UNIVERSITÀ DEGLI STUDI FIRENZE

Area Affari Generali e Legali
Centrale Acquisti

DECRETO DEL DIRIGENTE

G037_2023 Gara europea a procedura telematica aperta ex art. 71 d. lgs 36/2023 per l'affidamento di fornitura di uno strumento per analisi spaziale multi-omica (trascrittomica e proteomica) in situ single cell, inclusi servizi di manutenzione/garanzia per 48 mesi da destinare all'allestimento del laboratorio del Dipartimento di scienze biomediche sperimentali e cliniche "Mario Serio" aggiudicato in base al criterio dell'offerta economicamente più vantaggiosa, ai sensi dell'art. 108 comma 2 lettera c del d.lgs. 36/2023. CUI F01279680480202400023. importo a base di gara: € 405.000,00 oltre iva di legge; oneri per la sicurezza da interferenze non soggetti a ribasso: € 0,00. CPV 38432000-2. - Decreto di nomina della Commissione Giudicatrice ex art. 93 D. Lgs. 36/2023.

Il Dirigente,

VISTO il d.lgs. n. 36/2023 recante *"Codice dei contratti pubblici"* e relativi allegati;
VISTO lo Statuto dell'Università degli Studi di Firenze;
VISTO il Regolamento di Amministrazione, Finanza e Contabilità dell'Università degli Studi di Firenze;
VISTO il d.lgs. 165/2001 e ss.mm.ii.;
VISTA la normativa vigente in materia di anticorruzione e trasparenza, il Piano Triennale per la Prevenzione della Corruzione e della Trasparenza dell'Università degli Studi di Firenze e il Decreto rettorale del 8 febbraio 2016, n. 98 - Codice di comportamento dell'Università degli Studi di Firenze;
RICHIAMATA la Decisione di contrarre Rep. n. 1154/2024 Prot. 154281 del 3 luglio 2024, con cui è stata indetta la procedura in oggetto da aggiudicare con il criterio dell'offerta economicamente più vantaggiosa, ai sensi dell'art. 108 comma 2 lettera c) del d.lgs. 36/2023;
DATO ATTO che:

- in data 3 luglio 2024 è stata pubblicata sul sistema telematico START la procedura ID 029217/2024, in oggetto, con scadenza per la presentazione delle offerte al 5 agosto 2024 ore 12:00;
- alla scadenza del termine risultavano presentate n. due (2) candidature;

RICHIAMATO il verbale di gara rep. n.11/2024 prot. 209071 del 11 settembre 2024, relativo alla fase di apertura e valutazione delle buste amministrative;

RILEVATA la necessità di provvedere alla nomina della Commissione Giudicatrice preposta all'esame delle offerte, da costituirsi con un numero di n. 3 componenti, esperti nella materia oggetto del contratto;

PRESO ATTO della nomina dei componenti la Commissione Giudicatrice come indicati dal rup dott.ssa Barbara Napolitano con mail prot. 210591 del 12 settembre 2024;

VALUTATA la qualificazione, anche mediante esame degli allegati *curricula*, dei seguenti soggetti ai fini della nomina a componente della Commissione Giudicatrice:

- Dott.ssa Michaela Luconi, Professore Ordinario afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Presidente);
- Dott.ssa Laura Lasagni, Professore Associato afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Commissario);
- Dott. Andrea Morandi, Professore Associato afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Commissario);

RICEVUTA la disponibilità dei suddetti allo svolgimento dell'incarico;

ACQUISITE le dichiarazioni (conservate agli atti) dei nominandi commissari da cui risulta, con riferimento agli operatori economici che hanno rimesso offerta, che non sussistono cause di conflitto d'interesse e di incompatibilità ai sensi della normativa vigente;

RITENUTO di dare attuazione alle disposizioni legislative di cui all'art. 28 co.2 del d.lgs. 36/2023, mediante pubblicazione del presente provvedimento e dei curricula allegati prodotti dai membri della Commissione Giudicatrice, sul profilo del committente Unifi, nella sezione Amministrazione Trasparente - Bandi di gara e contratti, nonché sull'Albo on line della stazione appaltante;

DATO ATTO che tutti gli atti della presente procedura di gara, oltre che sul sistema telematico START e sul profilo committente, sono disponibili anche presso l'Ufficio Centrale Acquisti dell'Università degli Studi di Firenze, via Capponi n.7, primo piano;

ciò premesso,

DECRETA

a) la nomina, ai fini della valutazione delle offerte presentate, relative all'affidamento della fornitura in oggetto, della seguente Commissione Giudicatrice, ai sensi dell'art. 93 d.lgs. 36/2023:
   - Dott.ssa Michaela Luconi, Professore ordinario afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Presidente);
   - Dott.ssa Laura Lasagni, Professore Associato afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Commissario);
   - Dott. Andrea Morandi, Professore Associato afferente al Dipartimento di Scienze Biomediche, Sperimentali e Cliniche "Mario Serio" (Commissario);

b) segretario verbalizzante Dott.ssa Francesca Bellezzi - Funzionario Amministrativo, afferente alla Centrale Acquisti; segretario supplente: dott.ssa Caterina Mameli - Università degli studi di Firenze, afferente alla Centrale Acquisti, Università di Firenze;

c) nessun compenso è dovuto per l'attività di cui al presente Decreto;

d) di procedere alla pubblicazione del presente provvedimento e relativi *curricula* sul profilo del committente Unifi, nella sezione Amministrazione Trasparente - Bandi di gara e contratti, nonché sull'Albo on line della stazione appaltante, ai sensi e per gli effetti dell'art. 28 co.2 del d.lgs. 36/2023, oltre che sulla PAD ex art. 25 e ss codice.

Il Dirigente

Dott. Massimo Benedetti

Firmato digitalmente da: MASSIMO BENEDETTI
Data: 12/09/2024 15:33:50 CEST

Allegati:

1. Curricula Commissari

PERSONAL INFORMATION

Michaela Luconi

Dept. Experimental & Clinical Biomedical Sciences (SBMC),
University of Florence viale Pieraccini 6, 50139 Florence-Italy
Tel +39 055 2758239

(+39) **********

michaela.luconi@unifi.it **CF** **********

Date of birth: ********** | Place of Birth: ********** | Nationality: Italiana
Family status **********

Employment **Full Professor in Applied Medicine SSD MED/50 University of Florence**

Head of Research Laboratory: The Biology of the adipose organ & of the adrenal tumours

Orcid number ID 0000-0001-5186-064X Scopus ID 7003464354
Research ID K-6693-2016

PROFILE

Prof. Michaela Luconi is a biologist, PhD, specialized in cell biology and endocrinology. She started her research in the field of the pathophysiology of male reproduction, contributing to the knowledge of the cellular/molecular mechanisms underlying male pathologies leading to infertility. Since Professorship she is now mainly focused on investigating the basis of metabolic dysfunctions, developing human cell and tissue models of the adipose organs to study the biology of the adipose stem cell in physiology and metabolic disorders. In the cancer field, she is interested in the study of the biology of endocrine tumors and of tumor microenvironment's role in modulating cancer progression and response to therapies, through the development of in vitro cell and in vivo animal translational models and analysis of biopsies and fluids of cancer patients to develop new diagnostic/prognostic biomarkers and novel therapeutic strategies. Translational application of the "liquid biopsy" for tumor is one of her main interest in cancer.

Head of Laboratory: The biology of the adipose organ & of the adrenal tumours (SBSC-UNIFI)
www.sbsc.unifi.it/vp-232-gruppo-luconi.html

Main fields of interest in research and main achievements in the field of endocrinology and cancer:

1. The biology of the adrenal tumors: cell and clinical models for the development of novel cancer biomarkers
2. Models of metabolic interaction between tumors and tumor microenvironment
3. The liquid biopsy and circulating tumor cells as diagnostic/prognostic and monitoring factors in endocrine tumors
4. Pathophysiology of the adipose organ and of the metabolic disorders
5. Stem cells in the adipose lineage: white, brown and brite fat
6. Cell and tissue in vitro human models of adipose system (subcutaneous, visceral, brown fat)
7. Pharmacological and cellular mechanisms of anti-diabetic drugs (GLP-1 analogues and SGLT inhibitors)
8. Intracellular mechanisms of the inflammatory response

SCIENTIFIC METRICS

Number of Publications peer reviewed): 174 Papers; 21 Book Chapters; 2 patents
Total Impact Factor: 916 (2023); Mean 5.7
H-index 2024: 54 (Scopus) 63 (Google Scholar)
Citations: 7430 (Scopus) 10293 (Google Scholar)
29 first, 48 last authorship/correspondence; 34 review; 4 editorials
https://www.scopus.com/authid/detail.uri?authorId=7003464354
https://scholar.google.com/citations?hl=it&user=3Hq9_pUAAAAJ

SCIENTIFIC NATIONAL ABILITATION

15 october 2018-15 october 2024

National Scientific Abilitation Professore di I fascia
Settore concorsuale 06/N1 Scienze delle professioni sanitarie e delle tecnologie mediche applicate
Commissione nazionale per l'ASN settore concorsuale 06/N1, bando 2016-2018

9 june 2014-9 june 2020 **National Scientific Abilitation Professore di I fascia**
Settore concorsuale 06/N1 Scienze delle professioni sanitarie e delle tecnologie mediche applicate
Commissione nazionale per l'ASN settore concorsuale 06/N1, bando 2012

EDUCATION AND TRAINING

2001-2005 Postgraduate School Fellow in Human Genetics
Dept. Clinical Pathophysiology/University of Florence/Italy Frequenza Scuola Specializzazione in Genetica Medica Università degli Studi di Firenze

1999 **PhD in Endocrinology and Metabolism**
Dept. Clinical Pathophysiology/University of Florence/Italy (nov 1995-nov 1998-X ciclo)
Thesis: Il recettore di membrana per il progesterone: caratterizzazione e attivita' biologica di un nuovo tipo di recettore steroideo non genomico negli spermatozoi umani

1994 Abilitation to Biologist
150/150
Registry n. AA_045309

1993 **MSc Degree in Biology (summa cum laude) -5 years Biochemistry/University of Florence/Italy**
Thesis: Effetto stimolatorio di un inositolo fosfoglicano sul metabolism glicolitico in piastrine umane

WORKING EXPERIENCE

Current position

1st March 2020 - Full Professor in Applied Medical Sciences SSD MEDS-26D
Dept. Experimental & Clinical Biomedical Sciences
University of Florence

