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Prof. Caterina De Carolis

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Her clinical and scientific work focuses on reproductive autoimmune diseases, particularly on the relationships between [recurrent pregnancy loss](#) and [immunological infertility](#).

Caterina De Carolis achieved with honors Master Degree (Medical Doctor) in Medicine and Surgery on July 1981 at the University of Rome La Sapienza, and experimental thesis “Complement activation by cigarette smoke condensate and tobacco infusion” published on Arch. Environ. Health 38:176,1983 have been awarded “Cenci Bolognetti Foundation”. On July 1985 received with honors the title of Specialist in Pediatrics at the University of Rome La Sapienza, and experimental thesis “Hereditary angioneurotic edema: clinical and laboratory findings in 58 subjects” was published on Res. Clin. Lab. (19:51,1989). She received with honor the title of Specialist in Gynecology and Obstetrics on July 1993 at the University of Rome Tor Vergata and experimental thesis “Successful high dose intravenous immunoglobulins (IVIG) treatment in recurrent autoimmune or alloimmune spontaneous abortion” was published on Int. J. Immunopathol. Pharmacol. (10:125-131, 1997). She achieved further masters in Economy and Management Sanitary Address in University of Rome Tor Vergata, Master in Sofrology and Stress, Clinic of the Nervous and Mental Illness of the University of Rome La Sapienza on (1999-2000). Past Tutor and Teacher at the School of Specialization in Gynecology and Obstetrics, Allergy and Clinical Immunology at the University of Rome Tor Vergata. Past Teacher in Obstetrics at the Catholic University of Sacred Heart. Referee for the Italian Association for the Hereditary Angioneurotic Edema (HAE) and member of the European Group PREHEAT in which she serve sas the only gynecologist (European Project number QLGI-CT-2002-01359, 2005-2007).

Medical referee for the European Fund for the Integration of third- country nationals (FEI – LINK Ministero Esteri) (2010-2014).

Coordinator of a project study in collaboration with the University of Tel Aviv , Sheba Medical Center: “Evaluation of the sense of smell in women affected with recurrent spontaneous abortion: immunological and psychological implications” (2008). She has participated in the project on the theme of the victims of draws in collaboration with International Alliance for Justice, Law, Minerva and with the support of the State Department as Chairman in the lecture "to Promote actions in defense of the victims of draws of human beings as support to the democratic and civil reconstruction in Iraq." Dokan Lake, Kurdistan, 2012. Chairman and speaker at the 1st and 4th Israel-Italy meeting on Advances in Autoimmunity and Rheumatology organized by the Italian Office of the Foreign Business, in the circle of the scientific activities of collaboration with Israel anticipated from the bilateral accord on the industrial, scientific and technological research and development (2012-2015). International advisory committee of the [9th and 10th International Congress on Autoimmunity, Nice \(France, 26-30 March 2014\)](#) and [Leipzig \(Germany, 6-10 April 2016\)](#).

Her studies have explored the role of NK cells, antiphospholipid antibodies and thyroid in the pathogenesis of autoimmune recurrent spontaneous abortion and the relationship between IVIg therapy, complement and inflammation. She is referee for several peer-reviewed journals including Fertility and Sterility, Case Reports in Gynecology and Obstetrics and Rheumatology (Oxford). Her research activity is documented by 286 papers on prestigious national and international journals of which she is the author or co-author (Impact Factor 229,94, 1520 citations h-index 18) as well as chapters in 17 books.

She has participated as an investigator to several clinical trials. In addition, she has participated as speaker and chairperson at more than 200 courses, seminars and conferences both national and international.

She has been awarded Cenci Bolognetti Foundation for experimental Medical Degree thesis, Award Minerva “To the science” (2006) and oral communication EEACI (2013) and IFIACI (2014). President and Coordinator of the Technical-scientific Committee of the A.S.R. Onlus (Recurrent Spontaneous Abortion) (www.poliabortivita.it).