

## Marco Biggiogera - Curriculum Vitae

1978: Diploma in Biological Sciences

1982: Diploma in Cytochemistry and Histochemistry

1987: PhD in Physiological Sciences

1987 – 1993: Staff member, Centre de Microscopie Electronique, University of Lausanne

1993: Researcher, Laboratorio di Biologia Cellulare, Dipartimento di Biologia Animale, Università di Pavia

1998-: Member, Board of the PhD program in Cell Biology

2004: Associate professorship

2016: Full professorship

2018- Director, Dept Biology and Biotechnology

### Teaching

1987-1992: Invited Professor, Ultrastructural Cytochemistry (Faculty of Sciences, University of Pavia)

1989 –1992 practical courses of Analyse Ultrastructurale, Faculty of Sciences, University of Lausanne

1990: Course of Immunocytochemistry -Département d'Analyse Ultrastructurale, University of Lausanne

since 1994: Tutor of 14 theses (Biology diploma) and 3 PhD thesis

1997- 2000: Course: Laboratory of Ultrastructural Techniques

1999: Course: Cell Biology

2000-2005: Course: Laboratory of Histological and Histochemical Techniques

since 2002: Course: Techniques in microscopy and cytochemistry

since 2010 : Techniques in microscopy and cytochemistry and Advanced microscopy for the LM in Molecular Biology and Genetics

since 2015: Cytology and Histology, L Tin Biological Sciences

since 2015: Advanced microscopy

### Organizing activity:

Member of the Organizing Committee of the Wilhelm Bernhard Workshop - 12th International Workshop on the Cell Nucleus, Les Diablerets (Switzerland), september 1991.

Since 1999 is the Italian member of the International Committee of the Wilhelm Bernhard Workshop on the Cell Nucleus.

In 2003 he organized in Pavia, as president, the 18th Wilhelm Bernhard Workshop on the cell Nucleus.

Since 2004 is member of the Executive Board of the Society for Histochemistry (Gesellschaft für Histochemie);

Head of a scientific unit of Ariadna project, European Space Agency.

President of the 48th Symposium of Histochemistry, Stresa, September 2006

2010-2013: President of the Society for Histochemistry

Has been reviewer for: Molecular Reproduction and Development; Journal of Structural Biology; Journal of Microscopy; European Journal of Histochemistry ; Journal of Histochemistry and Cytochemistry ; Experimental Cell Research ; Life Sciences ; Journal of Cell Science ; Histochemistry and Cell Biology; Nature Methods

Reviewer for Grant Proposals, Wellcome Trust (since 2008).

Since 2013, Editor of European Journal of Histochemistry; Member of the Editorial Board of Conference Papers in Biology; member of the Editorial Board of Histochemistry and Cell Biology.

Member of the Editorial Board of Histochemistry and Cell Biology

Member of: Società Italiana di Istochimica, Society for Histochemistry.

He has co-authored 154 peer-reviewed papers (h-index 41 Scholar; 33 WoS; Scopus 35). The research field is mainly the study of the biology of the cell nucleus at electron microscopy, with particular attention to RNA transcription machinery in different models such as spermatogenesis, apoptosis and drug-induced transcriptional arrest in cell cultures. A particular attention is devoted to the subcellular mechanisms of mRNA export.