

PRESENT APPOINTMENT

From November 1st, 2000: Associate Professor of Human Anatomy (full time position). 2014: qualified to hold the role of Full Professor of Human Anatomy.

CURRICULUM STUDIORUM

1984: M.D. Medicine and Surgery (cum laude), University "La Sapienza", Rome, Italy; qualified to practice Medicine, University "La Sapienza", Rome, Italy; 1990: Research Doctorate degree (Ph.D.), Ministry of University and of Scientific and Technological Research, Italy.

RESEARCH ACTIVITY

MAIN RESEARCH FIELD

Biology of reproduction. Specific research interests: morphodynamics of the fertilization process, in human and other mammals, as it occurs in different hormonal and microenvironmental conditions, with particular regard to protocols of assisted reproduction; ultrastructural morphology of the human oocyte subjected to different cryopreservation procedures; morphological features of oocytes of different mammals including human subjected to in vitro maturation; embryogenesis of the human female gonad; ultrastructure of the follicular-luteal complex, in human and other mammals, in normal, experimental (ovarian tissue cryopreservation and grafting, in vitro culture of ovarian follicles) and pathological conditions; vascularization of the ovary and oviduct in mammals. Instrumentation and techniques employed: light microscopy, transmission and scanning electron microscopy, confocal laser scanning microscopy, immunocytochemistry, immunofluorescence.