunology and Cancerology

EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE (if applicable)	YEAR(s)	FIELD OF STUDY
Universite de la Mediterranee, France	Master	1976	Biochemistry
Universite de la Mediterranee, France	DEA	1977	Cell & Molecular Biology
Universite de la Mediterranee, France	Ph.D.	1982	Cell Biology
EMBL, Heidelberg, Germany	Post-Doc	1989-1991	Cell Biology
Aventis-Pasteur Ltd., Toronto, Canada	Senior Scientist	2001-2002	Infectious Diseases

A. Positions and Honors.

PROFESSIONAL EXPERIENCE:

- 1983-1989 Research scientist (CNRS) at the Centre de Biochimie et de Biologie Moléculaire CNRS, Marseille
- 1992-now Senior Researcher (CNRS) at Centre d'Immunologie, Marseille (Ciml). Group Leader, Immunology and cell biology of bacteria-host cell interactions.
- 2002: Member of the Biodefense committee at Aventis Pasteur, Ltd., Toronto, Canada
- 2003 President of the Scientific Council of Institutional research grants (Ministry of Research, France), speciality: Microbiology
- 2003-2007 Appointed by INSERM as a Member of the National Committee for Research Evaluation (section Microbiology).
- 2004-now Appointed (January 1, 2004) co-director of a federation of 4 Institutes and 1 hospital specialized in Cancer, Infectious diseases and Immunology (IFR57).
- 2004-2007. Director of a panel of 10 laboratories and 5 start-ups specialized in Biodefense. This consortium is identified as n°GDR2824 title: Research in virulence factors and in biodefense.
- 2006-2008 Director of CIML (Centre d'Immunologie de Marseille-Luminy).
- 2007-2009 Executive director of the Foundation FINOVI: Innovation in infectiology, Lyon.

AWARDS:

- 1982 Award from The Société française de chimie biologique (Dina-Surdin's prize).
- 1987 Award from The Fondation pour la recherche médicale (Cell Biology).
- 1993 Award from The Société pour la recherche sur le cancer FEGGEFLU
- Member of the scientific committee of the BSL-4 facility located in Lyon, France.
- Member of the NIH evaluation panel (since Feb 2004) roster N°ZRG1 IDM-A 90
- Member of the R&D Expert group on Countering the Effects of Biological and Chemical Terrorism at European Union.
- Member of the Directorate of Emerging Diseases, Ministry of Health and Ministry of Research, France
- 2007 Award from the French Academy of Sciences: Charles Louis de Saulces de Freycinet award.
- 2010 Award from the Fondation pour la recherche Médicale: Jacques Piraud award.

CONSULTING SINCE 2001

- Consultant for the Biotech IMUVAIR, 2005, expertise in Microbiology
- Member of the Scientific Council of the Biotech ACE BioSciences, Denmark 2004-2005

Member of the Scientific Advisory board of the Institute for Molecular and cell Biology, Porto, Portugal since 2006

Member of the Scientific Advisory board of the Max Planck for Infection Biology, Berlin, Germany since 2006

Member of the Scientific Advisory board of the International Center for advances in respiratory Medicine, Spain since 2006.

Member of the Scientific Advisory board of the Baylor Institute of Immunology Research, Dallas, USA since 2009.

Member of the of the Scientific Council of the Biotech ACE Aleorve, France since 2009

EDITORIAL/ADVISORY BOARD ACTIVITIES

Chief-Editor of Microbial pathogenesis: starting 2006 December 1st

Editorial board of Cellular Microbiology

Reviewer for:

Cell, Nature, Nature Cell Biology, Nature Immunology, Science, New England Journal of Medicine, J.

Immunology, Cell Microbiology, Mol Microbiology, EMBO Journal, Infection & Immunity, Vaccine, Eur Journal

of Immunology, J. Cell Science, PLOS pathogens, J. Exp.Med, PNAS.

SELECTED PEER-REVIEWED PUBLICATIONS

Gorvel JP, Chavrier P, Zerial M and Gruenberg J. Rab 5 controls early endosome fusion in vitro. Cell. 1991. 64:915-925.

Chavrier P, Gorvel JP, Stelzer E, Simons K, Gruenberg J and Zerial M. Nature. 1991. 353:769-772.

Wu Q, Li L, Cooper M., Pierres M and Gorvel JP. Aminopeptidase A activity of the murine B lymphocyte differentiation antigen BP-1/3C3. Proc. Natl. Acad. Sci. USA. 1991. 88:676-680.

Steele-Mortimer O, Clague MJ, Huber L, Chavrier P, Gruenberg J and Gorvel JP. The N-terminal of a Rab protein is involved in membrane-membrane recognition and/or fusion. 1994. EMBO.J. 13:34-41.

Beatty WL, Méresse S, Gounon P, Davoust J, Sansonetti P and Gorvel JP. Trafficking of apically internalized LPS in polarized intestinal epithelial cells. 1999 J. Cell Biol. 145, 689-698.

Méresse S, Steele-Mortimer O, Finlay B and Gorvel JP. The Rab7 GTPase controls the maturation of Salmonella typhimurium-containing vacuoles in HeLa cells. 1999 EMBO J. 18, 4394-4403.

Celli, J., de Chastellier C., Franchini D.-M, Pizarro-Cerda J., Moreno E. and Gorvel. J.P. *Brucella* evades macrophage killing via VirB-dependent sustained interactions with the endoplasmic reticulum. Journal Experimental Medicine 2003 198:545-556.

Arellano-Reynoso B, Lapaque N, Salcedo S, Briones G, Ciocchini AE, Ugalde R, Moreno E, Moriyon I, Gorvel JP. Cyclic beta-1,2-glucan is a brucella virulence factor required for intracellular survival. Nat Immunol. 2005 (6):618-625.

Boucrot E, Henry T, Borg JP, Gorvel JP, Meresse S. The intracellular fate of Salmonella depends on the recruitment of kinesin. Science. 2005 308(5725):1174-8.

Roy CR, Salcedo SP, Gorvel JP. Pathogen-endoplasmic-reticulum interactions: in through the out door. Nat Rev Immunol. 2006 Feb;6(2):136-47.

Salcedo et al., Brucella control of dendritic cell maturation is dependent on the Btp1 protein. PLoS Pathog. 2008 Feb 8;4(2):e21.

Fugier E, Salcedo SP, de Chastellier C, Pophillat M, Muller A, Arce-Gorvel V, Fourquet P, Gorvel JP. The glyceraldehyde-3-phosphate dehydrogenase and the small GTPase Rab 2 are crucial for Brucella replication. PLoS Pathog. 2009 Jun;5(6):e1000487. Epub 2009 Jun 26.

Lelouard H, Henri S, de Bovis B, Mugnier B, Chollat-Namy A, Malissen B, Méresse S, Gorvel JP. Pathogenic bacteria and dead cells are internalized by a unique subset of Peyer's Patch dendritic cells that express lysozyme. Gastroenterology. 2010 Jan;138(1):173-84.e1-3.

Diacovich and Gorvel, Nat. Rev. Microbiol., Bacterial manipulation of innate immunity to promote infection. Nat Rev Microbiol, 2010 Feb;8(2):117-28.
