

Bernard DUJON



University degrees

1965	Baccalauréat (Sciences Expérimentales)
1966	Ecole Normale Supérieure, Paris (admission rank 1 st)
1968	Master degree in Genetics, University Pierre et Marie Curie, Paris
1969	Advanced degree in Genetics, University Pierre et Marie Curie, Paris
1976	PhD (Doctorat ès Sciences Naturelles), specialty Genetics, University P. et M. Curie, Paris

Positions (past and present)

1966-1970	Civil servant studentship at Ecole Normale Supérieure
1970-1972	Scientist at CNRS (level 0: Stagiaire de recherche)
1972-1978	Scientist at CNRS (level 1: Attaché de recherche)
1978-1982	Scientist at CNRS (level 2: Chargé de recherche, equivalent assistant professor)
1982-1983	Scientist at CNRS (level 3: Maître de recherche, equivalent associate professor)
1983-1987	Professor at Univ. P. M. Curie, Paris, (2 nd classe, equivalent associate professor)
1984-1988	Lecturer at Ecole Polytechnique, Palaiseau (joint appointment)
1987-1995	Professor at Univ. P. M. Curie, Paris (1 st classe, equivalent full professor)
1989-1992	Head of laboratory at Institut Pasteur (equivalent associate professor, joint appointment)
1993-2005	Professor at Institut Pasteur (equivalent full professor, joint appointment)
1995-2004	Professor exceptional class I at Univ. P. M. Curie, Paris (equivalent chair)
1997-2011	Senior member at Institut Universitaire de France (interruption 2006-2009 for Direction of Institut Pasteur)
2004-2015	Professor exceptional class II Univ. P. M. Curie, Paris (equivalent senior chair)
2005-2015	Professor exceptional class at Institut Pasteur (joint appointment)

From september 1st, 2015: Emeritus professor at Univ. P. M. Curie and at Institut Pasteur

Places of laboratory work (past and present)

1969-1978	Centre de Génétique Moléculaire, CNRS, Gif-sur-Yvette (Lab. of Prof. Piotr Slonimski)
1978-1981	Department of Biochemistry and Molecular Biology, Harvard University, Cambridge, MA, USA (Lab. of Prof. Walter Gilbert)
1981-1987	Centre de Génétique Moléculaire, CNRS, Gif-sur-Yvette, Team leader
1987-2015	Institut Pasteur, Paris, Head of the research unit " <i>Molecular genetics of Yeasts</i> "

From september 1st, 2015: Department "Genomes and Genetics", institut Pasteur

Publications

194 publications in peer-reviewed international journals, plus **26** book chapters
14 patents, **1** book (in French, Editions Le Pommier, 2005, translated into Korean in 2012)

15 247 citations, h index = **61** (Web of Science, june 2017)

ca. 450 oral communications, invited conferences, seminars and miscellaneous

Teaching activity (brief overview)

1983-present: At University P. M. Curie, Paris, annual lectures on fundamental genetics, molecular genetics, genetic engineering and genomics to students at 1st, 2nd and 3rd university cycles (mostly Master degrees 1 and 2). Invited lectures in other french and foreign Universities (Univ. Paris-Sud (Orsay and Chatenay-Malabry), Univ. Claude Bernard (Lyon), Univ. Blaise Pascal (Clermont-Ferrand), Univ. of Versailles, Univ. of Strasbourg, Univ. of Louvain-la-Neuve (Belgique), Washington Univ. Saint Louis (USA), Univ. of Tunis (Tunisie), ENS Lyon, INA-Paris-Grignon, Södertörns Högskola (Suède), Institut Pasteur, Muséum National d'Histoire Naturelle, Ecole Normale Supérieure (Lyon)).

