



Curriculum Vitae Professor Dr Leticia Quintanilla-Martinez de Fend



Image: Ale Zea

Name: Leticia Quintanilla-Martinez de Fend

Born: 30 October 1959

Research Priorities: Pathogenesis and classification of lymphomas, Epstein-Barr virus-associated lymphoproliferations, B- and T-cells lymphomas.

Leticia Quintanilla-Martinez de Fend is a pathologist. She is involved with the classification as well as the genetic and pathological characterisation of malignant lymphomas and other diseases that show uncontrolled cell proliferation of the lymphatic system. Especially lymphoproliferations that are associated with Epstein-Barr virus infections are her focus. The understanding of these diseases and their early diagnosis contributes to a better therapy and improvement of their prognosis.

Academic and Professional Career

- since 2008 Associate Professor of Pathology, Eberhard Karls Universität Tübingen, Tübingen, Germany
- 2000 - 2008 Research Associate, Institute for Pathology, Helmholtz Zentrum München, Munich Germany
- 2000 Habilitation in Pathology, Universität Innsbruck, Innsbruck, Austria
- 1997 - 1999 Research Fellow, National Cancer Institute, National Institutes of Health, Bethesda, USA
- 1992 - 1995 Senior Physician, Instituto Nacional de Ciencias y de la Nutricion, Mexico City, Mexico
- 1992 - 1995 Scientist, Instituto Nacional de Ciencias y de la Nutricion, Mexico City, Mexico
- 1991 - 1992 Clinical Fellow, Massachusetts General Hospital, Harvard Medical School, Boston, USA
- 1990 - 1991 Clinical Fellow, Minneapolis University Hospital, Minneapolis, USA
- 1987 - 1990 Residency, Pathology, Instituto Nacional de Ciencias y de la Nutricion, Mexico City, Mexico

- 1985 - 1987 Residency, Internal Medicine, Instituto Nacional de Ciencias y de la Nutricion, Mexico City, Mexico
- 1978 - 1984 Studies in Medicine, Universidad Nacional Autonoma de Mexico, Mexico City, Mexico

Functions in Scientific Societies and Committees

- 2020 - 2022 President, European Association for Haematopathology (EA4HP)
- 2021 Member, Clinical Advisory Committee (CAC), International consensus classification of lymphoid and myeloid neoplasms
- 2020 Member, Scientific Advisory Board, American Society of Hematology (ASH), USA
- 2016 - 2023 Member, Executive Committee, Mantle Cell Lymphoma Consortium and Initiative, Lymphoma Research Foundation (LRF), New York City, USA
- 2016 - 2020 Member, Scientific Committee, European School of Medicine (ESMO)
- 2016 Member, Scientific Committee, International Conference in Malignant Lymphoma (ICML)
- 2014 Member, Advisory Group, 4th edition of the WHO classification of Lymphomas, World Health Organization (WHO)
- since 2013 Member, International Lymphoma Study Group (ILSG)
- 2012 - 2018 Representative of the EA4HP, Society for Hematopathology, USA
- 2010 - 2018 Scientific Secretary, EA4HP

Project Coordination and Membership in Collaborative Research Projects

- 2019 Principal Investigator, Clusters of Excellence (EXC) 2180 "Image-Guided and Functionally Instructed Tumor Therapies", German Research Council (DFG), Germany
- 2009 -2017 Head, Subproject "The regulation and biological function of C/EBP β overexpression in ALK+ anaplastic large cell lymphoma", Collaborative Research Centres (SFB) 685, DFG, Germany

Honors and Awarded Memberships (Selection)

- since 2023 Member, German National Academy of Science Leopoldina, Germany
- 1997 - 1999 Fogarty Award, National Institutes of Health, Bethesda, USA
- 1997 Charlotte-Bühler-Habilitationsstipendium, Federal Ministry of Education, Science and Research and Austrian Science Found (FWF), Austria

Research Priorities

Leticia Quintanilla-Martinez de Fend a pathologist. She is actively involved with the classification as well as the genetic and pathological characterisation of malignant lymphomas and other diseases that show uncontrolled cell proliferation of the lymphatic system. Especially lymphoproliferations that are associated with Epstein-Barr virus infections are her focus. The understanding of these diseases and their early diagnosis contributes to a better therapy and improvement of their prognosis.

The basis of Leticia Quintanilla-Martinez de Fend's research are morphological observations and molecular analyses of malignant lymphomas, to gain both a deeper understanding of their development and a more thorough classification. Malignant lymphomas are diseases of the lymphatic system characterized by a rapid and uncontrolled proliferation of lymphoid cells. Her interest is especially in those lymphoproliferations that are associated to the Epstein Barr virus (EBV). EBV infections are a worldwide medical problem as around 95% of the world's population are latently infected with the Epstein Barr virus. The research of Leticia Quintanilla-Martinez de Fend helped to describe the pathogenesis of Epstein-Barr virus-associated lymphoproliferations. These investigations also form the basis for the classification of EBV-positive lymphoproliferative diseases of immune cells during childhood and adulthood, which was made by the World Health Organisation (WHO).

A further interest of Leticia Quintanilla-Martinez de Fend are the genetic alterations in pediatric B-cell lymphomas. In a global cooperation, her team described the genetic alteration in recently discovered lymphoma subtypes. This contributed to a deeper understanding of these diseases and changed the treatment approach.

Leticia Quintanilla-Martinez de Fend is also involved in the establishment of standards in the pathology of mouse models.