

Full Professor of Human Anatomy (BIO/16) at Sapienza University of Rome, Faculty of Pharmacy and Medicine, Department of Anatomical, Histological, Forensic and Orthopaedic Sciences, Head of the Laboratory of Electron Microscopy "Pietro Motta", Department of Anatomical, histological, Forensic and Orthopaedic Sciences, Head of Course Degree in Medicine and Surgery, Faculty of Medicine and Psychology, Sapienza University of Rome. Ombudsman of the students of the Sapienza University of Rome.

Occupation or position held, Academic Committees and Councils memberships

1. Member of the teacher board of the Doctorate degree in Morphological and Biophysical Sciences of the Sapienza University of Rome.
2. Member of the Evaluation group of the Faculty of Medicine and Psychology from 2000 up to 2012.
3. Delegate for the Faculty of Pharmacy and Medicine in the pre-university orientation project "Orientamento in Rete" of the Sapienza University of Rome. (lasting from 15 years)
4. Head of Course Degree in Medicine and Surgery of the Faculty of Medicine and Psychology, from 1999 until now.

Membership of scientific associations

1. Member of the Italian Society of Anatomy and Histology (SIAI)
2. Member of the Italian Society of Embryology Reproduction and Research (SIERR)
3. Member of the Italian Society of Physiopathology of Reproduction (SIFR)
4. Member of the European Society for Human Reproduction and Embryology (ESHRE)
5. Member of the European Society for Medical Education (AMEE)
6. Member of the Italian Society of Medical Education (SIPeM)

Education and training

Dates

Medical Degree cum laude year 1977; specialty degree in General Pathology year 1980

Academic Appointments

1. 1979 National Research Council fellowship at the Laboratory of Electron Microscopy (Head Prof. Pietro Motta) in the Institute of Human Anatomy of the Sapienza University of Rome.
2. 1980 Assistant Professor in the institute of Human Anatomy of the Sapienza University of Rome.
3. 1987 Associate Professor in the institute of Human Anatomy of the Sapienza University of Rome.
4. 1999 - Full Professor of Anatomy at the I School of medicine of the Sapienza University of Rome.

On March 2000 he shifts to the Faculty of Medicine and Psychology, where he works at present.

Personal skills and competences

Research field electron microscopy

Mother tongue(s) Italian

Other language(s) English

Self-assessment Understanding Speaking Writing

European level (*) Listening Reading Spoken interaction Spoken production

Language B2 (*) Common European Framework of Reference for Languages

Organisational skills and competences

Member of the Evaluation group of the Faculty of Medicine and Psychology from 2000 up to now.

Delegate for the Faculty of Pharmacy and Medicine in the pre-university orientation project "Orientamento in Rete" of the Sapienza University of Rome. (lasting from 15 years)

Head of Course Degree in Medicine and Surgery from 1999 until now.

Technical skills and competences

Electron microscopy techniques. Methods used and created

1. Combined use of saponin, ruthenium red, osmium, thiocarbohydrazide, (Sap-RR-Os- Th method) to highlight the fine structure of the extracellular matrices, in ovarian follicle and in the oocyte, with the scanning and transmission electron microscopy. This method has been applied by other groups that, in the world, work on this field.
2. Sound and ultrasound adjustable system, able to softly clean the samples surfaces for the observation at the scanning electron microscope.
3. In addition to those above mentioned, prof. Familiari usually uses in his routine laboratory work the following techniques: immunofluorescence, ruthenium red and Lanthanum in transmission electron microscopy, scanning electron microscopy, laser confocal microscopy.