

## Short CV: Bernard Malissen

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### **Current Position**

Team leader at Centre d'Immunologie de Marseille Luminy (<http://www.ciml.univ-mrs.fr/science/lab-bernard-marie-malissen/home>)

Director of Centre d'Immunophénomique (<http://ciphe.marseille.inserm.fr/en/>)

### **Biosketch**

Bernard Malissen is the Founder and Director of Centre for Immunophenomics and team leader at Centre d'Immunologie de Marseille Luminy (CIML). He has directed CIML from 1955 to 2005. He is a member of the French Academy of Sciences, an Honorary Member of the American Association of Immunologists and a Fellow of the European Research Council. He is the President of the Scientific Advisory Board of Innate Pharma and member of the Board of the Riken Center for Medical Integrative Science (Yokohama, Japan). After receiving his training in Immunology at CIML under the supervision of Claude Mawas and François Kourilsky, he spent two years as a Visiting Associate in the laboratory of Leroy Hood at the California Institute of Technology (Caltech), and then became a team leader at CIML. He pioneered in the eighties the use of gene transfer approaches to dissect the function of molecules involved in T cell function (MHC and TCR). In the late eighties, the possibility to edit the mouse genome "à la carte" led him to develop innovative mouse models allowing to tackle the function of T cells and dendritic cells in their physiological context. To make sense of the formidable complexity of the signal transduction networks involved in T cell activation and DC biology, he is presently combining high-throughput "omic" approaches that simultaneously measure large numbers of parameters and genetic screens designed to further the understanding of T cell function under normal and pathological conditions. He published over 350 scientific papers and has an h-factor of 83. He also promoted and conducted the construction of the new CIML building ("CIML 2000"; 5000 m<sup>2</sup>), of the CIML and inter-IFR mouse houses (2000 m<sup>2</sup>) and of CIPHE (4000 m<sup>2</sup>).

He exerts editorial advisory functions for The Journal Experimental Medicine, The EMBO Journal, Embo Reports and Immunity. Bernard Malissen has received several awards, including the "Medaille d'Argent du CNRS" and the "Grand Prix de l'INSERM". He was elected to the EMBO in 1999 and to the French Academy of Sciences in 2003. He is an honorary Member of the American Association of Immunologists (1996).