

Sergio Minucci.

1982 - Doctor in Biological Sciences.

1985 - Fellow "G. Guelfi" with Accademia Nazionale dei Lincei.

1988 Award "Battista Grassi" for Zoology, Parasitology and Biological Thalassography by Accademia Nazionale dei Lincei.

1989-91 Fogarty International Fellows at National Institute of Health, Bethesda, Maryland - USA.

1992 - 2005 Associate Professor of Biology.

1993 - Ph.D. in Comparative Endocrinology.

2005 to date - Full professor of Biology - School of Medicine –

2014 to date - Rector's Delegate for Internationalization and Mobility

Collaborative research: Italian (*University of Genova; University of Naples "Federico II", University of Calabria, University of Bari and Zoological Station "A. Dohrn"*) and foreign research group (*NIH, Bethesda - USA; University of Manchester, UK; University of Hamburg, Germany; University of Cordoba, Spain, University of Zaragoza, Spain, University of Adelaide, Australia, University of Monastir, (Tunisia). Shandong University - Jinan (China).*)

Main Research accomplishment: Biology of Reproduction.

Referenced Journals Articles

Author of more than 135 research papers (Scopus Feb 2020).

H-index 26 (RG Feb 2020)

Referee for several scientific journals of international repute.

Principal investigator to Research and Development international projects:

CARCINOMA E LESIONI POTENZIALMENTE MALIGNI DEL CAVO ORALE ED INFEZIONI ASSOCIATE.

Ministry of Education, Universities and Research (Rome)

2003-01-01 to 2005-01-01 | GRANT_NUMBER: [2003061804](#)

HCG & ESTRADIOL ON STEROIDOGENIC DESENSITIZATION

Fogarty International Center (Bethesda)

1990-04-06 to 1990-12-31 | GRANT_NUMBER: [F05TW004324](#)

Main Research fields:

- Dynamics of spermatogenesis.
- Influence of hormonal and environmental factors.
- Communication between spermatids and spermatogonia and among Leydig cells and Mast cells.
- The role of substances like the releasing factor for the gonadotropins (GnRH) in regulating testicular in vertebrate
- The role and control of relaxin expression and its testicular receptors during embryonal development in Zebrafish.

- Identification and characterization of a new form of relaxin (RLX) from mammalian testis and its role in the spermatogenesis.
- Identification and characterization of prothymosin- α from rat and human testis and study of its role during meiosis.
- Identification of the MT1 melatonin receptor and H9-related melatonin receptor in rat testis. Study on the effect of melatonin in the regulation of spermatogonial proliferation.
- Identification and characterization of Dishevelled-associated Q2 activator of morphogenesis 1 (DAAM1) during development and during spermatogenesis in rat and human testis.

CV – Sergio MINUCCI

- The role and control of Propyl Endoptidase (PREP) on the reproduction of mammalian gonads and on gamete physiology.
- Effects of Cadmium and Zinc on the reproductive activity in mammalian gonads.
- Study on the Blood-testis barrier integrity following testicular exposure to microplastics and/or several environmental pollutants in mammals.