



FondazionePietroPaci



VI CONFERENZA NAZIONALE DONNE ANAAO ASSOMED

Nicolaus Hotel Bari 14-16 maggio 2026

Quel talento speciale per la cura

Chi ha un perché abbastanza forte può superare qualsiasi come

(F. Nietzsche)

GIOVEDÌ 14 MAGGIO

15:00 Registrazione partecipanti

15:30 - 18:30 Workshop interattivo

I TALENTI TRA MOTIVAZIONI E BARRIERE: UN PROBLEMA SOLO ITALIANO?

Introduzione di Sandra Morano, Coordinatrice Area Formazione Femminile AnaaO Assomed al Workshop interattivo rivolto a studenti, specializzandi, medici e dirigenti sanitari del SSN, Associazioni mediche, Accademici e decisori politici

LA PROFESSIONE MEDICA DALLE CRITICITÀ QUOTIDIANE AGLI SCENARI INTERNAZIONALI: DOMANDE, ANALISI E PROSPETTIVE

Condotto da Rakesh Pattel Nefrologo, Docente di Medical Education, S. Mary's University Hospital, UK

Coadiuvano il lavoro ai tavoli come tutor Sandra Morano e Rossella Melcarne

RESPONSABILE SCIENTIFICO

Sandra Morano

OBIETTIVO FORMATIVO: 17 - Argomenti di carattere generale: sanità digitale, informatica di livello avanzato e lingua inglese scientifica. Normativa in materia sanitaria: i principi etici e civili del S.S.N. e normativa su materie oggetto delle singole professioni sanitarie, con acquisizione di nozioni di sistema

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FONDAZIONE PIETRO PACI

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Curriculum Vitae for Rakesh P. Patel, Ph.D

University of Alabama at Birmingham
School of Medicine Faculty

PERSONAL INFORMATION

Name: Rakesh P. Patel Ph.D.
DOB: 14th Aug 1972 (London, England)
Citizenship: US (since 2012)
Foreign Languages: Gujarati
Home Address: 5048 Lake Crest Circle
Birmingham, AL 35226
RANK/TITLE: Professor and Interim Vice Chair for Research
Department: Department of Pathology (Molecular and Cellular Division)
University of Alabama at Birmingham
901 19th Street south
Biomedical Research Building 2, room 532
Birmingham, AL 35294
Phone: 205 975 9225
E-mail: rakeshpatel@uabmc.edu

EDUCATION:

Institution	Degree	Year
Department of Biological Sciences, University of Essex, Colchester, Essex, England.	B.Sc. with Honors	1990-1993
Department of Biological Sciences, University of Essex, Colchester, Essex, England.	Ph.D.	1993-1996

POSTDOCTORAL TRAINING:

Department of Pathology, University of Alabama at Birmingham, Birmingham, Alabama, USA
(1997-1999 with Dr Darley-Usmar)

ACADEMIC and RESEARCH APPOINTMENTS:

Year	Title	Institution
1999-2001	Research Instructor	Department of Pathology, Molecular and Cellular, Division, University of Alabama at Birmingham
2001-2002	Research Assistant Professor	Department of Pathology, Molecular and Cellular, Division, University of Alabama at Birmingham
2002-2005	Assistant Professor	Department of Pathology, Molecular and Cellular, Division, University of Alabama at Birmingham
2005-2010	Associate Professor	Department of Pathology, Molecular and Cellular, Division, University of Alabama at Birmingham
2010-current	Professor	Department of Pathology, Molecular and Cellular,

Division, University of Alabama at Birmingham

2017-current	Vice Chair for Research (interim)	Department of Pathology, University of Alabama at Birmingham
2005-current	Secondary Appointment	Department of Environmental Health Sciences, University of Alabama at Birmingham
2007-current	Secondary Appointment	Department of Anesthesiology, University of Alabama at Birmingham
2017-current	Secondary Appointment	Department of Surgery, University of Alabama at Birmingham

