

Marina Cavazzana
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MARINA CAVAZZANA is a pediatrician, Professor of Hematology since 2000, Director of the Department of Biotherapy at Necker Hospital, Paris Descartes University. She is the Director of the Inserm / Assistance Publique - Hôpitaux de Paris GHU Ouest Biotherapy Clinical Investigation Center and leads the research “Human lymphohematopoiesis” Laboratory at *Imagine* Institute.

Her main research and clinical interests are the development of the hematopoietic immune system, and cell and gene therapy for inherited and acquired disease of the hematopoietic system. Her group studies the means to improve the clinical results of hematopoietic stem cell transplantation, crossing HLA-barriers, and the differentiation of mouse and human stem cells towards lymphocyte lineages. She has initiated several clinical trials based on the use of *ex vivo* gene modified hematopoietic stem cells to treat patients with inherited disorders, the preliminary clinical results of which are encouraging. She is the author or co-author of one patent and of more than 270 publications in peer-reviewed journals and was awarded 2 ERC (2011 and 2016).

She has been involved in several Scientific Societies described below:

Member of Editorial Board of International Journals

- Specialty Chief Editor of Innovative Therapies of Frontiers in Medicine (2016- Present)
- Member to the Editorial Board of the journal Regenerative Engineering and Translational Medicine (2015-Present)
- Member of the Editorial board of the journal Primary Immunodeficiencies (2015-Present)
- Member of the Editorial Board of the journal Cell and Gene Therapy Insights (2015-Present)
- Member of the Committee of Encyclopedia of Immunology 3rd Edition (2014)
- Member of the Editorial Board of the journal Molecular and Cellular Pediatrics (2013-Present)
- Member of the Editorial Board of Stem Cells Translational Medicine (2011-Present)
- Blood Editorial Board Invited Member (2008-2012)

Membership in the Scientific Societies and Scientific Responsibilities

- American Society of Hematology
 - American Society of Hematology (1996-Present)
 - Member of the Scientific Committee of the American Society of Hematology (ASH) at the 56th Annual Meeting (2014-2015)
 - Vice Chair of the Scientific Committee on Blood Disorders in Childhood of the American Society of Hematology (ASH) (2016)
- American Society for Gene and Cell Therapy (ASCGT)
 - American Society of Gene Therapy (1996-Present)

- Member of the Board of Directors of the American Society for Gene and Cell Therapy (ASGCT) (2011-2014)
 - Member of the American Society of Gene & Cell Therapy (ASGCT) Advisory Council (2015-Present)
- European Research Council (ERC)
 - Member of the Consolidator Grant Panel LS7C “Diagnostic Tools, Therapies and Public Health” for the European Research Council (ERC) (2013)
 - Lead reviewer for European Research Council Consolidator Grants Evaluation (ERC-2015-CoG) Panel LS7: 101 (2015)
- Member of UNAIDS Scientific Expert Panel (2013-Present)
- Member of the Scientific Committee of the Cansearch Foundation (2012-Present)
- Invited Member of the Andalusian Initiative for Advanced Therapies (AIATA) Education Advisory Board (2011)
- Member of the Scientific Board of the European CONSERT Advanced Course Symposium and Practical Training on “Lentiviral vectors: concepts, practice, hope and reality”; Chairwoman of the 2008 Course (2008)
- Member of the International Society for Stem Cell Research Ethics Committee (2008-2010)
- Member of the American Society of Gene Therapy Hematopoietic Committee & of the Ethics Committee (2006-2008)
- Inborn Errors Working Party Chairwoman & European Society for Blood and Marrow Transplantation (EBMT) Group Scientific Council Member (2001-2008)
- Member of the Transatlantic Gene Therapy Consortium (2000-2005)
- Member of the European Society for Gene & Cell Therapy (1999-Present)
- Member of the International Society for Hemotherapy and Graft Engineering (1995-2000)
- Member of the Pediatric Hematology and Immunology Society (1993-Present)