

Curriculum vitae et studiorum

Prof. Dr. Manuela Simoni MD, PhD

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Academic Titles	MD, PhD Specialized in Endocrinology and Metabolism “Privatdozent” (approved lecturer) in Reproductive Medicine (Germany) University Professor of Endocrinology and Molecular Biology of Reproduction, University of Münster (Germany) (until 2007) Full professor of Endocrinology, University of Modena & Reggio Emilia (Italy)
Current position	Full Professor of Endocrinology, Department of Biomedical, Metabolic and Neural Sciences, University of Modena & Reggio Emilia (Italy) Director of the Unit of Endocrinology Director of the Department of Medical Specialties University Hospital of Modena (Italy)
General	Born in Carpi (Italy) on July 4, 1956 Nationality: Italian Married, two children .
	Education and academic career
1975	School-leaving certificate, Liceo Classico U. Foscolo, Albano L. (Roma, Italy).
1976-1982	Study of Medicine at the University of Modena, Italy.
1982	MD in Medicine and Surgery (with honours) University of Modena, Italy (Thesis on RIA of serum androstenedione).
1982	State exam as Physician (“Abilitazione professionale”), University of Modena, Italy.
1982-1985	Resident in Endocrinology, University of Modena, Italy.
1984-1985	Courses in Biosexology and New Technologies in Endocrinology University of Modena, Italy.
1985	Specialization in Endocrinology (with honours), Postdoctoral School of Endocrinology, University of Modena, Italy. (Thesis on pulsatile secretion of LH in elderly males).
1987-1990	PhD course in Endocrinology and Metabolism, University of Modena, Italy.
1991	PhD (Dottore di Ricerca) in Endocrinology and Metabolism, awarded by the Ministry of University, Science and

	Technology, Roma, Italy (Thesis on FSH-like bioactivity in human pregnancy).
1993-1994	Course on animal experimentation University of Münster, Germany.
1995	Approved as Physician („Approbation als Ärztin“), Münster, Germany.
1997	Course on legal and safety aspects of gene technology, University of Münster, Germany.
1997	„Habilitation“(Privatdozent/Lecturer) for Reproductive Medicine at the Medical Faculty of the University of Münster, Germany.
1998	Appointment as University Professor of Endocrinology and Molecular Biology of Reproduction at the University of Münster, Germany.
1999	Course on direction of collaborators and subordinates.
2007-today	Full Professor of Endocrinology, University of Modena and Reggio Emilia, Italy.
2015	Course on direction and management of clinical units.
2022	Course (revalidation) on direction and management of clinical units.

Fellowships, professional activity, research visits

1985-1987	Fellowship at the Center of Chronoendocrinology, University of Modena, Italy.
1988	Research fellow at the Max Planck Research Group for Reproductive Medicine, University of Münster, Germany.
1989	Research Assistant, University of Modena, Italy.
1990	Alexander von Humbolt fellowship (awarded).
1990-1998	Research Assistant, Institute of Reproductive Medicine, University of Münster, Germany.
1994	Research visit at the Institute of Physiology of the University of Turku, Finland (acquisition of transgenic mice technology).
2000	Research visit at the Department of Molecular Cell Biology, The Weizmann Institute of Science, Rehovot, Israel.
2019-2020	Le Studium- Marie Curie - Fellow (on sabbatical leave) at the National Institute of Agronomic Research (INRA), Nouzilly, France

Clinical and Professional Activity

1990-1998	Research Assistant, Institute of Reproductive Medicine, University of Münster, Germany
1997	Reproductive Medicine Lecturer (Privatdozent), University of Münster, Germany.
1998-2007	University Professor of Endocrinology and Molecular Biology of Reproduction, University of Münster, Germany.
2007-today	Full Professor of Endocrinology (MED 13), University of

2013-today	Modena and Reggio Emilia, Italy. Director of the Unit of Endocrinology, University Hospital, Modena, Italy
2021-2023	Acting Director, Unit of Dermatology, Azienda Ospedaliero- Universitaria di Modena, Italy
2021-today	Director of the Department of Medical Specialties University Hospital of Modena (Italy)