Year	Title	Institution
2007-2008	Assistant Director	Molecular and Cellular Pathology Graduate Program, Department of Pathology, University of Alabama at Birmingham
2008-2015	Director	Molecular and Cellular Pathology Graduate Program, Department of Pathology, University of Alabama at Birmingham
2011-2015	Director	HHMI UAB Howard Hughes Med to Grad Program
2011-2016	Co-Director	Graduate Biomedical Sciences Program: Pathobiology and Molecular Medicine Theme, University of Alabama at Birmingham
2012-current	Director	Certificate Program in Translational and Molecular Sciences, University of Alabama at Birmingham
2015-current	Director	NIGMS T32 UAB Translational and Molecular Sciences Program

Year	Title	Institution
2002-2010	Member	Purdue-UAB Botanical Center for Age-related diseases
2007-current	Member	Pulmonary Injury and Repair Center, UAB
2007-current	Member	Comprehensive Cancer Center, UAB
2010-current	Member	Nephrology Research and Training Center, UAB
2012-current	Member	Center for Clinical and Translational Science, UAB
2002-current	Senior Scientist	Center for Free Radical Biology, UAB
2011-current	Senior Scientist	Center for Exercise Medicine, UAB
2012-current	Senior Scientist	Comprehensive Center for Healthy Aging, UAB
2011-current	Senior Scientist	Nutrition and Obesity Research Center, UAB
2010-current	Senior Scientist	Comprehensive Cardiovascular Center, UAB
2011-current	Senior Scientist	Comprehensive Diabetes Center, UAB
2015-current	Director	UAB Center for Free Radical Biology (CFRB)

AWARDS/HONORS:

- 1993 David Whytock Memorial Prize (for highest graduating score in Department of Biochemistry, University of Essex, England)
- 1993-1996 Joint funding for CASE studentship (Ph.D) from ESPRC and Wellcome Pharmaceuticals, United Kingdom
- 1999-2002 Parker B. Francis Foundation Award
- 2010 -2011: Leadership and Dedication Award from Molecular and Cellular Pathology Graduate Students
- 2016: Elected as a Fellow of the Society for Redox Biology and Medicine
- 2016: Recipient of the Society for Redox Biology and Medicine (SfRBM) Mentoring Excellence Award

PROFESSIONAL SOCIETIES / MEMBERSHIPS:

- 1993-1997 Biochemical Society
- 1995-Present International Society for Free Radical Research.
- 1995-Present Society of Free Radical Biology and Medicine (USA); currently Society for Redox Biology and Medicine
- 2002-Present American Physiological Society
- 2003-Present Biochemical Society
- 2005-2011 American Society of Hematology
- 2010-2012 Society for Glycobiology 2012 Member of American Thoracic Society
- 2012-current Member of the American Society of Biochemistry and Molecular Biology

COUNCILS AND COMMITTEES:

International

Grant reviewer:

- 2004-2005 Grant reviewer for EMF trust, UK.
- 2009 Czech Science Foundation
- 2013 Heinrich-Heine-University Düsseldorf
- 2014 Gordon Research Conferences-New GRC proposal
- 2015 The Dunhill Medical Trust, UK
- 2016 EPSRC, UK

National

- 2004-2008 Member of council for the Society of Free Radical Biology and Medicine

Grant reviewer:

