



UNIVERSITA' DEGLI STUDI DI ROMA "TOR VERGATA"
DIPARTIMENTO DI BIOMEDICINA E PREVENZIONE

MARCO BARCHI, Ph.D.

Nationality:

Italian

CONTACT:

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EDUCATION

University of Rome Tor Vergata, Rome, Italy

Ph.D. in Medical Embryology, Feb. 2000

University of Rome "La Sapienza", Rome, Italy

Bachelor of Sciences (*Cum Laude*), Feb. 1996

EMPLOYMENT AND RESEARCH EXPERIENCE

University of Rome "Tor Vergata", Rome, Italy

- Associate Professor of human anatomy, Department of Biomedicine and Prevention, 2022 – to date
- Researcher and Assistant Professor of human anatomy, Department of Biomedicine and Prevention, 2006 –2021
- PhD. Student, Department of Biomedicine and Prevention, with Prof. Raffaele Geremia, 1996-2000
- Research Fellow, Department of Physiology, with Prof. Stefano Rufini

Memorial Sloan-Kettering Cancer Center, New York, NY, USA

- Post-doc with Dr. Maria Jasin, 2002-2006

Columbia University in the City of New York, USA

- Post-doc with Dr. Lili Yamasaki, 2001-2002



Italian National Agency for New Technologies, Energy and the Environment (ENEA), Anguillara, Italy

- Undergraduate student with Dr. Anna Giovanetti, 1993-1995

Scientific national qualification - associate and/or full professor rank -

Full Professor rank

- | | |
|------------------------|-----------------|
| 1. Veterinary anatomy. | 07H1 (ASN 2024) |
| 2. Human anatomy | 05H1 (ASN 2018) |
| 3. Applied Biology | 05F1 (ASN 2016) |

Associate Professor rank

- | | |
|----------------------|-----------------|
| 1. Human anatomy | 05H1 (ASN 2015) |
| 2. histology | 05H2 (ASN 2014) |
| 3. Genetics | 05I1 (ASN 2014) |
| 4. Applied biology | 05F1 (ASN 2014) |
| 5. Molecular Biology | 05E2 (ASN 2014) |

FULL LIST OF PUBLICATIONS (Orcid ID: 0000-0003-1104-6234)

available at <https://pubmed.ncbi.nlm.nih.gov/?term=barchi+marco>

SCIENTIFIC INDEX

h-index: 26 (Google Scholar); 24 (Scopus)

i- 10 index: 34 (Google Scholar)

RESEARCH SUPPORT

- Fondo di Beneficienza Intesa Sanpaolo 2023 (24 months). Agency: Intesa Sanpaolo Bank. Role: **Principal Investigator**
- Gruppi di Ricerca 2020 (24 months). Agency: LazioInnova. Role: **Principal Investigator**
- Mission Sustainability Grant (18 months). Agency: University of Rome Tor Vergata. Role: **Principal Investigator**
- Telethon Grant 2012 (36 months). Agency: Telethon Foundation. Role: **Coordinator**
- PRIN 2010-2011 (36 months). Agency: Ministry of University and Scientific Research of Italy (MIUR). Role: **Unit Principal Investigator**
- Cooperlink Grant 2011 (24 months). Agency: MIUR. Role: **Principal investigator**



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- Italian Association for Cancer Researcher (AIRC) Grant, 2007 (36 months). Agency: AIRC. Role: **Principal Investigator**
- "Brain Gain Grant" (Rientro dei Cervelli) 2005, (48 months). Agency: MIUR. Role: **Principal Investigator**

HONORS

Fellowships:

- 2003-2005, American-Italian Cancer Foundation, at Memorial Sloan-Kettering Cancer Center, USA. Mentor: Maria Jasin.
- 2003-2005, The Lalor Foundation, at Memorial Sloan-Kettering Cancer Center, New York, USA. Mentor: Maria Jasin.
- 1999, Short Term Mobility Fellowship from the National Research Center (CNR) of Italy, at University of California UC Davis, USA. Mentor: Richard Nuccitelli.

Awards:

2008 - Research prize Award from the Department of Public Health and Cell Biology, University of Rome Tor Vergata (code 020902081).

INVITED/SELECTED SPEAKER AT NATIONAL/INTERNATIONAL SCIENTIFIC MEETINGS AND UNIVERSITIES

- Selected speaker, 78th Congress of Società Italiana Scienze Veterinarie (SISVET), Jun 10-12, Giardini Naxos, Sicily, Italy.
- Invited speaker, 3rd congress of Klinefelter Italian Group (KING), Humanitas, Rozzano, Milan, Italy.
- Selected speaker at the 3^o International Workshop on Klinefelter Syndrome, Trisomy X, and XYY, Leiden University, Netherlands.
- Invited speaker at the Doctoral School in Natural Science and Engineering, University of Verona, 10-01-2020. Title of the seminar: "*DNA recombination in male germ cells and in testicular cancer*". Invited by Prof. Daniele Guardavaccaro.
- XV FISV Congress, University of Rome "La Sapienza", September 18-21, 2018 (invited)
- The Klinefelter Syndrome. Meeting of the Italian society of Andrology and Sexual Medicine, Padova Sept. 16th 2017 (invited)
- XIV FISV national Congress, Rome 20-23 September, 2016 (selected)
- 17th European Testis Workshop. Stockholm April 20-24, 2012 (selected)
- EMBO conference Series, MEIOSIS, September 17-21, 2011, Capaccio/Paestum, Italy (invited)
- 16th European Testis Workshop, May 8-12, 2010, Elba Island, Italy (selected)