Previous positions

Feb 2005-feb 2020 Associate Professor in Applied Medical Sciences SSD MED/50
Dept. Experimental & Clinical Biomedical Sciences
University of Florence

Feb 2005-Feb 2020 Referent Biologist Endocrine Diagnostic Laboratory: Genetics of adrenal tumor and paragangliomas; steroid hormone analysis in mass spectrometry/Careggi Hospital (AOUC)/Florence/Italy

2019-2020 Referent of the SOD of Endocrinology Laboratory for Quality & Security (Q&S) Careggi Hospital (AOUC)/Florence/Italy

2000-2005 Senior Technician Reproductive Biology/Real Time Diagnostic Service: HbA1c, sex and adrenocortical hormones
Dept. Clinical Pathophysiology/University of Florence/Italy

1999-2005 PostDoc Researcher in Endocrinology
Dept. Clinical Pathophysiology/University of Florence/Italy

Scientific Mobility

2019 Visiting Professor Semmelweis University, Budapest, HU - Prof. Peter Igaz
2018 Visiting Professor Brunel University, London, UK - Prof. Emmanouil Karteris
2016 Visiting Professor Warwick University, WarwicK, UK – Prof. Ponnusamy Saravanan
2014 Visiting Professor ERASMUS PLACEMENT PhD School Technisch Universitat Dresden-Germany-Prof. T.Chavakis
2014 Visiting Professor Helmholtz Zentrum München-Germany-Prof. N. Pellegata
2013 Visiting Professor Technisch Universitat Dresden-Germany-Prof. T.Chavakis
2013 Visiting Professor University of Barcelona-Spain-Prof. F. Villarroya
2002 Visiting Fellow University Mendoza, Argentina-Prof. M.Fornes
2001 Visiting Fellow University Pennsylvania Medical Center, Philadelphia,USA-Prof.. G.Kopf
1998 Visiting Fellow Centre for Reproductive Medicine, Bruxelles,BE-Prof. P.Devroy
1998 Visiting Fellow EMBL Heidelberg/Germany–Prof. F.Gannon

Institutional Responsabilities

2023-today	Referent of the Dept for the Technology Transfer Programs at University of Florence
2021-today	Teaching Committee Dept. Experimental & Clinical Biomedical Sciences, University of Florence
2021-today	Scientific Referent of the Florence ENS@T Center of Excellence
2020-today	Referent of the Pathophysiology Section of Dept. Experimental & Clinical Biomedical Sciences, University of Florence
2020-today	Referent of the Repository of biological samples of the European Network for the Study of Adrenal Tumours (ENS@T)
2018-today	Referent of the Repository of human adipose cells and adipose tissue-CRI-TE AOU Careggi
2018-today	Board Master II level "Biologia e Tecnologie della Riproduzione", Coordinator Prof. Elisabetta Baldi, University of Florence
2016-2020	Scientific Committee Dept. Experimental & Clinical Biomedical Sciences, University of Florence
2015-today	Referent for the School of Medicine of Erasmus Placement Program, University of Florence/Italy Università degli Studi di Firenze
2005-today	Member of the Collegium for PhD in Biomedical Sciences-Endocrine, Molecular and Regenerative Biotechnologies/University of Florence/Italy
2013	Member of the Erasmus Placement Program Panel: Department of Clinical Pathobiochemistry, University of Dresden/Germany PhD/MD Program in Molecular Endocrinology
2012-2017	Scientific Committee of the Excellence Center DENOTHE/University of Florence/Italy

Commissions of Trust

2024-today	Evaluator of ERA Chair HORIZON WIDERA 2023 TALENTS
2021-today	Management Committee Cost Action CA20122 - Harmonizing clinical care and research on adrenal tumours in European countries
2021-today	Scientific Committee of the Centro di Ricerca e Innovazione sulle Patologie Surrenaliche -CRISP- Azienda Ospedaliero-Universitaria Careggi
2020-today	Executive Committee of the Italian Collegium of Applied Medicine SSD MED/50
2019-today	H2020 – Expert group JRC / Joint Research Center for Metabolic diseases
2019-today	Executive Commission European Network for the Study of Adrenal Tumors ENS@T
2019-16 Sept	Referent of the Research Biobank Program Centro di Ricerca ed Innovazione Tissue Establishment (CRI-TE) Azienda Ospedaliero-Universitaria Careggi
2015-today	Scientific Board ENS@T European Society
2014-2020	Biology Board of the Italian Society Endocrinology
2014-today	VC/Evaluator Marie Sklodowska-Curie Horizon2020: Life Science panel REA
2010-2013	Evaluator for Marie Curie Marie Curie FP7: Life Science panel REA
2013-2015	Scientific Board ENS@T European Society

Inter-University Consortia

2019-today	Member of the inter-university Consortium INBB "Istututo Nazionale Biostrutture e Biosistemi"

2022-today Centro interdipartimentale di Ricerca per la Valorizzazione degli Alimenti UNIFI-director Prof. Francesco Sofi (CeRA)

Commissions for Academy

2023 Membro Commissione per Procedura selettiva per l'assunzione di un ricercatore di tipo A nell'ambito del PNRR 2022RUAPNRR_CN_EI_02 - DIMED, per il settore concorsuale 06/N1 - SCIENZE DELLE PROFESSIONI SANITARIE E DELLE TECNOLOGIE MEDICHE APPLICATE (profilo: settore scientifico disciplinare MED/46 - SCIENZE TECNICHE DI MEDICINA E DI LABORATORIO) ai sensi dell'art. 24 comma 3 lettera A della Legge 30 dicembre 2010, n. 240 bandita con Decreto Rettorale n. 4850 del 18 novembre 2022 - progetto "National Center for Gene Therapy and Drugs based on RNA Technology ".
Università degli Studi di Padova

2022 Membro Commissione per Procedura selettiva per l'assunzione di un ricercatore di tipo A nell'ambito del PNRR 2022 SETTORE CONCORSUALE 06/N1 SETTORE SCIENTIFICO DISCIPLINARE MED/50 PRESSO IL DIPARTIMENTO DI SCIENZE BIOMEDICHE, SPERIMENTALI E CLINICHE "MARIO SERIO" DELL'UNIVERSITA' DEGLI STUDI DI FIRENZE- D.R. n. 1488 del 7 dicembre 2022
Università degli Studi di Firenze

2021 Membro Commissione per PROCEDURA VALUTATIVA PER LA COPERTURA DI N. 1 POSTO DI PROFESSORE DI SECONDA FASCIA PER IL SETTORE CONCORSUALE 06/N1 SETTORE SCIENTIFICO DISCIPLINARE MED/50 PRESSO IL DIPARTIMENTO DI SCIENZE MEDICHE, ORALI E BIOTECNOLOGICHE DELL'UNIVERSITÀ DEGLI STUDI "G. d'ANNUNZIO" DI CHIETI-PESCARA, AI SENSI DELL'ART. 24, COMMA 5, DELLA LEGGE 240/2010 – BANDITA CON D.R. N. 655/2021 DEL 24/05/2021
Università degli Studi di Chieti e Pescara

2021 Membro Commissione per Procedura valutativa per l'assunzione di n. 1 RTD A, Dipartimento di Medicina Sperimentale – Facoltà di Medicina e Odontoiatria per il Settore Concorsuale 06/N1settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD MED/50) - D.R. n. 3654/2021 del 29.12.2021-cod 2021POR056
Università degli Studi di Roma La Sapienza

2021 Membro Commissione per Procedura selettiva per l'assunzione di n. 1 RTD B, Dipartimento di SBSC settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD MED/50) - DR n.1763 del 25.11.2021
Università degli Studi di Firenze

2020 Membro Commissione per Procedura selettiva per l'assunzione di n. 1 RTD A, Dipartimento di SBSC settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD MED/50) - DR n.1172 del 19.10.2020
Università degli Studi di Firenze

2020 Membro Commissione per Procedura selettiva per l'assunzione di n. 1 Professore Associato, Dipartimento di Medicina Sperimentale e Clinica settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD MED/46) - D.R. n. 859 del 23/07/2020
Università degli Studi della Magna Grecia

2017 Membro Commissione per Procedura selettiva per l'assunzione di n. 1 RTD A, Dipartimento di SBSC settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD MED/50) - DR n.976 del 13.10.2017

Università degli Studi di Firenze

2015 Membro Commissione per Procedura selettiva per l'assunzione di n. 1 RTD A, Dipartimento di Medicina – DIMED settore concorsuale 06/N1 - Scienze delle professioni sanitarie e delle tecnologie mediche applicate (profilo: SSD M-EDF/01) - DR n.392 5.2.2015
Università degli Studi di Padova

Editorial Board

2022-today *Vitamins & Hormones Academic Press/Elsevier* Editorial Board
2019-today Associate Editor *Cancers*
2019 Topic Editor for *Frontiers in Endocrinology "Stem cells in endocrine tumors"*
2017-today Associate Editor *International Journal of Endocrinology*
2013-today Associate Editor *Frontiers in Endocrinology, Oncology*
2012-today Associate Editor *Applied Cell Biology*
2009-today Associate Editor *Inflammation & Allergy - Drug Targets*
2005-2008 Editorial Board *Società Italiana di Andrologia Medica*

Internationalization Activity

Incoming Visiting Professors

April 2023 Prof. Ronald R. De Krjger- Princess Máxima Center for pediatric oncology di Utrech, NL
June .2022 Prof. Joan Villarroya – University of Barcelona, Spain
June-July 2017 Dr. Enzo Lalli - Université Côte d'Azur and CNRS Sophia Antipolis, Valbonne, France
March-July 2016 Dr. Anthony Scimè - Molecular, Cellular and Integrative Physiology, Faculty of Health, York University, Toronto, Ontario, Canada

Incoming International PhD students

Oct 2019-Oct 2020 Diego Assis Gonçalve, PhD Student in Imunologia e Doenças Infecto-parasitárias- Universidade Federal de Juiz de Fora, Brazil

March-Dicember 2020 Carme Grau-Bové, PhD student in MoBioFood Research Group, Universitat Rovira i Virgili-Tarragona (Spain)

Congress Organization

2021 ENS@T 20th Scientific Symposium, e-Congress-30 Sept-2 Oct 2021, Zurich, CH
2020 Scientific Committee 19th ENS@T Scientific eSymposium - 6 Nov 2020, Zurich, CH
2018 Local Organizing Committee 17th ENS@T Scientific Meeting - 22-23 Nov 2018, Florence, Italy