- 2001, 2006 Grant reviewer for National Science Foundation

2002 NIH-NHLBI Special Emphasis Panel/Study Section for Minority based Research Grants
 2003 NIH-NHLBI Special Emphasis Panel/Study Section for Minority based Research Grants
 2004 NIEHS Special Emphasis Panel (RFA-03-010)
 2004-2007 American Heart Association, South Eastern Affiliate, Committee 3B study section
 2006 NIH VCMB Ad hoc study section member
 2007 NIH Program Project Grant review panel member (NHLBI-HLBP) review panel member
 2008 NIH Program Project Grant review panel member (NHLBI-HLBP) review panel member
 2009 NIH (NHLBI) Program Project Grant review panel member
 2009 NIH (NHLBI) Ad hoc reviewer minority training grants
 2010 NIH (NHLBI) K99 Grant Reviewer
 2012 NIH (NHLBI) Reviewer on Special Emphasis Panel/Scientific Review Group 2013/01 ZHL1 CSR-C (F1): Excellence in Hemoglobinopathies Research Award (U54).
 2012-2014: ADA. Reviewer for American Diabetes Association
 2013 NIH (NHLBI) Reviewer on Special Emphasis Panel for PPG application “Serious hazards of transfusion and cellular therapies: Mechanisms and Intervention”
 2013 NIH (NHLBI) Reviewer for NIH PHS-2013-1 SBIR Phase 1 topic 74 “Improving Safety and Efficacy of Red Blood Cell Products in Transfusion”
 2013 NIH (NCAAM) Education Review Panel 2014 NIH (NHLBI) Reviewer on Special Emphasis Panel for PPG application “Serious hazards of transfusion and cellular therapies: Mechanisms and Intervention”
 2015 NIH (NIAID) Reviewer on Topic 32 Removing Cells from Small Amounts of Blood SBIR
 2015 NIH (NHLBI) SBIR Phase 2 topic 74 “Improving Safety and Efficacy of Red Blood Cell Products in Transfusion”
 2015, 2016 NIH AICS Study Section (Ad hoc)
 2016 NIH ZRG1 “Molecular Profiles and Biomarkers of Food and Nutrient Intake”
 2017 NIH SBIR Phase IIB R44 Review Panel (SEP)

UNIVERSITY ACTIVITIES:

Steering and Advisory committees:

2007-2010: Human Subjects Research Committee, Department of Anesthesiology, UAB
 2008-current: Steering Committee, Pulmonary Injury and Repair Center
 2010-current: Steering Committee, Center for Free Radical Biology and Medicine
 2011-2014: Steering Committee, CCTS Training Academy Planning committee
 2011-2016: GBS Faculty review Committee, UAB
 2012-current: Steering Committee, Comprehensive Cardiovascular Center, UAB
 2012-2015: AMC21 Research Strategic Plan: Graduate and Postdoctoral Education Initiatives

2014-2016: GBS Program Directors Steering committee
 2015-2016: School of Medicine Research Space Allocation Policy Committee
 2015-current: Director, UAB Center for Free Radical Biology
 2015-current: UAB I3 (Inflammation, Infection and Immunity) steering committee
 2016-current: UAB Medical Scientist Training Program (MSTP) Advisory Committee
 2016-current: I3 scholar committee
 2017-current: UAB SOM Master Plan for Space: Wet Lab / Core / ARP committee
 2017-current: Co-Chair Purchasing and Procurement Evaluation committee, Center of Council Directors.
 2017-current: GBS Curriculum Assessment Committee

Search committees:

2007 Search Committee for Assistant/Associate Professor Department of Anesthesiology, University of Alabama at Birmingham
 2007 Search Committee for Assistant/Associate Professor Department of Environmental Health Sciences, University of Alabama at Birmingham
 2013 Search Committee for Director of Student Engagement
 2017 Search Committee for Assistant / Associate / Professor of Pathology, Division of Laboratory Medicine- Clinical Chemistry
 2017 Chair, Search Committee for Assistant Professor, Department of Pathology, University of Alabama at Birmingham
 2017-2018 Search Committee for Chair, Department of Anesthesiology, University of Alabama at Birmingham

Other (Grant reviewer)

2003-2005: Pilot grant reviewer for Cell Adhesion and Matrix Research Center
 2004-2005, 2007: Pilot Grant reviewer for Alzheimers Center
 2012, 2015, 2016: Grant reviewer for CCTS pilot applications
 2012, 2015, 2016: Grant reviewer for KPRI-Department of Pediatrics, UAB.
 2013-current: Grant reviewer for Comprehensive Cardiovascular Center, UAB
 2015 Internal review committee, School of Medicine, UAB for K99/R00 grant proposal for Dr Ravinder Boddu
 2016 Grant reviewer for the Cystic Fibrosis Center
 2016 Panel Member, UAB CCTS Grants Review Panel for Dr Curtis
 2016 Panel Member, UAB CCTS Panels Done Quickly/ Nascent Panel Project
 2016 Grant reviewer for SOM 2nd RO1 grant initiative
 2016 Internal reviewer for SOM for UAB Superfund EPA grant application

- 2017 Internal reviewer for UAB DOM-Pulmonary PPG application on Lung fibrosis mechanisms
- 2017 Internal reviewer for UAB SOM- second RO1 pilot grant application

