

## **Françoise CORBINEAU**

### Education:

1976 - Agrégation de Sciences Naturelles (Agregation in Natural Sciences)

1979 - Ph.D in Plant Physiology, University Pierre et Marie Curie, Paris

1983 - Doctorat ès Sciences, (Plant Physiology), University Pierre et Marie Curie, Paris

### Appointments:

2012-present: Vice-President delegate to estate, University Pierre et Marie Curie, Paris

1994-present: Professor of Plant physiology, University Pierre et Marie Curie, Paris

1990-1994: Associate Professor, University Pierre et Marie Curie, Paris

1979-1990: CNRS research scientist, Meudon, France

1973-1977: Student at the Normal Superior School (ENS, Fontenay-aux-Roses, France)

### Scientific Career:

2008-2009 – Head of the « Seed Germination and Dormancies » research group, UR5-EAC7180 “Cellular and Molecular Plant Physiology”, University Pierre et Marie Curie, Paris

1997-2008: Head of the research Unit EA 2388 « Seed Physiology », University Pierre et Marie Curie, Paris

Teaching (University Pierre et Marie Curie, Paris): Plant physiology, post-harvest physiology, seed biology

1994-2011 - Co-Deputy Head of the Speciality « Food Sciences » of the « Ecole Polytechnique Pierre et Marie Curie » (EPU-UPMC)

2004-2009 - Head of the Speciality « Plant Sciences » of the Master « Integrative Biology and Physiology »

Research activities: My scientific work concerns the following main topics :

(1) - Physiological, biochemical and hormonal regulation of seed germination and dormancies as related to external factors; (2) - Physiological and biochemical mechanisms involved in the response of seeds and seedlings to abiotic stresses (hypoxia, dehydration, chilling, high temperatures); (3) - Ageing and storage of orthodox and recalcitrant seeds; (4) - Evaluation and improvement of seed quality.

I am author or co-author of over 210 research papers in scientific journals and congress reports, of 10 chapters in books, and 2 books, especially on seed physiology and biochemistry, about 200 oral communications and posters in scientific meetings and congresses, and promotor of 49 Masters and 16 Ph.D

Honors: Corresponding member (1995-2012) and titular member (from 2012) of the French Academy of Agriculture

President –Elect (2011-2014) and President (from 2014) of the International Society for Seed Science (ISSS)