Awards/Grants/Scientific Prizes

1992	Prize of the Italian Society of Endocrinology for the best PhD thesis 1991, Genova, Italy
1993	Prize of the International Society of Andrology for the best miniposter at the 5 th International Congress of Andrology, Tokyo, Japan (travel grant).
1990-1994	German Research Council grant for the project: "Bio and Immunoactivity of FSH and testicular FSH receptors in male infertility".
1994-2001	German Research Council grant for the project: "Mutational analysis of the FSH receptor and transgenic models for the study of FSH effects".
1999	Prize of the Richard Merten Foundation for the organization of an European Quality Control Programme on molecular diagnosis of Y-chromosomal microdeletions.
1999	Prize "Italia" for Scientific Cooperation of the German-Italian Economic Association (DIW) and of the Italian Embassy in Germany
2001-2003	German Research Council grants for the projects: "The Sertoli cell as a signal transducer for spermatogenesis" and "Role of the exon 10 of the LH receptor for discrimination between hCG and LH".
2001	Research grant from the Medical Faculty for the project: "Identification of LH in the marmoset monkey".
2001-2005	German Research Council grant for the project "Role of two polymorphisms in the FSH receptor for the response of granulosa cells to FSH".
2003-2006	German Research Council grant for the project „The dual LH/CG system in primates: role in activation and function of the LH receptor".
2005-2007	Research grant from the Medical Faculty for the project: "Post- transcriptional regulation of human LH receptor function by a new, primate-specific splicing variants".
2006-2009	German Research Council grant for the project: "Long-term suppression of gonadotropins and spermatogenesis in non- human primates by testosterone undecanoate and

	norethisterone enanthate: endocrine and molecular characterisation of response, efficacy, reversibility, and side effects”.
2006-2007	Research grant from the Medical Faculty for the project: “Functional role of the LH receptor exon 10 in the ligand specificity and signal transduction”.
2008-2010	Research grant of the “Fondazione Cassa di Risparmio di Modena” for the project “Molecular pharmacogenetics of response to the follicle-stimulating hormone (FSH): role of FSH receptor variants”
2009-2012	Promoter and manager of the FIRB research grant (Italian Ministry of University and Research) for the project “Diagnostic and therapeutic potential of lysosphingolipids and their mimetics in arteriosclerosis”
2009-2010	Research grant of Ferring International Center S.A. for the project “Molecular effects of LH and hCG on human granulosa cells in vitro”
2009-2010	Research grant of Merck-Serono SpA, Italy, for the project “Two hormones for one receptor: dissecting out LH and hCG activity. An in vitro approach”.
2010	Mobility grant for international collaborations of the University of Modena and Reggio Emilia for a project on “Metabolic syndrome and male infertility”
2010	Research grant for the multicenter project “Idiopathic central hypogonadism (ICH) as an emerging clinical problem: investigations on the disrupted signals underlying its pathogenesis and generation of an efficient national network for its diagnosis and management”. Italian Ministry of Health “Young Italian Researchers 2008”. Local partner.
2010-2012	PI of the clinical trial “Significance of the FSH receptor polymorphism p.N680S for the efficacy of FSH therapy of idiopathic male infertility: a pharmacogenetic approach” (grant from Merck Serono)
2013-2015	PI of the PRIN Project “AMLET” (Italian Ministry of University) with nine participating Units
2012-2015	Member of the COST Action BM1105 “GnRH deficiency: Elucidation of the Neuroendocrine Control of Human Reproduction” (Deputy Management Committee Member)
2015	Grant Fondazione Cassa di Risparmio di Vignola for the project “A new diagnostic algorithm: fertility as a marker of general male health
2015	Conference Grant from the Fondazione Cassa di Risparmio di Modena for the organization of the international EYES meeting (European Society of Endocrinology)
2015	Research grant from Merck for the project “Improving hormone analysis by assessing serum steroids by Liquid