Other (faculty mentoring):

- 2009-2010: Mentor in Health Disparities Research Training Award Program (HD RTP) for Dr Asemu (Tuskegee University)
- 2012-2015: Faculty Mentoring committee for Dr Aimee Landar (Pathology)
- 2013-current: Faculty mentoring committee for Eric Judd (Medicine-Nephrology)
- 2014-current: Faculty Mentoring committee for Dr Rajasekaran Soorappan (Pathology)
- 2014-current: Faculty Mentoring committee for Dr Adam Wende (Pathology)

Medical Education

- 2009-2010: MEC Assessment Subcommittee member
- 2014-2015: Participant in Pre-Med 1st STEP (Science Training Enrichment Program) with a focus on increasing URM matriculation from undergraduate into medical school.

Graduate Training and Education

- 2002-2004 Judge Graduate Student Research Day
- 2002-2007 Course Master, Integrative Biomedical Sciences 700 (IBS 700)
- 2002-2007 Integrated Biomedical Sciences steering committee
- 2006-current: Training Grant Faculty for T32 HL007918-11 Training Program in Cardiovascular Pathophysiology
- 2008-2012 Graduate Biomedical Science Core Curriculum Steering committee
- 2008-2016 Graduate Biomedical Science, Pathobiology and Molecular Medicine Theme Steering Committee and Recruitment Committee
- 2008-current Director, Molecular and Cellular Pathology Graduate Program
- 2010-current: Training Grant Faculty for T32 Nephrology Research and Training
- 2011-2012 HHMI International Fellowship review committee
- 2011-2016 Co-Director, Pathobiology and Molecular Medicine graduate theme, GBS.
- 2011-2015 Director, HHMI UAB Med to Grad Program
- 2012-2014 Co-Director of GBS 704 course (Introduction to Experimental Medicine-Methods and Analysis)
- 2013-current: Training Grant Faculty for T32 Exercise Medicine
- 2013-current: Training Grant Faculty for T32 Nutrition and Obesity Research

2015	PhD student fellowship application reviewer for CMBD T32
2015- current	Director, NIGMS T32 in Translational and Molecular Sciences
2015	PhD student fellowship application reviewer for Lung disease T32
2017-current:	Training Grant Faculty for T32 in Lung Disease

Post-doctoral Education / Training

2004-current:	Training Grant Faculty for T32 HL07457 Mechanisms of Hypertension and Cardiovascular Disease (postdoctoral fellowships)
2013:	Support Faculty for T32 (NHLBI) UAB Statistical Genetics Post-doctoral Research Program
2014	Judge, 8 th Annual UAB Post doc Research Day

Graduate Student Dissertation Committees

Masters (total 4)

2007-2009	Member of the MSc thesis committee for Amit Yadav, Department of Environmental Health Sciences, UAB
2007-2009	Member of the MSc thesis committee for Meenakshi Kushwaha, Department of Biomedical Engineering, UAB
2010-2011	Member of the MSc thesis committee for Chase Vaughan, Department of Pathology, UAB
2011-2014	Member of the MSc thesis committee for Stephen Babitz, Department of Pathology, UAB

PhD (total 39)

1999-2002	Member of the graduate school committee for Mutay Aslan, Department of Anesthesiology, UAB
2001-2003	Member of the graduate school committee for Valerie Meyers, Department of Pathology, UAB
2001-2003	Member of the graduate school committee for Sruti Shiva Department of Pathology, UAB
2002-2005	Member of the graduate school committee for Cliff Toleman, Department of Cell Biology, UAB
2003-2005	Member of the graduate school committee for Laila Abou-Agag, Department of Nutrition, UAB
2004-2008	Member of the graduate school committee for Joo Yeun Oh, Department of Pathology, UAB