TEACHING ACTIVITY
BSC & MSC

CdL B121 BIOTECNOLOGIE MEDICHE E FARMACEUTICHE SCUOLA SSU
Insegnamento B029437 - ADVANCED BIOTECHNOLOGIES IN MEDICINE-CFU 2.0
Insegnamento B030329 - METODOLOGIA DELLA RICERCA SCIENTIFICA-CFU 3.0
Insegnamento B029482 - LABORATORY TECHNIQUES IN SPERMATOLOGY-CFU 0.5

CdL B184 - SCIENZE DELLE PROFESSIONI SANITARIE DELLA PREVENZIONE SCUOLA SSU
Insegnamento B020270 – METODOLOGIA DELLA RICERCA
Modulo B020273 - SCIENZE TECNICHE MEDICHE APPLICATE-CFU1.0

CdL B183 - SCIENZE DELLE PROFESSIONI SANITARIE TECNICHE DIAGNOSTICHE SCUOLA SSU
Insegnamento B020344 – METODOLOGIA DELLA RICERCA
Modulo B020348 - SCIENZE TECNICHE MEDICHE APPLICATE-CFU1.0

CdL B178 - ASSISTENZA SANITARIA SCUOLA SSU
Insegnamento B030105 - METODOLOGIA DELLA RICERCA
Modulo B030109 - METODOLOGIA DELLA PROFESSIONE DI ASSISTENTE SANITARIO PER LA RICERCA, L'OSSERVAZIONE E L'ANALISI DEI BISOGNI-CFU1.0

CdL B179 - SCIENZE DELLE PROFESSIONI SANITARIE DELLA PREVENZIONE SCUOLA SSU triennale
Insegnamento B025351-METODOLOGIA DELLA RICERCAAPPLICATA ALLA PREVENZIONE -
Modulo B025355-SCIENZE TECNICHE E MEDICHE APPLICATE-CFU 3.0
Insegnamento B025346-SCIENZE DELLA PREVENZIONE APPLICATE ALL'AMBIENTE –
Modulo B025350-SCIENZE TECNICHE E MEDICHE APPLICATE-CFU 1.0

POST-GRADUATE COURSES

POSTGRADUATE SCHOOL in ENDOCRINOLOGIA E MALATTIE DEL METABOLISMO SCUOLA SSU

Insegnamento B024984 - SCIENZE TECNICHE MEDICHE APPLICATE - APPLIED MEDICAL TECHNICAL SCIENCES-CFU 0.5

PHD COURSES

Istituto Universitario di Studi Superiori Ateneo Firenze (IUSSAF)
Università degli Studi di Firenze

From 2023 **PhD in Biomedical Sciences -indirizzo Tecnologie omiche single cell**
Università degli Studi di Firenze

2005-2022 **PhD in Biomedical Sciences -indirizzo Biotecnologie Endocrine, Molecolari e Rigenerative**
Università degli Studi di Firenze

PhD in Endocrinology and Metabolism PhD in Biomedical Sciences-indirizzo Biotecnologie Endocrine, Molecolari e Rigenerative-indirizzo Biotecnologie Endocrine, Molecolari e Rigenerative
Università degli Studi di Firenze

PhD Course "Genetics and genomics of endocrine tumors"
Semmelweis University, Budapest, HU "Studies on CTC in ACC"

Erasmus Placement Technische Universitat Dresden PhD/MD Program in Molecular Endocrinology "The adipose organ: pathophysiology and molecular biology"

Opponent PhD Thesis Dr. Rajani Mariajan, Tutor Prof. P. Bjorklund, Uppsala University, Disciplinary Domain of Medicine and Pharmacy, Faculty of Medicine, Department of Surgical Sciences-University of Uppsala-"New Insights in Adrenal Tumourigenesis"

MASTERS

Master II level Andrology, Sexsual Medicine and Reproduction SCUOLA SSU
Università degli Studi di Firenze (2018-today)

Master II level Biology & Technology of Reproduction SCUOLA SSU
Università degli Studi di Firenze (2018-today)

Master di I level in Clinical Neuropathophysiology in critical care and intensive care SCUOLA SSU

Università degli Studi di Firenze (2018-today)

Master I leveli in Oncology Radiotherapy SCUOLA SSU
Università degli Studi di Firenze (2013-2015)

Master di I level in Andrology
Università degli Studi di Firenze (2002-2007)

Master in Spermatology
University Mendoza-Argentina (2002)

SUPERVISION & MENTORSHIP

She has been mentoring undergraduate, PhD and Senior scientists.
11 PhD Students/University of Florence/Italy
Diego Assis Gonçalve, PhD Student in Imunologia e Doenças Infecto-parasitárias- Universidade Federal de Juiz de Fora, Brazil
Carme Grau-Bové, PhD student in MoBioFood Research Group, Universitat Rovira i Virgili Tarragona (Spain)
2 resident specialization students Endocrinology & Metabolic Pathologies/University of Florence/Italy
5 Post-doc Students/University of Florence/Italy
2 BSc ERASMUS students: University of Barcelona-Spain; Universidad Lleida-Spain
40 MD, MSc, BSc students in Medicine, Biology, Biotechnology

PHD FELLOWS

BIOMEDICAL SCIENCES DEPT. CLINICAL AND EXPERIMENTAL BIOMEDICAL SCIENCES:

Adriana Lombardi ciclo XXI-2005/2008 "Studio dei meccanismi molecolari alla base degli effetti pro-infiammatori di TNF♋ e IFN♈ e dell'azione anti-infiammatoria dei tiazolidinedioni, in un modello in vitro di cellule endoteliali umane"

Elisa Borgogni ciclo XXII-2006/2009 Ipotesi di nuovi approcci farmacologici per il trattamento della malattia di Graves: studio degli effetti anti-infiammatori di agonisti di PPAR♈ e di analoghi della vitamina D

Giulia Cantini ciclo XXIV-2009/2012 "Isolamento e caratterizzazione morfologica e funzionale di cellule mesenchimali staminali adulte da tessuto adiposo umano sottocutaneo e viscerale"

Giada Poli ciclo XXVI-2011/2013 "Ricerca di nuovi target terapeutici nel carcinoma corticosurrenalico e studio dei meccanismi di azione del farmaco mitotane"

Alessandra Di Franco ciclo XXVIII-2012/2015 "Caratterizzazione di nuovi modelli di cellule staminali isolate da tessuto adiposo bruno: il modello umano adulto e il modello fetale"

Roberta Armignacco ciclo XXX-2014/2017 "Evolution and progression of adrenocortical carcinoma: the potential role of the adiposemicroenvironment and the isolation and characterization of circulating" tumor cells- PhD EUROPEUS

Giuseppina De Filpo ciclo XXXIII-2017/2020 "Feocromocitoma/paraganglioma ed altre neoplasie non cromaffini associate: uno studio multicentrico"

Martina Trabucco ciclo XXXIII-2017/2020 "Gli effetti del glucagone e degli agonisti del GLP-1R in un modello di precursori adiposi umani"

Giovanni Quartararo ciclo XXXIV-2018/2024 "Do exist specific predictors of outcome in terms of long-term weight-loss after bariatric surgery? Visceral adipose tissue adiponectin and serum triglycerides can predict excess weight loss after bariatric surgery in female subjects with severe obesity."

Ongoing:

Laura Fei ciclo XXXVII-2022/2024 PhD Green PON

Arianna Pia Propato ciclo XXXVIII-2023/2025 PhD PNRR

Dimitri Papini ciclo XXXVIII-2023/2025 PhD PNRR

Undergraduated Students Scientific career of ex graduating students in Prof. Luconi's Lab

Dr. Jinous Samavat, 2019 PhD at Warwick University, UK-currently post-doc senior scientist at Nottingham University, UK (2020-)
Dr. Gabriele Varano, PhD FIRC Institute of Molecular Oncology (IFOM) in Milan (S. Casola)– currently Senior Research at IFOM, Milan
Dr. Martina Tabucco, PhD UNIFI, Eli Lilly Head of Dulaglutide production (2019-)
Dr. Roberta Armignacco, 2017 PhD UNIFI-currently postdoc fellow Cochin Hospital, Paris (Prof. G. Assié) 2017-)

CLINICAL ACTIVITY

2019-2020 Board Quality & Security Referent for the Lab of SOD Endocrinoogy-DAI Medico-Geriatrico AOU Careggi

2005-2020 Dirigente Biologo Azienda Ospedaliero Universitaria Careggi
Lab Endcorinology SOD of ENDOCRINOLOGY
Referent for the programs:

- Genetic analysis of adrenal tumors
- Mass spectrometry analysis of steroid hormones
- Development & clinical transferability of new diagnostic and prognostic markers in diabetes (glycated albumin, anidroglucytol, DPPIV activity in patients with diabetes; as well as in adrenal tumors (circulating tumor cells; proteomics of the tumors)
- Development of the translational Unit Translational Medicine "RESEARCH & DEVELOPMENT OF DIAGNOSTIC-PROGNOSTIC TOOLS IN ENDOCRINE AND METABOLIC PATHOLOGIES- SOD di Endocrinologia AOUC

SCIENTIFIC ACTIVITY

AWARDS AND INTERNATIONAL RECOGNITIONS

2019 INBB XIII Convegno Nazionale INBB "Ricerca e Innovazione per Ambiente, Salute ed Alimentazione, best poster prize

2013 Endocrine Society, San Francisco, US, platform presentation

2011 Prof. Giusti's Award from the Italian Society of Endocrinology

2011 European Society of Endocrinology, Rotterdam, NK

2009 Endocrine Society ENDO 09, 91st Meeting, Washington, US: Presidential poster competition

2005 American Society of Andrology, Seattle, US: Lalor Award

2005 American Society of Andrology, Seattle, US: Steinberger Award

2003 Fellowship Special FEBS Meeting on Signal Transduction 2003, Bruxelles, BE

2002 American Society of Andrology- T. Chang Travel Grant-Seattle, US

2001 "Tronchetti 2001 Prize" by Schering Foundation: best research in the Italian Endocrine Society

2001 American Society of Andrology (ASA): T. Chang Travel Grant-Montreal, Canada

2000 International Congress of Endocrinology: Travel Grant to Sydney, Australia

2000 Young Researcher Award, University of Florence

1999 Premio Borsa studio IPSEN Società Italiana Endocrinologia

1999 American Society Study of Reproduction: Burroughs Wellcome Fund & Travel Fellow Prize, Pulmann Washington, US

1997 American Society of Andrology: T. Chang Travel Grant-Baltimore, US

1996 American Society of Andrology: Student Merit Award

1996 Italian Society of Clinical Andrology

1995 Borsa Sandoz Società Italiana Endocrinologia

1994 Italian Society of Clinical Andrology and Italian Endocrine Society: Award Lecture

INVITED SPEAKER

2024 International Consortium on Pediatric Adrenocortical Tumor (ICPACT) 1st Symposium on pediatric adrenocortical tumors November 7- 8, 2024, São Paulo, Brazil