2016-2017	Chromatography-Tandem Mass Spectrometry (LC-MS/MS)"
	Research grant from Ferring for the project "In-depth characterization and comparison of commercial drugs for assisted reproduction (GONADIVY)"
2016	Research Grant from Merck for the study "A multicentre, longitudinal, observational cohort study (open registry) on male-fertility management for subjects in indication for FSH treatment in couples attending assisted reproductive technique (MIRI)". Principal Investigator.
2016-2018	Research grant from Merck for the study GENACOS "A multicentre, longitudinal, cohort, interventional (venipuncture), non-pharmacological study to evaluate the impact of gonadotropin genetics together with ovarian reserve on the clinical outcome of IVF in infertile normo-gonadotropic women treated according to clinical practice" – Acting as central lab.
2017-2020	Participant to PRIN Project "On the pleiotropic role of type 5 phosphodiesterase" (Italian Ministry of Health), coordinated by Prof. E. Jannini (2015XCR88M)
2017-2019	Research grant for the study "In-depth characterization of commercial GnRH antagonists in vitro" (funding: Merck)
2017-2019	Clinical Research Project "Combined therapy with Levo-thyroxin and Liothyronine in thyroidectomized patients (Grant: IBSA)
2020	Special Recognition Award of the European Society of Endocrinology
2020-2022	PRIN Project "Multilevel Machine Learning of toxicogenomic, molecular, endocrine, genotoxic and transgenerational effects of air pollution on reproduction" Coordinator (2017TK7Z8L)
2021-2023	Bill & Melinda Gates Foundation Research Grant on "Non hormonal contraception by nanobodies produced from within the body" (Co-applicant together with Dr. L. Casarini for the Unit of UNIMORE)

Patents

WO/2008/087038: Diagnosis and therapy of diseases relating to a disproportion of luteinizing hormone/chorionic gonadotropin receptor splice variants.
(<http://www.wipo.int/pctdb/en/wo.jsp?WO=2008087038>)

Organisation of Scientific Meetings

1998	10 th Annual Meeting of the German Society of Andrology (Münster, Germany): member of the LOC.
1999	3 rd Postgraduate Course in Molecular and Cellular Endocrinology (Münster, Germany): chairperson of the POC.
1999	Expert Meeting on the molecular diagnosis of Y-chromosomal microdeletions (Nordwijkerhout, The Netherlands):

	chairperson.
1999	1 st German-Italian Symposium “Frontiers in Reproductive Medicine” (Münster, Germany): chairperson.
2000	Best Practice Meeting on the molecular diagnosis of Y-chromosomal microdeletions (L’Aquila, Italy): chairperson.
2000	2 nd German-Italian Symposium “Frontiers in Reproductive Medicine” (Modena, Italy): co-chairperson.
2002	2 nd European Congress of Andrology (Malmö, Svezia): member of the POC.
2002	EAA International Symposium „Genetics of male infertility: from research to clinic“ (Firenze, Italy): member of the POC.
2003	2 nd Best Practice Meeting on Molecular Diagnosis of microdeletions of the Y chromosome (Firenze, Italy): chairperson.
2004	3 rd European Congress of Andrology (Münster, Germany): chairperson of the POC.
2005	7 nd European Congress of Endocrinology (Göteborg, Sweden):member of the POC.
2005	49 th Congress of the German Society of Endocrinology (Münster, Germany): member of the POC.
2006	14 th European Testis Workshop, Bad Aibling, Germany. Member of the POC.
2007	9 th European Congress of Endocrinology, Budapest, Hungary: member of the POC.
2007	2 nd DVR Congress Bonn, Germany, member of the POC.
2008	20 th Congress of the German Society of Andrology, Halle, Germany: member of the POC
2009	SSIF Conference “New Frontiers in Fertility”, Lisbon, Portugal: member of the Scientific Committee
2010	IFFS 20 th World Congress on Fertility and Sterility, Munich, Germany. Member of the National Advisory Board.
2010	9 th Congress of the Italian Society of Andrology and Medical Sexology, Modena, Italy. Co-President of the LOC
2011	13 th European Congress of Endocrinology, Rotterdam. The Netherlands): member of the POC.
2017	Co-president of the international meeting on gonadotropins and gonadotropin receptor “ICGR-IV 2017 and 12 th GnRH Symposium” Modena, Italy, 20-23 September 2017
2019	Co-president of the international meeting on “Targeting GPCR to generate life, preserve the environment and improve animal breeding: technological and pharmacological challenges,” Tours, France
2026	14 th European Congress of Andrology, Modena, President
2001-2004	Membership in the Editorial Board of Scientific Journal Associate Editor of “Human Reproduction”

