



#### Place and date of birth

Venice, november 20<sup>th</sup> 1958

1983

#### Degree in medicine

110/110 cum laude university  
of genoa - genoa

1986

#### Specialist in human reproduction

50/50 cum laude university of  
genoa - genoa

1990

#### Specialist in obstetrics and gynecology

50/50 cum laude

## Academic experience

2015 - 2020

**Associate professor in obstetrics and gynecology** university of genoa –  
genoa

2020 -ongoing

**Full professor in obstetrics and gynecology** university of eastern pedmont  
– novara

## Language skills

#### English

Proficient

#### French

Independent

## Research interests

Gynaecological Endocrinology. Surveys for ovulation induction in patients with polycystic ovarian syndrome, hypothalamic amenorrhea, infertility therapies and medically assisted reproduction techniques

Thermal damage during electrosurgery. New surgical instruments covered with insulating materials were invented and evaluated in animal model Endometriosis-pathophysiology. Investigations on the molecular mechanisms that may be involved

in the pathogenesis of endometriosis. In particular, analysis of the proteome of peritoneal fluid of patients with and without endometriosis by means of electrophoresis, computer analysis and mass spectrometry. Evaluation of changes of the protein present in peritoneal fluid in relation to the severity of disease and the use of medical therapies for treating endometriosis. Investigation on the expression of two isoforms of the estrogen receptors ( $\alpha$  and  $\beta$ ) in the peritoneal macrophages of women with endometriosis and correlations with the expression of inflammatory cytokines

Endometriosis-medical therapy. Investigation on the effectiveness of medical therapy in the treatment of pain caused by endometriosis. In particular, clinical trials on the use of aromatase inhibitors in the treatment of endometriosis of rectovaginal septum, studies on the effectiveness of gonadotropin-releasing hormone analogues (GnRH) and progestagens in the treatment of symptoms caused by intestinal endometriosis. Reviews of the literature on medical treatments for endometriosis, with particular interest in aromatase inhibitors and anti-angiogenic drugs.

Bowel endometriosis. Development and clinical validation of new methods for the diagnosis of intestinal endometriosis: enema combined with computed tomography and retrograde rectal distention with saline during transvaginal ultrasonography. Studies on alterations caused by intestinal endometriosis on nerve fibers and sigmoid-rectal motility. Investigation on symptomatology of patients with intestinal endometriosis. Clinical studies on the benefits and limitations of the surgical treatment of intestinal endometriosis. Clinical studies on the effects of medical therapy in the treatment of pain and gastrointestinal symptoms of patients with intestinal endometriosis

Endometriosis-deep dyspareunia. Clinical studies on the prevalence of deep dyspareunia and sexual quality of life in women with endometriosis. Assessment of improvements of such symptoms after surgical therapy or combined (medical and surgical). Review of the literature on the causes of deep dyspareunia.

H-Index: 35 (source Scopus, Author ID: 56211988400)

IF TOTAL 387.650

IF MEDIAN 2,70

Total citation 3500