26/10/2022 Italian Society of Obesity
Webinar: The Adipose Niche"

2022 5° CONGRESSO NAZIONALE CLUB SIE - Endocrinologia Oncologica", Siracuse 30 June-2 July
"Symposium: Tumori maligni del surrene" -Novel diagnostic biomarkers

2022 COST "HARMONIZATION" Master Classes Online meeting: March 23rd – 25th 2022
Adrenal tumor masterclass - Basic
Meet the expert: "Organoids in adrenal tumor research"

2021 Deep BiotechTalk Webinar (FRESCI.com) September 20th 2021
"In vitro 3D Adrenal Models compared to in vivo Xenograft Models for the Study of Adrenal Tumors"

2021 23rd European eCongress of Endocrinology-22 May – 26 May 2021, Prague, Czech Republic
'How to Make an Adrenal' symposium- virtual meeting
"3D Adrenal models for the study of adrenal tumors"

2020 22nd European Congress of Endocrinology-23 May – 26 May 2020, Prague, Czech Republic
'How to Make an Adrenal' symposium- Postponed to 2021 for COVID-19 emergency
"Adrenal-3D"

2019 1st Congress of SIRTEPS, Rome 21st June 2019 New mechanistic insights into the development and treatment of cardiovascular diseases
"Novel potential cardiac targets for anti-diabetic drugs: the SGLT2 inhibitors' story"

2019 SIBIOC (Italian Society of Clinical Biochemistry) Firenze, 16 aprile 2019
La "biopsia liquida" come fonte di potenziali biomarcatori nella gestione e monitoraggio del paziente oncologico,
"Studio delle CTC in pazienti con ACC"

2018 Semmelweis University, Budapest, HU, 9 May 2019 PhD Course "Genetics and genomics of endocrine tumors"
"Studies on circulating tumor cells"

2017 Brunel University, London, UK, 12 April 2018
"The multifaceted plasticity of the adipose organ"

2017 6th International Adrenal Cancer Symposium Sao Paulo, Brazil, 12-13 October 2017
"New Insights in Adrenal Tumourigenesis"

2017 Second EASD Incretin Study Group Meeting Pisa (Italy), January 12-14 , 2017
"Is cleaved glucagon-like peptide 1 really inactive? GLP-1(9-36) in vitro activity in human adipose stem cells"

2016 UNISTEM DAY Università di Firenze, 11.03.2016-European Interlab day on Stem Cells
"La cellula Staminale Adiposa"

2016 University of Warwick, UK, 24 november 2016
"Human adipose stem cells from white and brown depots:in vitro models for studying dysmetabolisms, adipogenesis and cancer"

2015 National Meeting Nutrizione, Obesità e Cancro, Padova 10.10.15
"Transdifferenziazone bianco-bruno nell'ambiente peritumorale"

2015 National Meeting 38° Congress of the Italian Society of Endocrinology, Taormina-Italy
"Carcinoma corticosurrenalico: nuovi potenziali markers diagnostici"

2014 Technische Universitat Dresden, GE "The adipose organ: pathophysiology and molecular biology"

2014 Helmholtz Zentrum München, German Research Center for Environmental Health Institute for Diabetes and Cancer-Germany- 8 September
"Human adipose stem cell models from white and brown depots as in vitro models for studying dysmetabolism and adipogenesis"

2013 Regione Toscana-Università degli Studi di Firenze, S. Apollonia 24.10.2013 relatore
"Progetti europei di ricerca & innovazione: metodi di valutazione e criteri di successo

2013 University of Barcellona, Spain
"Pheochromocytoma as a source of novel stem cell populations from ectopic brown adipose tissue in the adult"

2013 Technische Universitat Dresden, Germany
"Human adipose stem cell models from white and brown depots for studying dysmetabolism and adipogenes"

2010 International Symposium on Adrenal Tumors, Turin, Italy
"Preliminary studies on mitotane mechanism of action in in vitro and in vivo models of ACC"

2009 International Symposium on Adrenal Tumors, Padua, Italy
"Anti-cancer effects of TZD in human adrenocortical carcinoma: from in vitro to animal studies"

2009 Rapid Responses to Steroid Hormones 6th International Meeting, Elche, Spain
"Peroxisome proliferator-activated receptor-gamma (PPARγ): is the genomic activity the only answer?

2005 National Inter-society Meeting S.I.A.-S.I.A.Ms, Rome-Italy
"Xenoestrogens, prenatal development and fertility"

2004 American Society of Andrology 30th Annual Meeting, Seattle, US
"Nongenomic Steroid Receptors on Sperm – Signaling and Function"

2004 Workshop on Reproduction, Bagnoles de l'Orne, France
"Rapid responses to estrogens"

2003 3rd European Congress of Andrology, Münster, Germany.
"Enhancement of sperm motility in vitro"

2003 International Symposium on the Environment and Hormones, New Orleans, USA.
"Effects of estrogens and estrogen-like compounds on differentiation of human male genitalia"

2002 3rd International Meeting on Rapid Effects of Steroid Hormones, University of Florence
"Membrane effects of steroids on sperm"

2002 Argentinian Andrology Society & Argentinian Biology Society, Buenos Aires, Argentina
"Molecular basis of sperm motility: in vitro treatment of asthenospermia for clinical application"

2002 III Mini Workshop International sobre Transduccion de Senales aplicado a la Reaccion Acrosomal y Capacitacion Espermatica, ihem, CONICET Mendoza, Argentina
"PI3K regulation of PKA and AKAP during sperm capacitation is necessary for sperm motility".
" Estrogens interferes with progesterone induced acrosome reaction through a novel membrane receptor"

2002 9th International Symposium on Spermatology, Cape Town, South Africa
"Swimming with spermatozoa: the molecular bases of sperm motility"

2001 The Assisted Conception Unit, Birmingham Women's Hospital, Birmingham, UK.
"Do human spermatozoa depend on PI3K to swim?"

2001 1st Virtual International Meeting in Endocrinology, www.endocrinology.org.br
"Understanding estrogen receptor: mechanisms of signal transduction and clinical implication in male reproduction"

1999 British Society of Andrology, London,UK
"Sperm interaction with Epithelia and their products"

SCIENTIFIC SOCIETIES

2022- European Association for Cancer Research (EACR)
2019- Top Italian Scientists Top Italian Hi su TIS
2018- Società Italiana di Ricerca Traslazionale e Professioni Sanitarie (SIRTEPS): Founder Member
2017- European Reference Network on Rare Endocrine Condition ENDO-ERN
2016- Società Italiana Diabete (SID)
2013- European Association for the Study of Diabetes (EASD)
2009- European Society of Endocrinology (ESE)
2008- European Network for the Study on Adrenal Tumors (ENSAT)
2012- Società Italiana Obesità (SIO)
2005- Società Italiana di Endocrinologia (SIE)
2016- Club Surrene (SIE)
2018- Club Endo-metabolic rare diseases (SIE)
2018- Club EndoOnco – Oncologic Endocrinology (SIE)

REVIEWER ACTIVITY

- **Reviewer of international and national Research Grants** in UK, Netherlands, France, Hungary, Italy.
- **Reviewer for international journals** in the field of Stem Cells, Metabolism, Endocrinology and **Reproduction:**

Andrology, Asian Journal of Andrology, Biochemical Journal, Biochimical Biophysica Acta, Biochimie, Biology of Reproduction, Cancer Letters, Cell Biology International, Cells, Diabetes, Endocrine-related cancer, Endocrinology, FASEB Journal, Frontiers in Bioscience-Landmark, Frontiers in Endocrinology/oncology, Hormones and Cancer, Human Reproduction, International Journal of Andrology, International Journal of Endocrinology, International Journal of Cancer, Journal of

Andrology, Journal of Cardiovascular Pharmacology, Journal of Clinical Endocrinology and Metabolism, Journal of Endocrinological Investigation, Journal of Endocrinology, Journal of Molecular Medicine, Journal of Nephrology, Journal of Sexual Medicine, Journal of Steroid Biochemistry and Molecular Biology, Journal of Urology, Molecular and Cellular Endocrinology, Molecular Human Reproduction, Molecular Reproduction and Development, Oncotarget, PlosOne, Regulatory Toxicology and Pharmacology, Reproduction, Steroids, Stem Cells,Theriogenology

PERSONAL SKILLS

Languages

Mother tongue: Italian

Other languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	C1	C1	C1
French	A1	A1	A1	A1	A1

Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2: Proficient user
Common European Framework of Reference for Languages

Organisational / managerial skills

Director of Research Laboratory - Dept. Experimental & Clinical Biomedical Sciences: 3 senior post-doc, 2 studenti PhD, 4 graduating students/y

Coordinator of Division Dept. Experimental & Clinical Biomedical Sciences -UNIFI

Communication skills

Excellent communication skills gained through the experiences in project management, plenaries, memberships and institutional roles

Computer skill

Good knowledge of the main statistical programs (SPSS, Excell, Origin);
Graphic and image analysis (Photoshop, Image J); writing (Word, Adobe Acrobat)
Good knowledge Search engines & Databases PubMed, Scival, Web of Science, Scopus

FUNDED RESEARCH PROJECTS

COORDINATOR or PI

- ***2023*** *Università di Firenze: ex 60% "Ruolo del microambiente adiposo nello sviluppo e progressione del carcinoma corticosurrenalico" (1458 euros)* ***PI***
- ***2023*** *PRIN2022 Next Gen EU: Progetti Ricerca Rilevante Interesse Nazionale –Ministry of University and Research MUR-20222KAYY5 - "Integrating cutting-edge tools for targeted approach to patients with adrenocortical tumors (COOL-REACT)"- 70.469 €* ***PI***
- ***2022*** *Bando Infrastructure of Research University of Florence-IR@UNIFI: "Piattaforma per la analisi SpAziaLemUltiomica in siTu single-cEll applicata alle patologie infiammatorie ed oncologiche-SALUTE"; dr 659/2023-392.000 € coordinator Andrea Galli-DSBSC-****coPI***
- ***2023*** *PNRR Tuscany Health Ecosystem THE-Spoke 3-Advanced Technologies, Methods and Materials for Human Health and Well–being- "Novel approaches for delivery of green bioactive molecules" UNIFI 270.000 €;* ***coPI***
- ***2022-2024*** *1 PhD Fellowship Green PON "Ricerca e Innovazione" 2014-2020 / FSE REACT-EU per il XXXVII ciclo (DM1061/2021) "100% green products to modulate the use of conventional anti-tumor drugs" (69.000 euros)* ***PI****-Dr.ssa Laura Fei*
- ***2022*** *Università di Firenze: ex 60% "Ruolo del microambiente adiposo nello sviluppo e progressione del carcinoma corticosurrenalico" (1458 euros)* ***PI***
- ***2020*** *COST ACTION CA20122 "Harmonizing clinical care and research on adrenal tumors in European countries" - HARMONISATION, Coordinator Prof D. Kastelan, University of Zagreb*

