

# CURRICULUM VITAE

NAME : DUMONT  
SURNAME : Jacques, Emile  
NATIONALITY : Belgian  
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B - 1380 OHAIN  
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## EDUCATION

UNIVERSITY (1956): Medical Degree Suma Cum Laude (Grande Distinction)  
University of Brussels

(1965): Ph.D. (Agrégé de l'Enseignement Supérieur) Biochemistry,  
University of Brussels

(1965): Specialist certification : Clinical Biochemistry (National)

## APPOINTMENTS

- Student Researcher in Pharmacology  
(Prof. Labarre, Reuse) University of Brussels, 1954-1958
- Officer Army Medical Services, 1957-1958
- NIH Research Fellow, Thyroid Laboratory, Massachusetts General Hospital  
(Prof. J.B. Stanbury) Boston USA, 1958-1959
- Research Fellow ("Aspirant"), National Scientific Research Foundation, Laboratory  
of Experimental Medicine (Prof. P.A. Bastenie) University of Brussels, 1959-1961
- Resident Internal Medicine, Department of Medicine  
(Prof. P.A. Bastenie) University Hospital Saint-Pierre, 1961-1962
- Established Investigator ("Chercheur Qualifié"), National Scientific Research  
Foundation, Laboratory of Experimental Medicine (Prof. P.A. Bastenie) University  
of Brussels, 1962-1963
- Head Biochemistry Unit, Laboratory of Nuclear Medicine  
(Prof. A.M. Ermans) University of Brussels, 1963-1965
- Head Laboratory of Nuclear Medicine, University of Brussels, 1965-1968
- Coordinator Contract EURATOM-University of Brussels-University of Pisa, 1963-1968

- Officer Biology Division, EURATOM, 1963-1990 Brussels.
- Director Institute of Interdisciplinary Research, University of Brussels, School of Medicine, 1968 -

### **ACADEMIC POSITIONS**

Professor (Cell Signalling), School of Sciences  
University of Brussels, 1971-1997

Professor (Biochemistry), School of Medicine  
University of Brussels, 1973-1997

Professor (Biochemistry), School of Medicine  
Vrije Universiteit Brussel, 1984-1996

Deeltijds Hoofddocent to the Vrije Universiteit Brussel, 1996-

Visiting Professor, Graduate School of Biomedical Sciences,  
University of Texas (Houston), 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988,  
1989, 1990, 1991, 1992, 1993, 1994, 1995, 1996, 1997, 1998

Member of the Board of Trustees  
University of Brussels, 1969, 1970, 1971, 1979, 1980, 1981, 1983, 1984, 1985, 1986,  
1987, 1988, 1989, 1990, 1992, 1993, 1996, 1997

### **HONOURS**

Lauréat du Concours Universitaire (1956-1957)  
Pharmacology, Belgian Ministry of Education

First Belgian US Public Health Service  
Research Fellow (1958)

A. Slosse Prize (Biochemistry), (1966)  
Brussels University

Jacques Dumont

Pfizer Prize (1973-1975)  
Belgian Academy of Medicine

Pitt Rivers Lecturer (1981)  
CIBA Foundation and London Thy

Henning Prize (1989)  
European Thyroid Association

Pr Lucien DAUTREBANDE Prize (1992)

Francqui Chair - Université Catholique de Louvain (UCL)- 1992

Francqui Chair - Université de Gand - 1994

Francqui Chair - Katholieke Universiteit Leuven (KUL) - 1998

Francqui Chair – Université de Liège (Ulg) – 1999

### **Presidency of scientific societies.**

- European Thyroid Association 1995 – 1998
- Belgian Society of Biochemistry and Molecular Biology 2002 – 2004
- FEBS Signal Transduction Meeting 2003

### **Some recent publications**

ROGER, P.P., REUSE, S., MAENHAUT, C., DUMONT, J.E.

Multiple facets of the modulation of growth by cAMP.  
Vitamins and Hormones vol. 51, 59-191, 1995.

DE DEKEN, X., WANG, D., MANY, M.C., COSTAGLIOLA, S., LIBERT, F., VASSART, G., DUMONT, J.E., MIOT, F.

Cloning of two human thyroid cDNAs encoding new members of the NADPH oxidase family.  
J. Biol. Chem. 275 :23227-23233, 2000

COULONVAL, K., VANDEPUT, F., STEIN, R.C., KOZMA, S.C., LAMY, F., DUMONT, J.E.

Phosphatidylinositol 3-kinase, protein kinase B and ribosomal S6 kinases in the stimulation of thyroid epithelial cell proliferation by cAMP and growth factors in the presence of insulin.  
Biochem. J. 348, 351-358, 2000.

PIRSON, I., FORTEMAISON, N., JACOBS, C., DREMIER, S., DUMONT, J.E., MAENHAUT, C.

The visual display of regulatory information and networks.  
Trends in Cell Biology 10, 404-408, 2000.

CLEMENT, S., KRAUSE, U., DESMEDT, F., TANTI, J.-F., BEHREND, J., PESESSE, X., SASAKI, T., PENNINGER, J., DOHERTY, M., MALAISSE, W., DUMONT, J.E., LE MARCHAND-BRUSTEL, Y., ERNEUX, C., HUE, L., SCHURMANS, S.

The lipid phosphatase SHIP2 controls insulin sensitivity.  
Nature 409, 92-97, 2001.

DUMONT, J.E., PECASSE, F., MAENHAUT, C.

Crosstalk and specificity in signalling. Are we crosstalking ourselves into general confusion?  
Cellular Signalling 13, 457-463, 2001.

KIMURA T, VAN KEYMEULEN A, GOLSTEIN J, FUSCO A, DUMONT JE, ROGER PP

Regulation of thyroid cell proliferation by TSH and other factors: a critical evaluation of in vitro models.  
Endocr Rev 22(5):631-656, 2001.