

Professor Marie-Paule LEFRANC



Date of birth: 6 march 1943

Married, 5 children

Nationality: French

University diplomas

- 1963 Licence d'Enseignement in Natural Sciences, Biological Sciences, 1st class honours, University of LILLE, France
- 1965 Diplôme d'Etudes Supérieures in Natural Sciences, 1st class honours with distinction, University of LILLE, France
- 1966 CAPES of Natural Sciences theoretical, PARIS (1st in France)
- 1966 AGREGATION of Natural Sciences prepared at the Ecole Normale Supérieure, rue d'Ulm, PARIS
- 1977 PHARMACIEN d'ETAT (major in Biology), University of LILLE, France
- 1980 DOCTORAT of 3rd CYCLE in the pharmaceutical disciplines, 1st class honours with distinction and Congratulations of the Jury, Faculty of Pharmacy Université PARIS-SUD
- 1984 DOCTORAT d'ETAT ès-SCIENCES, 1st class honours with distinction and Congratulations of the Jury, Université MONTPELLIER II, France

Professional experience

1963-1968

- 1963-1964 Researcher at the Centre Technique Forestier Tropical (CTFT) at COTONOU (DAHOMÉY, now BENIN)
- 1964-1965 Lecturer at the Faculty of Pharmacy, Catholic University of LILLE, France, Academy of LILLE
- 1965-1966 Fellow at the Ecole Normale Supérieure, rue d'Ulm, PARIS, France
- 1966-1967 Graduate student and Fullbright fellow at the University of California, BERKELEY, US
- 1967-1968 Professor Agrégé in Natural Sciences, appointed with tenure to the Lycée d'Etat Fustel de Coulanges, STRASBOURG, France

1968-1975 at BEIRUT (Lebanon)

Professor Agrégé in Natural Sciences in the "Classes Préparatoires (SUP'C et SPE'C) à l'Institut National Agronomique de PARIS et aux Ecoles Nationales Supérieures Agronomiques (ENSA Françaises", BEIRUT Centre, depending from the French Embassy.

1976-1981 at MONASTIR (Tunisia)

Lecturer in Biochemistry at the Faculty of Pharmacy, MONASTIR, founded in november 1975. Responsible for the creation of the Biochemistry Department and the Laboratory of Immunogenetics and Biochemistry.

1981 to date at MONTPELLIER (France)

- 1981-1984, Senior Lecturer 1st class in Biochemistry at the Université Montpellier II
- 1984-1985, EMBO fellow and secondment to the Medical Research Council at CAMBRIDGE (UK)
- 1985, Professor with tenure at the Université Montpellier II
- **Head of the Laboratoire d'ImmunoGénétique Moléculaire (CNRS, Université Montpellier II), since its creation in 1983**
- **Professor exceptional class, PRCE, Université Montpellier II, since 1993 (PRCE1 1993, PRCE2 1997)**
- **Coordinator of IMGT, the international ImMunoGeneTics information system®, <http://imgt.cines.fr>, she created in 1989, the global reference in immunogenetics and immunoinformatics**
- **Senior Member of the Institut Universitaire de France, Chair of Immunogenetics and Immunoinformatics, since 2002**

Prizes and awards

- 1988 ROSEN prize of Cancerology, by the Foundation for Medical Research
- 1988 Silver Medal of Paris
- 1994 Life Sciences Prize for "Innovation-Research-Enterprise" by the Association for Education and Research Development (ADER) 1994 for the K20 antibody humanization and expression in insect cell
- 1998 Knight in the order of the Academic Palms
- 2002 Senior Member of the Institut Universitaire de France
- 2003 Life Sciences Prize for "Innovation-Research-Enterprise" by the Association for Education and Research Development (ADER) for the implementation of IMGT/PRIMER-DB

Publications - Books - Communications - DEA - Theses- Patents

- 256** international publications (206 publications on MEDLINE) of which 3 *Nature*, 2 *Cell*, 3 *EMBO J.*, 2 *PNAS*, 13 *Eur. J. Immunol.*, 19 *Hum. Genet.*, 30 *Exp. Clin. Immunogen.*, 19 *Nucl. Acids Res.* (+ 17 reports RFLP et STS), *Genomics*, *J. Exp. Med.*, *International Immunology*, *Mol. Immunol.*, *Am. J. Hum. Genet.*, *J. Immunol.*, *J. Immunogenet.*, *Immunogenetics*, *FEBS Letters*, *Leukemia*, *Blood*, *Gene*, *Cytogenet. Cell Genet.*, *Mol. Biol. Med.*, *Hum. Molec. Genet.*, *Bioinformatics*.
- 25** chapters of books of which the chapters "*T cell receptors*" in *Encyclopedia of Molecular Biology* (1994), "*Consanguinity*" in *Encyclopedia of Genetics* (Eds S. Brenner and J H. Miller, Academic Press, 2001).
- 1** Book as Editor: *Ingénierie des anticorps. Banques combinatoires*, Editions INSERM/SFI,
2 1997
Books as Co-author: *The Immunoglobulin FactsBook*, Academic Press, 2001
The T cell Receptor FactsBook, Academic Press, 2001.
- 344** Communications; **212** invited conferences (Europe, USA, Canada, China, Japan, Singapore)
- 18** DEA (since 1983)
- 19** PhD theses (since 1983) of which 9 in bioinformatics
- 2** patents

Editorial Boards

- Associate editor-Editorial Board of "*Exp. Clin. Immunogenet.*", Karger (1990 - 2001)
- Advisory editor of "*Molecular Immunology*", Pergamon Press (since 1991)
- Associate editor-Editorial Board of "*Research in Immunology*", Elsevier (1992 - 1996)
- Associate editor-Editorial Board of "*Immunogenetics*", Springer (since 1997)
- Associate editor-Editorial Board of "*Immunome Research*", BioMed Central (since 2005)
- IMGT Locus in Focus Section Editor of "*Dev. Comp. Immunol.*", Pergamon Elsevier (since 2003)
- Specialist advisor to Genome Database (GDB), Swiss-Prot, LocusLink (NCBI, USA), Human Genome Organization (HUGO) Nomenclature committee (HGNC) (since 1996)

Evaluation committees

- International Science Foundation (ISF), Washington, USA (1994)
- National Science Foundation (NSF), Washington, USA (1994)
- International Human Frontier Science Program Organization (HPSP), Strasbourg, France (1994)
- BIOTECHNOLOGY Programme of the European Community (EC), Brussels, Belgium
- Evaluation Committee - Orientation of the Scientific Co-operation with Chile, Mexico and Uruguay (ECOS), Paris, France
- Programme BIOMED 2 of the European Community (EC), Brussels, Belgium (1995)
- Medical Research Council (MRC), Canada (1996), UK (2004)
- The Wellcome Trust, London, UK (1996,1998, 2005)
- United States - Israel Binational Science Foundation (BSF), Israel (1997)
- Swiss National Funds of the Scientific Research, Switzerland (1997)
- Biotechnology and Biological Sciences Research Council (BBSRC), Swindon, UK (1998)
- 5th PCRDT Programme of the European Community (EC), Brussels, Belgium (2001)

Reading panels - Scientific societies

- Member of more than thirty review committees for international journals (*Am. J. Hum. Genet.*, *Applied Bioinformatics*, *Bioinformatics*, *Blood*, *EMBO J.*, *Genomics*, *Hum. Genet.*, *Immunogenetics*, *J. Immunol.*, *PNAS*, and many others...)
- Member of National Scientific Societies (ASSIM, SFG, SFI, SFH, SFBBM) and International Scientific Societies (AAAS, ASHG, ESHG, HUGO)