5 ys (130.000 euros/y) ***PI***

- ***2021*** *Università di Firenze: ex 60% "Role of carbonic anhydrase in adipose microenvironment of the adrenocortical carcinoma" (1490 euros)* ***PI***

- ***2018-*** *Bando Ricerca Salute 2018- Ministero dell'istruzione, dell'università e della ricerca (MIUR) "EFFECTS OF MONOACYLGLYCEROLS IN COLORECTAL CANCER" acronimo MAGIC "-(561.500 euros)- Cordinatore Prof. Andrea Galli-* ***Unit PI***

- ***2020*** *Università di Firenze: ex 60% "COCOA ASSUMPTION IN OBESITY PREVENTION AND CURE: THE ROLE OF THEOBROMINE" (1577 euros)* ***PI***

- ***2018-2019*** *Fondazione Ente Cassa di Risparmio di Firenze: Research Grant 2018-RF-2018.1012: "GLI ACIDI GRASSI A CATENA CORTA (AGCC) COME NUOVO APPROACCIO PREVENTIVO E TERAPEUTICO NUTRACEUTICO PER LA LIPODISTROFIA" "SHORT-CHAIN FATTY ACIDS (SCFA) AS A NOVEL NUTRACEUTIC APPROACH IN THE PREVENTION AND THERAPY OF LIPODYSTOPHY" Acronimo: AGCC-LIPO"-(10.000 euros)* ***PI***

- ***2019*** *Università di Firenze: ex 60% "Effect of the adipose microenviroment on cancer cell progression in adrenocortical carcinoma" (1802 euros) –* ***PI***

- ***2018-2019*** *Progetti competitivi per Ricercatori e Professori Associati appartenenti al Dipartimento di Scienze Biomediche Sperimentali e Cliniche nell'ambito del Progetto di Eccellenza sulla Medicina di Genere 2018-2019 A HUMAN FETAL ADRENAL CELL 3D MODEL AS A NOVEL APPROACH TO STUDY THE IMPACT OF GENETIC ALTERATIONS IN CONGENITAL ADRENAL HYPERPLASIA" - MAGICAH3D" (40.000 euros)* ***PI***

- ***2018*** *Università di Firenze: ex 60% "DEVELOPMENT OF A NOVEL IN VITRO MODEL OF HUMAN FETAL ADRENAL"- (1000 euros)* ***PI***

- ***2017-2018*** *Fondazione Ente Cassa di Risparmio di Firenze:* Research Grant 2016-RF-2016.0773: "*LE CELLULE STAMINALI ADIPOSE BRUNE COME NUOVO APPROACCIO TERAPEUTICO NEL DIABETE ED OBESITA"-(18.000 euros)* ***PI***

- ***2016-2018*** *PRIN: Progetti di Ricerca di Rilevante Interesse Nazionale – 2015ZTT5KB - PRIN 2015 Bando 2015 "DEFECTIVE TISSUE REPAIR IN METABOLIC DISORDERS: UNTANGLING ITS ROLE AND KEY MECHANISMS FOR NOVEL THERAPEUTIC APPROACHES"-(46.562 euros)-Coordinator Prof. A. Isidori -***Unit PI***

- ***2016*** *AIRC-CRF Multi-user Equipment Program 2016 Grant number 19515 "ASSAYING TUMOR METABOLIC DEREGULATION IN LIVE CELLS" – (630.000 euros)-Cordinatore Prof. P. Chiarugi-***Unit PI***

- ***2017*** *Università di Firenze: ex 60% "METABOLIC REPROGRAMMING IN ADRENOCORTICAL CARCINOMA (ACC): SEARCHING MASTER REGULATORS AS POTENTIAL TARGETS FOR INNOVATIVE THERAPIES"- (1000 euros)* ***PI***

- ***2016-2018*** *AIRC Investigator Grant AIRC 2015- IG2015 Id17691 3 year granted project: "DIFFERENTIAL GENOME PROFILING BETWEEN CIRCULATING AND PRIMARY TUMOR CELLS IN METASTATIC ADRENOCORTICAL CARCINOMA"- (245.000 euro)* ***PI***

- ***2016*** *Università di Firenze: ex 60% "STEM CELL FATE DECISIONS IN A TUMOR MICROENVIRONMENT: A POTENTIAL ROLE FOR P107" – (6.000 euros)* ***PI***

- ***2015*** *Università di Firenze: ex 60% "THE ROLE OF BONE MORPHOGENIC PROTEIN 7 (BMP7) IN TUMOR CROSS-TALK WITH ADIPOSE MICROENVIRONMENT IN PHEOCHROMOCYTOMA"* - (2.600 euros) ***PI***

- ***2014*** *Università di Firenze: ex 60% "EFFETTI DI UN FARMACO UTILIZZATO NELLA TERAPIA DEL DIABETE DI TIPO 2, METFORMINA, SUL CARCINOMA CORTICOSURRENALICO" -* ***PI***

- ***2014-2015*** *Fondazione Ente Cassa di Risparmio di Firenze 2014: CARATTERIZZAZIONE BIOLOGICA E MOLECOLARE DEL TUMORE POLMONARE AVANZATO: ANALISI PARALLELA NELL'AGO ASPIRATO DEL TUMORE PRIMITIVO E NELLE CELLULE TUMORALI CIRCOLANTI –Cordinatore Prof. M. Pazzagli-***Unit PI***

- ***2013*** *Università di Firenze: ex 60% "CARATTERIZZAZIONE DI CELLULE STAMINALI DI TESSUTO ADIPOSO BRUNO UMANO" -* ***PI***

- ***2012*** *Università di Firenze: ex 60% "IDENTIFICAZIONE DI BIOMARCATORI DIAGNOSTICI E PROGNOSTICI DEL TUMORE ADRENOCORTICALE A LIVELLO TISSUTALE ED EMATICO" -* ***PI***

- ***2011*** *Università di Firenze: ex 60% "MODELLI IN VITRO DI CELLULE STAMINALI ADULTE UMANE DA TESSUTO ADIPOSO PER LO STUDIO DELLA DIFFERENTE RISPOSTA METABOLICO-FUNZIONALE NELLA LIPODISTROFIA" -* ***PI***

- ***2012-2014*** *Novo Nordisk research grant: "EFFECTS OF LIRAGLUTIDE ON HUMAN ADIPOSE CELLS AND ADIPOSE TISSUE IN VITRO"- (84.000 euros)-* ***PI***

- ***2009-2010*** *Fondazione Ente Cassa di Risparmio di Pistoia e Pescia 2009: "RUOLO DELL'INFIAMMAZIONE NELLE ALTERAZIONI DEL TESSUTO ADIPOSO CHE ESITANO NELL'OBESITÀ PATOLOGICA". Prot. 2009.0221- (29.000 euros)-* ***PI***

- ***2009-2010*** *Fondazione Ente Cassa di Risparmio di Firenze 2009. "RUOLO DELL'INFIAMMAZIONE NELLE ALTERAZIONI DEL TESSUTO ADIPOSO ALLA BASE DELL'OBESITA' PATOLOGICA E DELLE MALATTIE METABOLICHE". Prot. 2010.0547- (19.000 euros) -* ***PI***

- ***2009*** *Università di Firenze: ex 60% "DIFFERENZE FUNZIONALI NELLE CELLULE ADIPOSE STAMINALI UMANE OTTENUTE DA TESSUTO ADIPOSO VISCERALE E SOTTOCUTANEO DI SOGGETTI NORMOPESO ED OBESI" -* ***PI***

- ***2008*** *Università di Firenze: ex 60%* ***"****RUOLO DELL'ADIPONECTINA NELLA RISPOSTA ENDOTELIALE AL DANNO VASCOLARE" -* ***PI***

- ***2007*** *Università di Firenze: ex 60%* ***"****RUOLO DEI TIAZOLIDINEDIONI NEL PROCESSO INFIAMMATORIO VASCOLARE" -* ***PI***

- ***2006-2008*** *Call for Rare Diseases UNIVERSITA' LA SAPIENZA di ROMA. THE BLADDER EXTROPHY-EPISPADIAS COMPLEX AND EXOGENOUS RISK FACTORS (****BLADE****). Coordinatore Prof. Mantovani ISS--****Unit PI***

- ***2006*** *Università di Firenze: ex 60%* ***"****CARATTERIZZAZIONE DELLA CASCATA DI SEGNALAZIONE DELLA PROTEIN CHINASI A (PKA) NEGLI SPERMATOZOI UMANI****" – PI***

- ***2005*** *Università di Firenze: ex 60%* ***"****CARATTERIZZAZIONE DEL RECETTORE NONGENOMICO DEL PROGESTERONE IN SPERMATOZOI UMANI****" – PI***

COLLABORATOR

- ***2023-2027*** *Dept. of Excellence Italian Program 2023-2027 Project "La medicina di genere: dal "single cell" alla clinica"-"Gender Medicine: from single cell to the clinics"-PI Andrea Galli, Head of the Dept. Experimental and Clinical Biomedical Sciences (9 millions euros)*

- ***2020*** *ESE European Research Support Grant (SEEDER EU) Project: Harmonizing clinical care and improve research on adrenal tumors in Europe Lead: Martin Fassnacht, University Hospital Würzburg (15.000 euros)*

- ***2015-2019*** *Liberal Fund non profit PARADIFFERENCE:. "THE ROLES OF MICROENVIRONMENT AND MITOCHONDRIA SUCCINATE DEHYDROGENASE IN PARAGANGLIOMA DEVELOPMENT AND PROGRESSION". PI Prof. M.Mannelli's Unit. (527.000 euros)*

- ***2014-2015*** *Fondazione Ente Cassa di Risparmio di Firenze 2014: "EFFETTO DELL'OBESITA' E DELLA PERDITA DI PESO SULLO STATO DI METILAZIONE DEL GAMETE MASCHILE: EFFETTI METABOLICI E EREDITARIETA' PATERNA". PI Prof. G. Forti (20.000 euros)*