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- VIII Congress of Italian Federation of Science (FISV). Riva del Garda, Italy, September 28, 2006 (invited)
- Italian National Center (CNR) "seminar events", 2006, Napoli, Italy, January 16th, 2006 (invited)
- 7th EMBO meeting on Meiosis, Spain September 13-18, 2005 (selected)

MENTORSHIP

Postdocs:

(Current position indicated) (1 total)

Cinzia Caggiano (Research Fellow at Santa Lucia Scientific Institute, Rome, Italy)

Ph.D. Students:

Completed dissertation in my laboratory (current position indicated) (4 total)

Francesca Cavallo (Post-doc at Memorial Sloan-Kettering Cancer Center, USA);

Cristina Antinozzi (Researcher at the University of Rome "Foro Italico", Italy);

Monica Faieta (Professional at GENOMA-Molecular Genetics Laboratory, Rome, Italy); Erika Testa (Post-doc at the Cattolica University of Rome)

Teresa Giannatasio (Post-doc at the University of Rome Tor Vergata)

Matteo Lampitto (currently PhD student in Dr. Barchi's lab)

Research Fellows:

Stefano Di Cecca (Research fellow Ospedale Bambino Gesù, Rome)

Daniela Nardozi (post-doc, University of Heidelberg, Germany and Sapienza University, Rome)

Undergraduate Students:

Via the University of Rome "Tor Vergata", undergraduate program (subsequent training and/or current position indicated) (4 total)

Roberto Magliozzi (Post-doc with Daniele Guardavaccaro at Hubrecht Institute, Netherlands)

Claudia Montanari (Food Consultant at Nature House)

Simone Balsano (Biology analyst at Alessandrini analysis Laboratory, Rome, Italy)

Luisa Guttieri (Trainee at the University of Rome "Tor Vergata" with Prof. M. Campanella, Rome, Italy.)

EXTRAMURAL SERVICES



Editorial Review

- Co-Editor of the volume Germ Cell Development, Methods and Protocols, in Methods in Molecular Biology 2770, Springer-Nature
- Guest Editor, for the Special issue on "Germ Cells Development and Genitourinary Cancers" (2020-2022). International Journal of Molecular Science (IJMS).
- Guest Editor, for the Special Issue on "Recent advances in Meiotic Chromosome Structure, Recombination and Segregation". Chromosoma (2015-2016)
- Biomedicine & Prevention, Board Editor and Managing Editor (2016 to date)
- Ad hoc reviewer. PLOS Genetics, Developmental Biology, Chromosoma, Biomedicine & Prevention, Journal of Genetic Syndromes & Gene Therapy, Journal of Health & Medical Informatics, Journal of Visualized Experiments

Reviewer of International and National Grants

- Israel Science Foundation (ISF) rounds 2013, 2016, 2020
- Member of "Register of expert reviewers for Italian Scientific Evaluation" (REPRISE)
- University of Verona, Grant Call "Basic Research Grants 2019"
- University of Florence, Bando di Ateneo per il finanziamento di progetti competitivi per Ricercatore a Tempo Determinato (RTD) dell' Università di Firenze. Round 2020-2021
- Fondo Integrativo Speciale per la Ricerca (FISR) Covid-19 2020.

SCIENTIFIC SOCIETIES

- Associazione Morfologi Veterinari (AMV), 2024 to date
- Italian Association of Environmental Mutagenesis and Genomics (SIMAG) – 2016-2024
- Italian Society of Andrology and Sexual Medicine (SIAMS) - 2016 to date
- European Society of Human Reproduction (ESHRE) - 2014/2015
- Klinefelter Italian Group (KING) - 2019 to date
- Italian Germ Cell Cancer Group (IGG) - 2019 to date

Il sottoscritto, consapevole delle sanzioni previste dal codice penale, e dalle leggi speciali nei confronti di chiunque rilasci dichiarazioni mendaci, consapevole altresì della possibilità di decadere dai benefici conseguenti a eventuali provvedimenti emanati sulla base di dichiarazione non veritiera dichiara:



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- che quanto dichiarato nella domanda e nel curriculum vitae corrisponde a verità - art. 46,
D.P.R. 445/2000;

*Autorizzo il trattamento dei miei dati personali ai sensi del Decreto Legislativo 30 giugno 2003, n. 196
"Codice in materia di protezione dei dati personali", e ai sensi degli articoli 13 e 14 del Regolamento
UE 2016/679.*

ROMA 30/05/2025