2005-2013	Member of “Faculty of 1000 – Medicine”
2006-2009	Member of Editorial Board of “Endocrinology”
2008-2009	Member of Editorial Board of the “Journal of Molecular Endocrinology”
2009-2012	Senior Editor of the “Journal of Molecular Endocrinology”
2010-2012	Member of the Editorial Board of the “Journal of Clinical Endocrinology and Metabolism”
2013-2016	Senior Editorial Board Member of the “European Journal of Endocrinology”
2013-2015	Editorial Board Member of “Minerva Endocrinologica”
2015-2018	Editorial Board Member of “Molecular & Cellular Endocrinology”
2017-2021	Editor-in-Chief of ANDROLOGY (official journal of the European Academy of Andrology and the American Society of Andrology)
2018	Guest Editor of a Special Issue of Molecular and Cellular Endocrinology on “Molecular Endocrinology of Sexual Behaviour”
2018-2019	Guest Editor of Frontiers in Endocrinology Research Topic “Follicle-Stimulating Hormone: beyond fertility”
2019-	Editorial Board Member of “Reviews in Endocrine and Metabolic Disorders”
2022	Guest Editor of Frontiers in Endocrinology Research Topic “Follicle-Stimulating Hormone: beyond fertility” (volume 2)

Membership in Scientific Societies

Italian Society of Endocrinology (SIE)
German Society of Endocrinology (DGE) (until 2008)
German Society of Andrology (DGA) (until 2008)
European Society of Human Reproduction and Embryology (ESHRE) (until 2008)
Italian Society of Andrology and Medical Sexology (SIAMS)
European Society of Sexual Medicine (ESSM)
European Academy of Andrology (EAA: Academician)
German Society of Reproductive Medicine (DGRM) (until 2008)
European Society of Endocrinology (ESE)
Endocrine Society (2016-2017)

Activity in Scientific Societies

2002-2010	Member of the executive council of the European Academy of Andrology.
2006-2007	Member of the executive council of the German Society of Reproductive Medicine.
2009-2010	Member of the Scientific Committee of the Italian Society of

2010-2014	Andrology and Medical Sexology Member of the Executive Council of Italian Society of Andrology and Medical Sexology
2014-2018	Secretary of the European Society of Endocrinology
2017-2021	Ex-officio Member of the executive council of the European Academy of Andrology

Reviewer for Research Foundations/Organisations

Alexander-von-Humboldt Foundation (DE)
 AMC Research Institutes Amsterdam (NL)
 ANR (Agence Nationale de la Recherche) (FR)
 Australian Academy of Health and Medical Sciences
 Enterprise Estonia (EE)
 Estonian Science Foundation (ETF)
 European Commission, FP7 (EU)
 European Commission, Horizon 2020 (EU)
 European Commission, Horizon Europe (EU)
 European Commission, Pathfinder Open (EU)
 Flamish Research Organization (FWO, BE)
 German Research Foundation (DFG, DE)
 Leibniz-Gemeinschaft (DE)
 INSERM (FR)
 Italian Ministry of University and Scientific Research: research projects evaluation and Expert of the Council for the research evaluation (CIVR).
 Ministry of Health of the Czech Republic
 MRC (UK)
 National Science and Technology Board (NSTB) Singapore
 Research Promotion Foundation (RPF) of Cyprus
 Regione Lazio (IT)
 Slovenian Research Agency
 Science Foundation Ireland
 Scottish Hospital Endowments Research Trust (SHERT, UK)
 SPARKS (The children's medical research charity, UK)
 United States-Israel Binational Science Foundation (BSF, USA)
 University of Giessen (DE)
 University of Padova (IT)

Reviewer for Scientific Journals

Ad-hoc reviewer for over 50 international scientific journals

Other Activities

2000-2008	Secretary of the "Klinische Forschergruppe
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2000-2002	Reproduktionsmedizin e.V.", Münster, Germany Vice-President of the association for the Scientific and Industrial Cooperation between Germany and Italy (ACIS).
2000-2009	Co-ordinator of the International External Quality Assessment Scheme for the Molecular Diagnosis of Y-Chromosomal Microdeletions – EQAS Y Chromosome - (on behalf of the European Academy of Andrology and of the European Molecular Genetics Quality Network)
2009-2014	Treasurer of the „Associazione Scientifica in Endocrinologia, Andrologia e Metabolismo, Carpi, Italy.
2014-2016	Member of the Committee “Future of Academic Medicine” of the German Science Council (Wissenschaftsrat).

Languages (written and spoken):

Italian (mother language)
English (level C2)
German (level C2)

Addresses

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I - 41126 Modena

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BIBLIOMETRY (Scopus)	361 Publications H-Index: 74 Citations: 17,891
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