1984-2004 Creation and animation of a new course "*In vitro genetics*" Master level for 50 selected students per year

- 1984-1988 Creation of the Biology course at Ecole Polytechnique
- 1984-present Participation to a total of 33 international courses (EMBO; FEBS; ICGEB; Hebrew University, Jerusalem, Israel; Cold Spring Harbor laboratory, NY (USA); Universita Autonoma of Mexico; Univ. of Trieste, Italy; Univ. Buenos Aires, Argentina; Institut Pasteur de Montevideo, Uruguay; Univ. of Saint-Denis, Réunion; Institut Pasteur Athens, Greece; Univ. of Perugia, Italy; Aristotle Univ. of Thessalonica, Greece)
- 1989 Organization and operation of a practical and theoretical course on DNA sequencing and directed mutagenesis at University of Tunis, Tunisia (20 students)
- 1991-1996 Head of Genetics teaching department at Univ. P. M. Curie
- 2001-2015 Creation and animation of new course "*Genome analysis*" Master level, 15-20 selected students per year
- 2004-2015 Coordinator of the *Genomic specialty* within the Master of Molecular and cellular Biology at Univ. P. M. Curie.

Total of **22** PhD students supervised, and participation to **143** PhD and Habilitation defense committees.

Major scientific and administrative responsibilities

- 1981-1987 Team leader at Centre de Génétique moléculaire, CNRS, Gif-sur-Yvette (6-8 people)
- 1987-2015 Head of research Unit "*Molecular genetics of yeasts*" at Institut Pasteur (14-17 people)
- 1991-1994 Vice-head of the department of *Molecular Biology* at Institut Pasteur
- 1992-1996 Director of associated research unit "*Molecular and cellular interactions*" of CNRS (URA1149, ca. ~100 people)
- 1995-1997 Vice-head of the department of *Biotechnology* at Institut Pasteur
- 2000-2011 Director of associated research unit "*Genetics of genomes*" of CNRS (URA2171, ca. ~100 people)
- 2002-2006 Director of the department "*Structure and dynamics of genomes*" at Institut Pasteur (ca. 200 people)
- 2006-2008 General Scientific Director of Institut Pasteur (ca. 2500 people)

Executive and advisory boards and councils

- 1983-1991 Member of *Career Commission* (37^e section du CNU) of Univ. P. M. Curie
- 1989-1995 Member of Administrative council of UFR 927 of Univ. P. M. Curie
- 1992-1995 Member of Commission 23 of Comité National de la Recherche Scientifique (CNRS)
- 1992-2002 Member of *Career Commission* (64^e section du CNU) of Univ. P. M. Curie
- 1993 Expert of *Biomed* program, DGXII of the European Commission
- 1993-1996 Member of *Scientific Advisory Board* of "*Yeast Industry Platform*" at DGXII
- 1993-2001 Member of Scientific council of Institut Pasteur (President from 1997 to 1999)
- 1994 Expert of *Bridge/Biotech* program, DGXII of the European Commission
- 1994-1999 Member of *Jurys de Qualification* of Institut Pasteur
- 1995 President of Direction Committees of UPR41 of CNRS (Rennes) and UPR9005 of CNRS (Strasbourg)
- 1995-1997 Member of *expert committee* of NIH (USA) for the "*Saccharomyces Genome database*"
- 1996 President of Direction Committee of UPR1354 of CNRS (Orsay)
- 1996-2014 Member of the scientific council of UFR 927 of Univ. P. M. Curie
- 1997 Expert of *Biotech2* program, DGXII of the European Commission
- 1997-2002 Member of Scientific Council of CNS-Génoscope, Evry
- 1999 President of Direction Committees of UPR41 of CNRS (Rennes) and UPR9009 of CNRS, (Strasbourg)
- 2000 Member of expert committee of GIP-HMR, Dept. Cellular and Molecular Biology of CEA, Saclay
- 2000-2001 Member of scientific council of the Life Sciences department of CNRS
- 2002-2005 Member of the scientific direction committee of Institut Pasteur
- 2002-2010 Member of the Scientific Council of the Department of Biology at Ecole Normale Supérieure, Paris
- 2003-2005 Member of commission CT2 of INSERM
- 2003-2007 President of scientific council of CNS-Génoscope, Evry
- 2003-2014 Member of *Scientific Advisory Board* of the Collectis Company, Paris
- 2004 President of the Direction Committee of U-781 of INSERM, Paris
- 2005 President of the Direction Committee of UMR2585 of CNRS-INRA1238, Thiverval-Grignon
- 2006-2012 Member of Scientific Directory of Univ. P. M. Curie
- 2008-2011 President of scientific council "*genome sequencing*" of GIS-IBISA
- 2008- 2013 Expert for the General Direction of Institut Pasteur
- 2011-2014 Member of scientific council of INSB of CNRS (member of the board)
- 2014- present President of *Scientific Advisory Board* of France Génomique
- 2015- present Vice-president of the Société Française de Génétique
- 2016-present Member of the Executive Committee of the France-Stanford Center for Interdisciplinary Studies