2004-2007	Member of the graduate school committee for Hyeonju Yeo, Department of Pathology, UAB
2004-2010	Member of graduate school committee for Jessica Guitierez, Department of Physiology, UAB
2004-2006	Member of the graduate school committee for Zhen Yang, Department of Pathology, UAB
2005-2008	Member of the graduate school committee for Shannon Eliuk, Department of Pharmacology, UAB
2005-2008	Member of the graduate school committee for Tracy D'Allesandro, Department of Pharmacology, UAB
2005-2006	Member of the MSc thesis committee for Thanh Huynh, Department of Engineering, UAB
2005-2006	Member of the MSc thesis committee for Jeff Koentizer, Department of Biology, UAB
2006-2009	Member of the graduate school committee for Nai-Lin Cheng, Department of Physiology, UAB
2006-2013	Member of the graduate school committee for Melissa Roden, Department of Pathology, UAB (did not complete)
2006-2009	Member of the graduate school committee for Marcienne Wright, Department of Biochemistry and Molecular Genetics, UAB
2007-2011	Member of the graduate school committee for Ashlee Higdon, Department of Pathology, UAB
2008-2012	Member of the graduate school committee for Asaf Stein, Environmental Health Sciences, UAB
2009-2012	Member of the graduate school committee for Colin Reilly, Department of Pathology, UAB
2009-2012	Member of the graduate school committee for Ryan Corrick, Department of Pathology, UAB
2010-2014	Member of the graduate school committee for James Londino, Department of Cell Biology, UAB
2010-2013	Member of the graduate school committee for Thomas Peavy, Department of Neurobiology, UAB
2011-2014	Member of the graduate school committee for Niroop Kaza, Department of Pathology, UAB

2012-2017	Member of the graduate school committee for Suean Fontenard, Biochemistry and Structural Biology Theme, UAB
2012-2015	Member of the graduate school committee for Matthew Schultz, Physiology and Biophysics graduate program, UAB
2012-2015	Member of the graduate school committee for Matthew Dodson, Cell and Molecular Development theme, UAB
2012-2015	Member of the graduate school committee for Stephanie Wall, Department of Pathology, UAB
2012-2016	Member of the graduate school committee for Dennis Steverson, Department of Pathology, UAB
2013-2016	Member of the graduate school committee for Christopher Graham, Cancer Biology Theme, Graduate Biomedical Sciences, UAB
2014-2017	Member of the graduate school committee for Brady Spencer, Pathobiology and Molecular Medicine Theme, Graduate Biomedical Sciences, UAB
2015-current	Member of the graduate school committee for Andrew Holdbrooks, Pathobiology and Molecular Medicine Theme, Graduate Biomedical Sciences, UAB
2015-current	Member of the graduate school committee for James Lambert, Biochemistry and Structural Biology Theme, Graduate Biomedical Sciences, UAB
2015-current	Member of the graduate school committee for Morgan Locy, Pathobiology and Molecular Medicine Theme, Graduate Biomedical Sciences, UAB
2016-current	Member of the graduate school committee for Jeremie Lever, Pathobiology and Molecular Medicine Theme, Graduate Biomedical Sciences, UAB
2017-2017	Member of the graduate school committee for Sarah Bowhay, Biochemistry, Structural and Stem Cell Biology Theme, Graduate Biomedical Sciences, UAB (Student left program)

2017-current	Member of the graduate school committee for Jacelyn Peabody, Pathobiology and Molecular Medicine Theme, Graduate Biomedical Sciences, UAB
2018-current	Member and Chair of the graduate school committee for Jessie Barra, Immunology Theme, Graduate Biomedical Sciences, UAB
2018-current	Member of the graduate school committee for Wayne Howse, Cancer Biology Theme, Graduate Biomedical Sciences, UAB

External Examiner:

2010-2012	Member of the graduate school committee for Tim Flewelen, Medical College of Wisconsin
2013	Opponent for PhD student Signe Helbo, Institute of Bioscience, Aarhus University, Denmark
2014 - 2015	Member of the graduate school committee for Jessica Jones, Loma Linda University, CA
2017	External examiner for PhD student Luciana Da Silveira, Department of Laboratory Medicine and Pathology Graduate Program, University of Alberta, Canada

TEACHING EXPERIENCE:

Course Director

2002-2008	Course Master, Integrative Biomedical Sciences Program (IBS 700), University of Alabama at Birmingham (1 st semester block for 1 st graduate students)
2012-current:	Director of the Translational and Molecular Sciences Certificate Program
2012-current:	Course Director: HMG 707 (Vocabulary in Clinical Research)
2012-2016:	Course Director: HMG 705 (Drug Discovery)
2017:	Course Director: TMS714 and TMS724 (Modelling Human disease)