- ***2013-2014*** *Fondazione Ente Cassa di Risparmio di Firenze 2013: "RUOLO DEGLI ORMONI ANDROGENI NELLA DISFUNZIONE METABOLICA DEL TESSUTO ADIPOSO DEL MASCHIO OBESO (ANDROMOB)". PI Prof. G. Forti (25.000 euros)*

- ***2011-2015****- PRIN 2010: "AMLET-ANDROGENI, METABOLISMO, STILE DI VITA, AMBIENTE: FUNZIONE TESTICOLARE PER LA SALUTE"-protocollo 2010C8ERKX in G. Forti's Unit 7 (104.000 euros), Coordinatore Manuela Simoni (Università degli Studi di Modena).*

- ***2011-2016****- FP7 Cooperation: "ENS@T-Cancer-EUROPEAN NETWORK FOR THE STUDY OF ADRENAL TUMOURS–STRUCTURING CLINICAL RESEARCH ON ADRENAL CANCERS IN ADULTS" Progetto Cooperation Seventh Framework Programme (FP7/2007-2013) grant agreement n° 259735, in Massimo Mannelli's Unit (50.000 euros), Coordinatore Prof. Felix Beuschlein (University of Munich, GE).*

- ***2011-2015****- FIRB2010: "STUDY OF MOLECULAR MARKERS FOR DIAGNOSIS AND PROGNOSIS AND DEVELOPMENT OF NOVEL THERAPEUTIC STRATEGIES FOR ADRENOCORTICAL CANCER" (prot number: RBAP1153LS) in Massimo Mannelli's Unit (106.000 euros), Coordinatore Prof. Franco Mantero (Università degli Studi di Padova)*

- ***2010-2012*** *REGIONE TOSCANA, Programma per la Ricerca Regionale in Materia di Salute 2009 "DEVELOPMENT OF NEW DIAGNOSTIC METHODS FOR THE GENETIC ASSESSMENOT F INFERTILE MALES AND FOR THE PREDICTION OF THE OUTCOME OF ASSISTED REPRODUCTIVE TECHNIQUES IN COUPLES WITH 'MALE FACTOR' INFERTILITY", Coordinatore Prof. G. Forti.*

- ***2008-2010*** *ISTITUTO TOSCANO TUMORI-ITT2007: "THE PROTEOMIC APPROACH FOR IDENTIFICATION OF PUTATIVE BIOMARKERS AND CHARACTERIZATION OF THE MOLECULAR BASES OF HUMAN ADRENOCORTICAL CANCER", PI Prof. M, Mannelli prot number: AOOGRT/Q.80.110*

- ***2008-2009*** *Fondazione Ente Cassa di Risparmio di Firenze 2007 "TUMORE DELLA SURRENE: RUOLO DEGLI ESTROGENI E ANALISI PROTEOMICA", Coordinatore Prof. M. Mannelli.*

- ***2000-2002*** *World Health Organization 2000 prot. IDA05022 "CHARACTERIZATÍON OF MEMBRANE NON-GENOMIC RECEPTORS FOR PROGESTERONE IN HUMAN SPERMATOZOA", Prof. G.Forti PI.*

INTERNATIONAL PEER-REVIEWED JOURNALS

** Correspondence*

Year		IF at pub	IF 2020	Citations Scopus
1994 1	1. Baldi E., Bonaccorsi L., Finetti G., ***Luconi M.***, Muratori M., Susini T., Forti G., Serio M. and Maggi M. Platelet-activating factor in human endometrium. *J. Steroid Biochem. Molec. Biol.* 1994;49: 359-363.	1.709	4.292	19
1995 4	1. ***Luconi M.***, Bonaccorsi L., Krausz Cs., Gervasi G., Forti G. and Baldi E. Stimulation of protein tyrosine phosphorylation by platelet-activating factor and progesterone in human spermatozoa. *Mol Cell Endocrinol.* 1995;108: 35-42.	2.064	4.102	95
	2. Krausz Cs., Bonaccorsi L., ***Luconi M.***, Fuzzi B., Criscuoli L., Pellegrini S., Forti G. and Baldi E. Intracellular calcium increase and acrosome reaction in response to progesterone in human spermatozoa correlates with in vitro fertilization. *Hum. Reprod.* 1995;10: 120-124.	2.421	6.918	81
	3. Bonaccorsi L., ***Luconi M.***, Forti G. and Baldi E. Tyrosine kinase inhibition reduces the plateau phase of the calcium increase in response to progesterone in human sperm. *FEBS Letters* 1995;364: 83-86.	3.504	4.124	72
	4. Baldi E., Krausz Cs., ***Luconi M.***, Bonaccorsi L., Maggi M. and Forti G. Actions of progesterone on human sperm: a model of non-genomic effects of steroids. *J. Steroid Biochem. Molec. Biol.* 1995;53: 199-203.	1.709	4.292	35
1996 5	1. Giannini S., M. Maggi, B. Cresci, G. Finetti, L. Bonaccorsi, ***M. Luconi***, C. M. Rotella, G. Forti, M. Serio and E. Baldi Platelet-activating factor enhances production of insulin-like growth factor binding proteins in a human adenocarcinoma cell line (Hec-1A). *Gynecol. Oncol.* 1996;61: 333-340.	1.542	5.482	8
	2. ***Luconi M.***, Cs. Krausz, G. Forti and E. Baldi. Extracellular calcium negatively modulates tyrosine phosphorylation and tyrosine kinase activity during capacitation of human spermatozoa. *Biol. Reprod.* 1996;55: 207-216.	3.036	4.285	148
	3. Baldi E., ***M. Luconi***, L. Bonaccorsi, Cs. Krausz and G. Forti. Human sperm activation during capacitation and acrosome reaction: role of calcium, protein phosphorylation and lipid remodelling pathways. *Frontiers Biosci-Lenadmark* 1996;1:d189-205, (invited review).	3.063	4.009	69
	4. ***Luconi M****. Report of the 9th European Workshop on Molecular and Cellular Endocrinology of the Testis**.** *Int. J. Androl.* 1996; 19:129-134.	0.984	3.695	0
	5. Krausz Cs., L. Bonaccorsi, P. Maggio, ***M. Luconi***, L. Criscuoli, B. Fuzzi, S. Pellegrini, G. Forti and E. Baldi. Two functional assays of sperm responsiveness to progesterone and their predictive values in in-vitro fertilization. *Hum Reprod.* 1996;11: 1661-1667.	2.421	6.918	88
1997 2	1. Bonaccorsi L., ***M. Luconi***, M. Maggi, M. Muratori, G. Forti, M. Serio and E. Baldi. Protein tyrosine kinase, mitogen-activated protein kinase and protein kinase C are involved in the mitogenic signaling of platelet-activating factor (PAF) in HEC-1A cell. *Biochimica et Biophysica Acta-Molecular Cell Research* 1997;1355:155-166.	3.171	4.739	23
	2. Muratori M., I. Nicoletti, G.B. Vannelli, ***M. Luconi***, E. Maccorsini, M. Serio, G. Forti and M. Maggi. Genistein induces G2/M block and apoptosis in human endometrial cancer cell lines. *Endocrine-Related Cancer* 1997;4: 203-218.	0.983	5.678	2

1998 5	1. ***Luconi M.,*** Krausz C., Barni T., Vannelli G.B., Forti G. and Baldi E. Progesterone stimulates p42 extracellular-signal regulated kinase (p42^{ERK}) in human spermatozoa. *Mol. Hum Reprod.* 1998;4: 251-258.	3.643	4.025	78
	2. ***Luconi M.***, Bonaccorsi L., Maggi M., Pecchioli P., Krausz Cs., Forti G. and Baldi E. Identification and characterization of functional nongenomic progesterone receptors on human sperm membrane. *J Clin Endocrin Metab.* 1998;83: 877-890.	5.641	5.958	146
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	2. Canu L, Sparano C, Naletto L, De Filpo G, Cantini G, Rapizzi E, Martinelli S, Ercolino T, Cioppi F, Fantoni A, Zanatta L, Terreni A, Mannelli M, ***Luconi M***, Maggi M, Lotti F. Hypogonadism and sexual function in men affected by adrenocortical carcinoma under mitotane therapy. Front Endocrinol (Lausanne). 2024 Jan 10;14:1320722. doi: 10.3389/fendo.2023.1320722.	5.200	5.200	
	3. Cioppi F, Cantini G, Ercolino T, Chetta M , Zanatta L , Nesi G , Mannelli M , Maggi M, Canu L, ***Luconi M***.* Targeted NGS Approach and Its Clinical Application in Adrenocortical Cancer, *Eur J Endocrinol. 2024* Jul 2;191(1):17-30. doi: 10.1093/ejendo/lvae077	5.800	5.800	
	4. Martinelli S, Cantini G, Propato AP, Bani D, Guasti D, Nardini P, Calosi L, Mello T, Bechmann N, Danza G, Villanelli F, Canu L, Maggi M, Mannelli M, Rapizzi E, ***Luconi M***.* The 3D in vitro Adrenoid cell model recapitulates the complexity of the adrenal gland. *Sci Rep. 2024* Apr 5;14(1):8044. doi: 10.1038/s41598-024-58664-w.	4.600	4.600	

NATIONAL JOURNALS

1. ***Luconi M***, Baldi E, Forti G. Ruolo degli estrogeni nella regolazione del sistema riproduttivo maschile. Repronews, Settembre 2003
2. ***Luconi M***, Baldi E, Forti G. Estrogeni e riproduzione maschile. Biologi Italiani, Novembre-Dicembre 2003
3. Canu L, Armignacco R, Poli G, Cantini G, Ercolino T, Mannelli M, ***Luconi M****. Caratterizzazione genomica del carcinoma surrenalico. L'Endocrinologo 2016; 17:293–299. review

NON-MEDLINE JOURNALS

1. Baldi E., M. Luconi, L. Bonaccorsi, G. Forti. Nongenomic effects of progesterone on spermatozoa: relevance to sperm function. Current Topics in Steroid Research, Vol. 2, p.119-125, 1999. NO IF no PubMed
2. Luconi M., Bonaccorsi L., Forti G., Baldi E. Signal transduction mechanisms in human spermatozoa: from physiology to possible new therapeutic applications. Emerging Therapeutic Targets 4: 239-253, 2000. NO IF no PubMed
3. Luconi M., E. Baldi, G. Forti (2005) Rapid responses to estrogens in human spermatozoa. In: Reproduction, Nutrition, Development; vol 45 (2) pages 201-202 (rivista non impattata, non in medline)
4. Luconi M. (2006) Rapid responses to estrogens. In the Special issue of Reproductive Medicine: " ESTROGENES and MALE FERTILITY". Guest editors : Jean- Pierre Dadoune & Serge Carreau; John Libbey EUROTEXT; vol 8 (2):119-127 (rivista non impattata, non in medline)

EDITOR

Guest Editor of the Research Topic Issue of Frontiers in Endocrinology Cancer Endocrinology 2019: "*Cancer Stem Cells in Endocrine Tumors*" G. Stassi, M. Luconi, S. Di Franco, N. Pellegata

Guest Editor of the Research Topic Issue of Cancers 2022 *"Targeting Tumor Microenvironment as a Novel Promising Approach in Adrenal Tumors"* M. Luconi, G. Cantini, M. Kroiss

BOOK CHAPTERS

[1] ***Luconi***, Cs. Krausz, R. Casano, M. Mancini, G. Forti, E. Baldi (1994): Il Platelet-activating factor come possibile modulatore della funzionalità dello spermatozoo umano. In: La medicina della Riproduzione, eds. C. Foresta, A. Isidori, C. Scandellari, Panda Edizioni, pp. 93-96.