Organization of colloquia and responsibility of scientific consortia

- 1991 Creator and organizer of the first Colloquium "*Levure: modèle et outils*" (now a bisannual series)
- 1992-1994 DNA coordinator chromosome XI in the BAP/BRIDGE "*Yeast genome sequencing*" program
- 1995-1996 DNA coordinator chromosome XV in the BRIDGE "*Yeast genome sequencing*" program
- 1997-2000 Member of Steering committee of the "*EUROFAN*" project
- 1998-2012 Creator and organizer of the "*Génolevures*" Consortium (established as GDR by CNRS in 2000)
- 2000 Member of scientific committee of the international conference "*Genome 2000*"
- 2005 Creator and organizer of the first ESF Research Conference "*Comparative genomics of eukaryotic microorganisms*" (now an EMBO bisannual series of conference).

- 2005-2008 Coordinator of the research consortium "*Genarise*" from ANR
- 2007 Organization of a Conférence-débat at Académie des Sciences: "*Vers une nouvelle synthèse Physique-Biologie*"
- 2011 Organization of a Conférence-débat at Académie des Sciences: "*La génomique*"
- 2016 Co-organizer of the Colloquium "*Trajectories of Genetics, 150 years after Mendel*" at Académie des Sciences
- 2017 Co-organization of a Conférence-débat at Académie des Sciences: "*Symbiosis and cohabitation*"

Communications for general audiences

- 1993 Public debate University Paris 7 "*Genetic engineering*"
- 1996 Press conference of the European Commission "*The yeast genome*"
- 1998 Conference at the Conseil économique et social, Paris, "*La génétique*"
- 2003 Three conferences at Cité des Sciences et de l'Industrie: "*Dynamique et évolution des génomes*"
- 2003 Conference at the Science Museum *La Caixa*, Barcelona, Spain "*Bread, beer and Genetics: the genome of yeasts*"
- 2008 Conference at Université de Tous les Savoirs: "*Génomique structurale, génomique fonctionnelle*"
- 2008 Colloquium at Cité des Sciences et de l'Industrie: "*Génomique et évolution*"
- 2008 Conference at Assosciences, Toulouse: "*Génomique structurale, génomique fonctionnelle*"
- 2009 Conference at the Biotechnocentre, Orléans: "*Genomique comparative et évolution des génomes*"
- 2011 Conference at colloquium "La percée du vin jaune", Arbois: "*Ce que nous apprennent les génomes de levures*".
- 2012 Conference at Assosciences, Toulouse: "*La dynamique des génomes: moteur d'évolution et cause de maladies*"
- 2013 Conference at Institut Scientifique de Cargèse, Cargèse, France "*Comment évoluent nos génomes ?*"
- 2014 Conference CNAM-CNRS "*Où commence la vie ?*" and radio RFI broadcast "*Autour de la question*".

Awards and honorific distinctions

- 1965 Lauréat du Concours Général
- 1991 Thérèse Lebrasseur award from Fondation de France
- 2000 Chevalier de la Légion d'Honneur (Knight at First French national order)
- 2009 Renée et Andrée Duquesne award
- 2014 Officier dans l'Ordre National du Mérite (Officer at Second civil French national order)
- 2016 *Doctor Honoris Causa*, University of Perugia, Italy

Academia and international scientific organizations

- 1988-present EMBO member
- 2000-present Member of *Academia Europaea*
- 2002-present Member of the French Academy of Sciences (Institut de France)
- 2011-present Member of *Faculty of 1000*
- 2017-present Member of the National Academy of Inventors (USA)

Scientific societies

- Société Française de Génétique
- Genetic Society of America*