Teaching

Graduate students

1999-present	“Protein structure and function: Biochemistry of Hemoglobin” in Biological Chemistry and Cellular course, for first year graduate students in the Integrative Biomedical Sciences Program, and then Graduate Biomedical Sciences core curriculum (GBS 707) University of Alabama at Birmingham (1 lecture, 2h)
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- 2000-2004 “PAT 700: Biology of Disease” to second year graduate students, University of Alabama at Birmingham. Lecture Title: Inflammation: Role of leukocyte-endothelial cell interactions. (1 lecture, 2h)
- 2001 “Glycolysis” module as part of the Biological Chemistry and Cellular Physiology course for first year graduate students in the Integrative Biomedical Sciences Program, University of Alabama at Birmingham (1 lecture, 2h).
- 2001 “Carbohydrate Chemistry” module as part of the Biological Chemistry and Cellular Physiology course for first year graduate students in the Integrative Biomedical Sciences Program, University of Alabama at Birmingham (1 lecture, 2h).
- 2001-2002 “Models for Inflammation: NO and free radical related diseases” for In Vivo Models for Biomedical Research course, for first year graduate students in the Integrative Biomedical Sciences Program-III. University of Alabama at Birmingham (1 lecture, 2h).
- 2002-2010 “Enzyme kinetics and Enzyme function and regulation” module as part of the Biological Chemistry and Cellular Physiology course for first year graduate students in the Integrative Biomedical Sciences Program, University of Alabama at Birmingham (3 lectures, total 6h)
- 2003-present PAT 701 Molecular Basis of Disease to second year graduate students, University of Alabama at Birmingham. Lecture Title: Role of Endothelial Responses to Injury and Inflammation (1 lecture, 2h)
- 2007-current: Teaching Free Radicals in Health and Disease (ENH 783): Ischemia Reperfusion injury to second year graduate students, University of Alabama at Birmingham (1 lecture, 2h)
- 2010-current: “Enzyme kinetics and Enzyme function and regulation” in Graduate Biomedical Sciences core curriculum (GBS 707) for first year graduate students, University of Alabama at Birmingham. (2 lectures, total 4hr).
- 2010-2011: “Introduction to Molecular Medicine: Oxidative stress, Cardiovascular disease and Anti-oxidant Therapy” (GBS 704) for first year graduate students, University of Alabama at Birmingham. (1 lecture, total 2hr).
- 2014, 2016: Teaching “New advances in nitric oxide biology in cardiovascular disease” (GBS 758, 1 lecture, 1h)
- 2016-current: Teaching “Redox Signaling” (GBS 709, 1 lecture, 1 discussion class, 4h total)

2016: Teaching in “Mastering the Art of Reproducible Science” Course and the “Reproducibility issues relate to preclinical testing and failures in clinical studies” module. (GBS 746, 4 lectures, discussion classes, approximately 14h)

Residents

2010: Teaching Anesthesiology residents, Free Radicals and Inflammation (1hr per lecture)

2013: Teaching Pulmonary medicine residents, Free Radicals and Inflammation (1hr per lecture)

MENTORING

Undergraduate Science and Technology Honor students

June 2016-June 2017 Alexandria Nichols, BS Biology UAB

Graduate (PhD) students

1999-2002: Brenda Boersma, PhD (graduated 2002) Co-mentor with Dr Barnes and Dr Darley-Usmar
Current Position: Employee
National Cancer Institute

November 2002-July 2004 Jack H. Crawford Ph.D, (graduated July 2004).
Current Position: Associate Professor,
Department of Anesthesiology
University of Alabama at Birmingham

August 2004-October 2007 T. Scott Isbell, PhD (graduated Dec 2007).
Current Position: Assistant Professor, Saint Louis University, MO

August 2006-June 2010 Dario Vitturi, PhD (Graduated June 2010)
Current Position: Research Instructor, University of Pittsburgh

October 2010 – June 2013 David W Scott, PhD (Graduated March 2013)
Current Position: Principal Scientist, Spyryx Biosciences, North Carolina, USA