[2] Krausz Cs., Bonaccorsi L., ***Luconi M.***, Forti G., Fuzzi B., Criscuoli L., Pellegrini S., Baldi E. (1994): Responsiveness to progesterone of spermatozoa is significantly related to the fertilization rate in IVF cycles. In: Frontiers in Endocrinology, vol 9, pp. 277-279.

[3] Forti G., Baldi E., ***Luconi M.***, Krausz Cs., Casano R., Bonaccorsi L., Maggi M., Finetti G., Mancini M., Falsetti C., Gervasi G. (1994): Effects of progesterone on human spermatozoa: a model for non-genomic actions of steroids. In: Frontiers in Endocrinology, vol 9, pp. 259-260. Italian Endocrine Society: 1994 Award Lecture.

[4] Bonaccorsi L., ***Luconi M.***, Forti G., Baldi E. (1995): L'inibizione dell'attività tirosino chinasica riduce la fase di plateau dell'aumento del calcio indotto dal progesterone negli spermatozoi umani. In: Infertilità maschile: Approccio Terapeutico Razionale, eds. C. Foresta e C. Scandellari, CLEUP, Padova, pp. 81-85.

[5] Baldi, Krausz Cs., Bonaccorsi L., Maggio P., ***Luconi M.***, Criscuoli L., Fuzzi B., Pellegrini S., Forti G. (1997) Metodiche di valutazione della capacità fertilizzante degli spermatozoi umani. In: Corso di Aggiornamento in Andrologia Medica. Syllabus. pp. 50-53. Firenze 6-7 Febbraio 1997.

[6] Baldi E., ***M. Luconi***, L. Bonaccorsi, P. Pecchioli., G. Forti. (1998) Metodiche di valutazione del potere fertilizzante degli spermatozoi umani. In: Corso di Perfezionamento in Andrologia. Syllabus. pp. 212-214. Firenze Febbraio-Maggio 1998.

[7] Baldi E., ***M. Luconi***, L. Bonaccorsi, G. Forti. Nongenomic effects of progesterone on spermatozoa: mechanisms of signal transduction and clinical implications. *Pediatric Pathology and Molecular Medicine*, vol 18, n 4-5, 417-431, 1998.

[8] Baldi E., ***Luconi M.,*** Muratori M., Maggi M., Mancini M., Forti G. (1999) Regolazione della capacità fertilizzante dello spermatozoo. In: La Riproduzione Maschile: fisiopatologia e clinica. Eds. C. Foresta e C. Scandellari, CLEUP, Padova, pp. 95-101.

[9] ***Luconi M.,*** Forti G., Baldi E. (2001) Meccanismi di trasduzione del segnale nella regolazione della motilità spermatica. In: Fisiopatologia delle funzioni gonadiche. Eds. C. Foresta e C. Scandellari, CLEUP, Padova, pp. 193-203.

[10] Baldi E., ***Luconi M.,*** Forti G., (2002) Il trattamento in vitro delle astenozoospermie. In: La Medicina della Riproduzione: aspetti clinici e terapeutici. Eds. C. Foresta e C. Scandellari, CLEUP, Padova, pp. 105-111.

[11] ***Luconi M.,*** Forti G., Baldi E. (2002) Swimming with spermatozoa: the molecular bases of sperm motility. In Proceedings of the 9th International Symposium on Spermatology. Eds. G. van der Horst, D. Franken, R. Barman, T. Barman, S. Dyer., Monduzzi, Bologna, Italy.

[12] ***Luconi M.,*** Baldi E., Forti G., (2003) Meccanismi di regolazione della motilità spermatica: Fisiologia e possibili applicazioni terapeutiche. In: Il percorso clinico-diagnostico della coppia infertile. Eds. C. Foresta e C. Scandellari, CLEUP, Padova, pp. 149-154.

[13] Baldi E., ***M. Luconi*** (2003) La terapia in vitro dell'astenozoospermia In: Corso Residenziale di Aggiornamento in Andrologia. Syllabus. pp. 53-57. Firenze 21-25 Gennaio 2003.

[14] ***Luconi M.***, Baldi E. (2003) Membrane estrogen receptors in human spermatozoa: an example of non-classical steroid receptor located to the membrane. Chap.23, pp187-192. The Identities of Membrane Steroid Receptors. Ed. C.S. Watson. Kluwer Academic Publishers.

[15] Morelli A., Vignozzi L., Mancina M., Filippi S., ***Luconi M.***, Marini M., Forti, G., Maggi M. (2004) Regolazione androgenica dell'espressione genica e dell'attività di PDE5 : In: Andrologia e Riproduzione Eds. C. Foresta e A. Ferlin, CLEUP, Padova, pp. 29-36.

[16] ***Luconi M.,*** Forti G., Baldi E. (2005) Approccio terapeutico in vitro all'astenospermia. In: Le alterazioni gonadiche:aspetti fisiologici e clinici . Eds. C. Foresta, A. Lenzi, A. Ferlin, CLEUP, Padova, pp. 423-427

[17] ***Luconi M***., E. Baldi, G.F. Doncel. Physiology and Pathophysiology of sperm motility. In "Male infertility: Diagnosis and Treatment". Eds Oehninger SC and Kruger TF.. Taylor and Francis, Informa London, UK 2007. Invited review; pp.13-33

[18] ***Luconi M***., Rochira V. Estrogen Resistance. In. Encyclopedia of Molecular Mechanisms of Disease. 2nd Edition. Ed Lang F. Springer. Springer-Verlag GmbH Berlin Heidelberg 2009. **Invited review**. ISBN 978-3-540-67136-7

[19] ***Luconi M***, Corona G, Facchiano E, Lucchese M, Maggi M. Section B: Bariatric Surgery, Obesity and fertility "Fertility and testosterone improvement in male patients after bariatric surgery". Handbook of Fertility: Nutrition, Diet, Lifestyle and Reproductive Health, First Edition. 2015. Pp.109-117 **Invited review**.

[20] Maggi M, Morelli A, ***Luconi M***,, Lotti F., Lucchese M, Facchiano E, Corona G. Hypogonadism and Obesity Minimally Invasive Bariatric and Metabolic Surgery: Principles and Technical Aspects, M. Lucchese, N. Scopinaro (eds.). Springer International Publishing Switzerland 2015 DOI 10.1007/978-3-319-15356-8_5; pp35—42. **Invited review**

[21] Cantini G, Trabucco M, Dicembrini I, Mannucci E, ***Luconi M***. Intestinal Hormones in HORMONAL SIGNALING IN BIOLOGY & MEDICINE (ACADEMIC PRESS/ELSEVIER) 2020. **Invited review**.

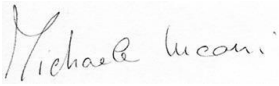
[22] Rapizzi E, Abate A, Tamburello M, ***Luconi M***, Sigala S. Preclinic and translational research in Adrenal Malignancies in Primary Adrenal Malignancies- Updates in Surgery Series, Springer 2024; pp.167-176. **Invited review**.

PATENTS

1. "Processo per aumentare la motilità degli spermatozoi e spermatozoi a motilità superiore così ottenuti". Inventors: **LUCONI M**, BALDI E, FORTI G; Università di Firenze, Pat. Applic. N. FI99A000171, 26/07/99. National Patent.

2. "Process for the improvement of spermatozoa fertilization activity". Inventors: **LUCONI M**, BALDI E, FORTI G; SERONO Applied Research Systems ARS Holding N.V., 01/02/2001. PCT/EP00/07108. WO 01/07021 A2 International Patent. Extension in USA, Japan and Canada.

Firenze, 1 Settembre 2024



UNIVERSITÀ DEGLI STUDI FIRENZE

Personale

Recapiti
Pagina Cercachi
Orario di ricevimento

Italiano

Biografia
Curriculum
Pubblicazioni
Insegnamenti

English

Biography
Curriculum

Laura LASAGNI

Curriculum

1. 1989 **Laurea in Scienze Biologiche** presso la Facoltà di Scienze Matematiche Fisiche e Naturali dell'Università degli Studi di Firenze;

   1990 **abilitazione all'esercizio della professione** di Biologo;

   1991-1996 **Borsista presso il Dipartimento di Fisiopatologia Clinica, Università degli studi di Firenze;**

   1997 **assistente tecnico, VI qualifica professionale** presso il Dipartimento di Fisiopatologia Clinica, Università degli studi di Firenze;

   2005 **ricercatore a tempo indeterminato in Medicina Interna** (settore scientifico disciplinare MED09) presso la Facoltà di Medicina e Chirurgia dell'Università degli Studi di Firenze

   2015 professore associato settore scientifico disciplinare MED46

   2021 abilitazione nazionale I fascia settore scientifico disciplinare MED46

   1997 a oggi Dirigente biologo presso la Azienda Ospedaliero-Universitaria Careggi

   partecipazione programmi di ricerca europei, nazionali e locali:

