

CURRICULUM VITAE

Serge Pérez

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EDUCATION

1978 : D.Sc., University of Grenoble, France.
1973 : Doctorat, University of Bordeaux, France.
1971 : Master in Physics, University of Bordeaux, France.

EXPERIENCE AND POSITIONS HELD

2007 - : Senior Research Scientist, CNRS
1996-2006 : Director, Centre de Recherches sur les Macromolécules Végétales,
Centre National de la Recherche Scientifique, Grenoble, France
1987-1995 : Senior Research Scientist (Director of Research), Institut National de la
Recherche Agronomique, Nantes, France.
1984-1987 : Research Scientist, Centre National de la Recherche Scientifique, Grenoble,
France.
1983-1984 : Visiting Scientist, Department of Chemistry, Research Laboratory, Eastman
Kodak, Rochester, N.Y., U.S.A.
1977-1983 : Junior Research Scientist, Centre National de la Recherche Scientifique,
Grenoble, France.
1974-1977 : Research Associate, Department of Chemistry, University of Montreal,
P. Québec, Canada.
1973-1974 : Research Associate, Institute of Molecular Biology, University of Oregon,
Eugene, Ore., U.S.A.

OTHER.....:

Member of the French **National Committee for Scientific Research** (2000-2008).
Elected national representative to the European Carbohydrate Organisation. (1995-99;
2000-2003)
Elected chairman of the French Molecular Graphics Society (1991-94).
Elected chairman of the French Carbohydrate Society (1993-95).
Member of 10 scientific societies.

SCIENTIFIC AREAS OF INTEREST:

Structural and conformational analysis of oligo, polysaccharides and
glycoconjugates in solution and in the solid state.
Molecular interactions (polysaccharides-polysaccharides, protein-carbohydrates,..
Crystallography, Molecular Modeling and Graphics, NMR spectroscopy,...
Enzymic hydrolysis of carbohydrates.
Biotechnological applications of carbohydrates.

PUBLICATIONS: H factor : 40, number of citations > 5200.

> 225 publications in refereed journals
> 200 oral presentations, seminars & conferences, including > 80 invited lectures.

TEACHING AREAS:

1999-2003. Director "Diplôme Etudes Approfondies" Structural and Molecular Physical Chemistry University Joseph Fourier – Grenoble)

2003 -2006 Vice Director: Doctoral School :Chemistry & Life Science

2007- 2010 Director: Doctoral School: Chemistry, Life Science

EDITORIAL BOARD

Journal of Carbohydrate Chemistry (1992 - ...) Carbohydrate Research (1999 -2005)

Biopolymers (1999 - 2006)

Carbohydrates in Europe (2000)

Glycoconjugate Journal (2002-)

Adv. in Carbohydrate Research (2004-)

ORGANISATION OF SCIENTIFIC MEETINGS:

- Starch Workshop, 1988 (co-organiser).
- Third Workshop on Plant Polysaccharides, Structure and Function, 1990 (co-organiser)
- National Meeting of French Molecular Graphics Group, 1991.
- Symposium on Conformational Studies of Oligosaccharides, Polysaccharides and Glycoconjugates, 1992.
- XVèmes Journées de la Chimie et Biochimie des Glucides, 1994
- International Cereal Symposium, Nantes, 1996 (co-organiser).
- **12th European Carbohydrate Symposium, Grenoble, 2003, Chairman** (>700 participants)
- Workshop: Interface Physics-Plant Biology, Lyon, 2006

NATIONAL REPRESENTATIVE : European Carbohydrate Organisation (1996 -)

: International Carbohydrate Organisation (2002 –)

Chairman of the European Carbohydrate Organisation 2003-05

SCIENTIFIC COUNCILS : French National Committee of Scientific Research - CNRS

Nominated Member : Complex Molecular Systems (2001-2004)

Elected Member : Physics & Chemistry of Biological Assemblies (2003-2004)

Elected Chairman : Supra and Macromolecular Systems : Properties, Functions & Engineering (2005-2008)

EUROPEAN COMMUNITY:

- Member Research Training Network : « CARENET-I » (1994-1996)
- Member Research Program « Biotechnology »: « Pectins ... » (1994-1998)
- Member Research Training Network : « CARENET-II » (1997-2000)
- Member Research Training Network du « GlycoTrain » (2000-2003)
- **Coordinator Research Training Network Glycosciences (2004-2007)**
- Member Research Training Network « GlycoNanoParticules » 2005-2008)
- Member Research Training Network «EuroGlycanArrays » 2008-2011
- Member Research Training Network «CARMUSYS» 2008-2011

OTHERS:

- Vice Director : Groupement de Recherche INRA-CNRS "Assembly of Plant Macromolecules » (2004-2007)
- Member : Managing team « Chemistry for Sustainable Development (2007-2009)
- **Vice President of the Grenoble Bio-Network (2003 -**
- Chairman Committee « Institut de Biologie Physico-Chimique, Paris (2001-2007)
- Chairman Committee Evaluation "Istituto di Ricerca sui Sistemi Macromolecolari", Milano, Genova, Biella, Italy (2003-2006)