Brief Biography:

Dr. Juan Ferre

Education: B.Sc. (1978) in Chemistry/Biochemistry by the University of Valencia, Spain; Ph.D. (1984) in Chemistry by the University of Valencia.

Academic Experience: Assistant Professor of Genetics, Department of Genetics, Fac. of Biological Sciences, University of Valencia (DG/FBS/UV) (1981-1986); Associate Professor (with tenure) of Genetics, DG/FBS/UV (1986-2000); Professor in Genetics, DG/FBS/UV (2000-present). Department Head, DG/FBS/UV (1999-2006).

Training in Other Institutions: Ph.D. fellow, Biology Division, Oak Ridge National Laboratory, Oak Ridge, Tennessee, U.S.A. (1982-83); Postdoctoral Research Fellow, Department of Reproductive Genetics, Magee Womens Hospital, Pittsburgh, Pennsylvania, U.S.A. (1985-86); Consultant Professor, Department of Medical Genetics, West Penn Hospital, Pittsburgh (3 months in 1987 and 2 months in 1988), Visiting Professor, Plant Genetic Systems, Gent, Belgium (3 months in 1989-90); Visiting Professor, Department of Entomology, University of Hawaii at Manoa, U.S.A. (1 month in 1993). Visiting Professor, Department of Entomology and Plant Pathology, University of Tennessee at Knoxville, U.S.A. (3 months in 2007).

Membership of Scientific Societies: Member of Spanish Society of Biochemistry (1985-present), Spanish Society of Genetics (1985-present), International Society of Pteridinology (1988-present), Spanish Society of Biotechnology (1989-present), International Society for Invertebrate Pathology (1992-present). Spanish Society of Applied Entomology (1997-present); American Society for Microbiology (2001-present).

Editorial Board Member of International Journals: Of the journals Pteridines (Germany/Korea, since 1993), Journal of Invertebrate Pathology (U.S.A., since 1999), and Applied and Environmental Microbiology (U.S.A., since 2001)

Book Editor: Co-editor (with Dr. Primitivo Caballero) of the first monography in Spanish on *Bacillus thuringiensis*, entitled “Bioinsecticidas: fundamentos y aplicaciones de *Bacillus thuringiensis* en el control integrado de plagas”, edited by PHYTOMA and the Public University of Navarra.

Main Interests: *Bacillus thuringiensis* resistance management by the understanding of the biochemical and genetic basis of resistance.

Key contributions to the field of invertebrate pathology: 64 refereed papers on *Bacillus thuringiensis*, mainly in the fields of: 1) Molecular and genetic basis of insect resistance to *Bacillus thuringiensis*, 2) Mode of action of *Bt* toxins, 3) Research and development of *Bt* insecticides to control agricultural pests.