   - **2022-2024: Responsabile di unità di ricerca European Union – NextGenerationEU – National Recovery and Resilince Plan, Mission 4 Component 2 – Investment 1.5 - THE – Tuscany Health Ecosystem – ECS00000017**
   - **2020-2021- Responsabile Progetto Dipartimento di Eccellenza** Medicina di Genere dal titolo Renal progenitor cells and gender differences in chronic kidney disease
   - 2020-2025 : **Partecipante al progetto europeo** ERC Advanced Grant "SIMPOSION" ERC-2020-AdG
   - 2015 – 2019**: Partecipante al progetto europeo** ERC Consolidator Grant ERC-2014 CoG-648274_Renoir. "Renal progenitors: Tools for modeling and targets for treatment of kidney disorders"
   - 2013 – 2016 **Partecipante al progetto europeo** European Cooperative Grant FP7, KIDNEY CONNECT, "A gateway to European kidney research resources", Grant number 602422
   - 2012 – 2017 **Partecipante al progetto europeo** European Cooperative Grant FP7, STELLAR, "Stem-cell based therapy for kidney repair" Grant number 305436
   - 2008 – 2012 **Partecipante al progetto europeo** ERC Starting Grant Young Investigator Award, RESCARF, Renal stem cells: possible role in kidney pathologies and as new therapeutic tools. Grant number 205027
   - 2008 – 2011 **Partecipante al progetto europeo** European Cooperative Grant Seventh Framework programme theme-Health-2007-1.4-8 FP7 Program, STAR-T REK, Set up and comparison of multiple stem cell approaches for kidney repair. Grant number 223007
   - 2009-2011 **Partecipante in qualità di vice responsabile** del Programma per la ricerca Regionale in Materia di Salute 2009 – Regione Toscana, "Renal stem cells amplification from the urine of patients with glomerular disorders for the set-up of autologous cell therapy of chronic renal injury."
   - 2008-2010. **Partecipante in qualità di vice responsabile** del Progetto PRIN 2008- prot. 2008M9WSJX_001 "Stem cell-based therapy and de novo kidney organogenesis for treatment of chronic renal failure"
   - 2007-2009: **Partecipante al progetto AIRC** "Renal cancer stem cells: isolation, characterization and comparison with normal renal stem cells".

   BREVETTI

   - Titolare del **Brevetto per invenzione industriale** dal titolo: Metodica per l'isolamento, purificazione ed amplificazione di progenitori renali CD133+CD24+ dalle urine di pazienti affetti da malattie renali. No. PCT/IB2014/067271. **Inventori designati:** Elena Lazzeri, Paola Romagnani, **Laura Lasagni**.

UNIVERSITÀ DEGLI STUDI FIRENZE

Personale

Recapiti
Pagina Cercachi
Orario di ricevimento

Italiano

Pubblicazioni
Insegnamenti

English

Curriculum
Interest

Andrea MORANDI

Curriculum

APPOINTMENTS/AFFILIATIONS

2021	Associate Professor of Biochemistry
2018-2021	Assistant Professor of Biochemistry (RTD-b)
2016-2018	*Fondazione Veronesi* Postdoctoral fellowship at University of Florence (UniFi)
2013-2015	Postdoc at UniFI funded by *Fondazione Italiana Ricerca Cancro* (FIRC)
2010-2013	Postdoc at ICR (Institute of Cancer Research, London, UK)
2010-2012	Tutor in Cell Biology at Imperial College of London (UK)
2007-2008	Visiting PhD student at ICR
2007-2009	PhD student at UniFi
2004-2006	Research intern at the *Dipartimento di Patologia e Oncologia Sperimentali* at UniFi

EDUCATION

2010	PhD in Experimental and Clinical Oncology, UniFi
2006	*Laurea Magistrale* in Medical Biotechnologies, 110/110 *cum laude* at UniFi
2004	*Laurea* in Biotechnologies, 110/110 *cum laude* at UniFi
2001	*Diploma* at *Liceo Scientifico Balducci* (Firenze), 100/100

MEMBERSHIPS

- Member of the CTS (*Comitato Tecnico Sanitario*) of the Ministero della Salute

- Faculty of the PhD Program in Biomedical Sciences, University of Florence

- Board Member of “Gruppo Differenziamento e Trasformazione Neoplastica” of the Società Italiana di Biochimica (Biochemistry Italian Society)

- Member of the editorial board of the following journals:

Editorial Board - Scientific Reports; 2017-

Associate Editor - BMC Cancer; 2017-

Associate Editor - Hormones and Cancer; 2017-

Associate Editor in Molecular and Cellular Oncology - Frontiers; 2019-

Guest Associate Editor in Cancer Metabolism - Frontiers; 2019-

Editorial Board - MDPI - Cancers; 2020-

Editorial Board - Taylor & Francis Online - Molecular and Cellular Oncology (MCO); 2020-

- Active Journal reviewer for: Cancer Research, Oncogene, Nature - Scientific Reports; Nature - Communications Biology, Trends in Molecular Medicine, Gene, Biomaterials, Cancer Letters, Carcinogenesis, Oncotarget, Hormones and Cancer, Epigenomics, Endocrine-Related Cancer, Cancer Medicine, NPJ Breast, Breast Cancer Research, BMC Cancer, BMC Biology, Frontiers in Oncology, Molecular Cancer Research, Molecular Cancer Therapeutics, Frontiers in Endocrinology, AIMS Medical Science, Cell Stress, International Journal of Cancer, The FEBS Journal, MDPI – Biology, Breast Cancer Research and Treatment, FASEB J, MDPI- Cancers

- Active referee for International Funding Agencies: Genesis Oncology Trust (New Zealand), Estonian Research Council (Estonia), Breast Cancer Now (UK), FWF funding (Austria), DKFZ-MOST Israel-Cooperation (Germany Israel)

HONOURS AND AWARDS

2021: Organizer of the Metabolism Meets Function meeting

2019: Chairman for the plenary section “Unraveling the role of metabolism in shaping cancer biology”. Metabolism Meets Function meeting

2017: “Guido Berlucchi Foundation Best Oral presentation Prize” awarded during the International EACR-AACR-SIC Meeting.

2017: Scientific Committee of the3rd Annual Meeting of Young SIC Investigator.

2016: “Guido Berlucchi Foundation Best Poster Prize” awarded during the Annual Meeting of the Italian Cancer Society.

2015: International Society for Cancer Metabolism (ISCaM) Young Investigator Award for the best oral communication.

2015: Chairman for the plenary section on “Targeting cancer metabolism and the altered microenvironment”. ISCaM meeting

2014: "Elena Capannini" Award for innovative anticancer therapy

2014: Chairman for the plenary section on “Cancer Microenvironment and inflammation”; SIC (Italian Association for Cancer Research) conference

2014: EACR (European Association of Cancer Research) Meeting Bursary awardee

2013: Chairman for the plenary section on “Cancer Stem Cell”; SIC conference

2013: Morandi *et al. Cancer Research* paper was included in the highlights 10 exciting ICR discoveries from 2012/13

2013: AACR (American Association of Cancer Research) Scholar-In-Training SIC awardee

2012: *Italian Foundation for Cancer Research* 3 years fellowship awardee

2012: EACR “Targeted Therapies/Signaling Pathways Symposium" proffered paper awardee

2011: Cover of *Trends in Molecular Medicine* issue March 2011

GRANTS

2019-2024: AIRC Investigator Grant (role: Principal Investigator)

2021: AIRC Fellowship 2021 (role: Scientific Supervisor of Dr Lorito, postdoctoral fellow of the lab)

2021: Fondazione Annastacatolisa 2021 (role: Scientific Supervisor of Drs Lorito/Subbiani, postdoctoral fellow of the lab)

2019-2021: Gender Medicine - Excellence Department grant (role: Principal Investigator)

2021: Pezcoller Foundation-Società Italiana di Cancerologia 2021 (role: Scientific Supervisor of Dr Bacci, postdoctoral fellow of the lab)

2017-2020: AIRC-ECRF MultiUser Grant (role: Group Leader)

2018: Fondazione Umberto Veronesi postdoc fellowship

2017: Fondazione Umberto Veronesi postdoc fellowship

2016: Fondazione Umberto Veronesi postdoc fellowship

2012: AIRC/ FIRC 3-years fellowship

ORAL PRESENTATIONS

2021: International Society for Cancer Metabolism (ISCAM) Webinar Series 8th Annual Meeting (virtual - online) - **invited**

2021: 33rd AICC meeting "Dissecting metabolic circuitries in cancer cells and microenvironment: how to learn from bad lessons to develop new therapeutic opportunities" (Torino, IT) - **selected**

2021: 61st Congress of the Italian Society of Biochemistry (Milano, IT - online) - **invited**

2019: 4th IFOM Symposium "Breaking Boundaries: Metabolism at the Cross-roads" (Milano, IT) - **selected**

2019: 61st Annual Meeting Italian Cancer Society "Precision Oncology: from Myth to Reality" (Napoli, IT) - **selected**

2019: 60th Congress of the Italian Society of Biochemistry (Lecce, IT) - **invited**

2018: “Signal Transduction in Cancer – ABCD Meeting” (Torino, IT) – selected, **AIRC travel bursary**

2018: “Pharmacological insights of altered lipid metabolism in oncological, neurological, cardiovascular, and hepatic diseases” (Padova, IT) - **invited**

2018: "Metabolism meets function 2018 - unraveling the role of metabolism in shaping cancer biology” (Bari, IT) - **invited**

2018: Department of Infectious Diseases and Pathobiology, Vetsuisse Faculty, University of Bern (Bern, CH) - **invited**

2018: PhDay – Instituto Oncologico Veneto (Padova, IT) - **invited**

2018: Dipartimento di Medicina Interna, Università degli Studi di Genova - **invited**

2017: Breast Cancer Symposium - Cancer du Sein du Cancéropole Grand Ouest, (Nantes, FR) - **invited**

2017: Workshop “Targeting the metabolic deregulation of cancer: a novel pharmacological approach” (Padova, IT) - **invited**

2017: Cancer Metabolism symposium at the “EACR-AACR-SIC Special Conference “The Challenges of Optimising Immuno and Targeted Therapies: From Cancer Biology to the Clinic” – selected, **best oral prize**

2016: DENOTHE Research Center (Firenze, IT) - **invited**

2016: University of Sussex, Brighton (UK) - **invited**

2016: “REVOLUTIONARY ROAD Accelerating Conversion of Cancer Biology into Personalized Clinical Oncology” SIC Annual Conference (Verona, IT) – selected, **Guido Berlucchi Award**

2015: ISCaM meeting - Metabolism and Microenvironmet in Cancer Plasticity (Venezia, IT) – selected, **best oral prize**

2015: SIC Meeting "Signal transduction and tumor microenvironment: new opportunities for cancer therapy” (Catanzaro, IT) – **invited**

2012: EACR 22nd Biennial Congress (Barcelona, ES) – selected, **proffered paper**