Sep 2009 – May 2014 Ryan Stapley, PhD (Graduated May 2014)
Current Position: Lecturer, Montana State University

June 2016-current Kellie regal, PhD- PBMM theme

Postdoctoral Fellows

2003-2004	Cate Fenster, PhD Current Position: Assistant Professor, Dept of Biology, College of Wooster
Oct 2002-Oct 2006	Balu K Chacko, PhD Current Position: Research Instructor, University of Alabama at Birmingham
Jan 2009- Jan 2011	Andrey Samal MD Current Position: Internal Medicine Physician, Baptist Health Care Systems, Alabama.
Aug 2010-Dec 2012	Bessy Thrash, PhD Current Position: Unknown
Jan 2011-Aug 2012	Yanping Liu, PhD Current Position: Research Associate, UAB
May 2013- Apr 2015:	Matthew Vallejo, PhD Current Position: Postdoctoral Fellow, Department of Psychiatry, UAB
Oct 2013-2015:	Joo-Yeun Oh, PhD Current Position: Research Associate, Department of Pathology, UAB
Feb 2016-current:	Khandakar Ahmed, PhD
Jan 2017-Dec 2017:	Chae Y Bae, PhD Current Position: Researcher (Biology team), NOUL Inc. South Korea
Feb 2017-current:	Kiyoung Kim, PhD

Residents / Fellows mentoring

2014-2016	Jennifer Hamm, MD Fellow, Pediatric Hematology-Oncology University of Alabama at Birmingham
2015-2016 (co-mentor with Dr Gaggar)	Gregory Payne, MD Chief Fellow, Cardiovascular Medicine University of Alabama at Birmingham

2016-current (Co-mentor with Dr Lal)	Sam Gentle, MD Fellow, Pediatrics-Neonatology University of Alabama at Birmingham
2017-current	Rindi Ulrich, MD Fellow, Surgery-Trauma University of Alabama at Birmingham

Faculty mentoring

2012-2015:	Faculty Mentoring committee for Dr Aimee Landar (Pathology)
2013-2015:	Promotion and Tenure evaluation committee.
2014-current:	Faculty Mentoring committee for Dr Rajasekaran Soorappan (Pathology)
2014-current:	Faculty Mentoring committee for Dr Adam Wende (Pathology)
2017-current:	Faculty Mentoring committee for Dr Vikram Saini (Microbiology)
2017-current:	Faculty Mentoring committee and K-grant mentor for Dr Allison Jones, (Nursing)

Department of Pathology Activities:

2003-current:	Molecular and Cellular Pathology IRB Review committee
2003-current:	Molecular and Cellular Graduate Program steering committee
2003-2004:	Molecular and Cellular Graduate Program Website Subcommittee
2007-2009:	Molecular and Cellular Pathology Division representative on Departmental Faculty Advisory Committee
2007-2008:	Assistant Director, Molecular and Cellular Pathology Graduate Program
2008-current:	Director, Molecular and Cellular Pathology Graduate Program
2012-2015:	Organized, Chair of Pathology Trainee Research Day
2012-2015:	Faculty Mentoring committee for Dr Aimee Landar (Pathology)
2013-2015:	Promotion and Tenure evaluation committee.
2014-current:	Faculty Mentoring committee for Dr Rajasekaran Soorappan (Pathology)
2014-current:	Faculty Mentoring committee for Dr Adam Wende (Pathology)
2016-current:	Research advisory committee.
2017:	Chair, Search Committee for Assistant Professor, Department of Pathology, University of Alabama at Birmingham

EDITORIAL RESPONSIBILITIES / BOARD MEMBERSHIPS:

2000-present	Editorial board of Free Radical Biology and Medicine
2012- 2015	Associate Editor, American Journal of Physiology, Lung Cellular and Molecular Physiology
2014- current	Reviews Editor, Nitric Oxide Journal
2015-current	Consulting Editor, American Journal of Physiology, Lung Cellular and Molecular Physiology
2016-current	Editorial Board, American Journal of Pathology

Reviewer for research articles in:

- Acta Physiologica Scandinavia
- American Journal of Clinical Nutrition
- American Journal of Medical Science
- American Journal of Pathology
- American Journal of Physiology (Heart and circulatory physiology)
- American Journal of Physiology (Lung Cell and Molecular Physiology)
- American Journal of Respiratory Cell and Molecular Biology
- Anesthesia and Analgesia
- Antioxidants and Redox Signaling
- Atherosclerosis
- Biochemical Pharmacology
- Biochimica et Biophysica Acta
- Biochemical and Biophysical Research Communications
- Biomaterials
- Blood
- British Journal of Cancer
- British Journal of Pharmacology
- Canadian Journal of Physiology and Pharmacology
- Carcinogenesis
- Cardiovascular Research
- Circulation
- Circulation Research
- Comparative Biochemistry and Physiology
- European Journal of Biochemistry
- Food and Chemical Toxicology
- Free Radical Research
- Free Radical Biology and Medicine
- Journal of American Chemical Society

- Journal of Applied Physiology
- Journal of Biological Chemistry
- Journal of Endocrinological Investigation
- Journal of Experimental Medicine
- Journal of Laboratory and Clinical Medicine
- Journal of Lipid Research
- Journal of Membrane Biology
- Journal of Molecular and Cellular Cardiology
- Journal of Neurochemistry
- Journal of Nutrition
- Journal of Physiology
- Journal of Pharmacology and Experimental Therapeutics
- Kidney International
- Lipids
- Matrix Biology
- Microvascular Research
- Molecular Cancer Therapeutics
- Nature Neurology
- Nitric Oxide Journal
- Nutrition
- Pediatric Research
- Physiology
- PLoS One
- Proceedings of the National Academy of Sciences
- Redox Biology
- Scientific Reports
- Toxicology

PROFESSIONAL CONSULTANTSHIPS:

2004 Consultant with SensorMedics Corporation (Viasys)
 2013 Theravasc, USA
 2015 New Health Sciences, USA
 2015 Hemocue, USA

MAJOR RESEARCH INTERESTS:

We incorporate basic science and translational studies in pursuit of our research interests which are to understand redox related mechanisms regulating inflammation in various pathogenic states and how these are integrated to environmental stresses. We have two primary areas of focus i) understanding the molecular basis of nitric oxide and nitrite interactions with different organs and red blood cells and how these impact upon biological processes associated with blood flow regulation and pulmonary function during hypoxia, inflammation (associated with Sepsis, trauma, transfusion, transplantation or in response to inhaled (environmental) irritants) and ii) understanding how post-translational modification of proteins by carbohydrates control endothelial cell function and immune cell trafficking to regulate inflammatory responses. We employ an integrative approach utilizing biochemical, molecular, cell

culture and pre-clinical models to develop and test hypotheses and use the insights gained from studies design and conduct translational / clinical studies to test promising therapeutics.

Patents:

1. Treatment of Specific Cardiovascular conditions with Nitrite.
Co-inventor : RP Patel
Patent no. 207155
2. Sodium Nitrite Regulation of arteriogenesis and Angiogenesis
Co-inventor : RP Patel
Patent no. 209208
3. New Application based on PCT/US2013/057573. U.S. Serial Number 14/422,871; filed 20 February 2015. Title: *Anti-Complement Therapy Compositions and Methods* Co-inventor: RP Patel

GRANT SUPPORT:

Current:

T32 GM109780 (PI, Patel)	07/01/15 – 06/30/20	0.01CM
NIH/NIGMS	\$100,644	

UAB Predoctoral Training Grant in Translational and Molecular Sciences

This is T32 training grant application for graduate students interested in Translation research training.

U01 ES023759 (PI, Patel)	09/18/13 – 06/30/18	2.4CM
NIH/NIEHS	\$697,357	

Nitrite Dependent Protection Against Cl₂ Gas Toxicity Role of Chlorinated Lipids

The major goals are to evaluate the chlorinated lipids as novel effectors of acute lung injury and test nitrite as a post chlorine gas exposure therapeutic to improve survival and limit inflammatory lung injury.

New Health Sciences, MA (PI, Patel)	09/11/15 – 09/10/17	0.025CM (NCE)
	\$45,900	

Research Agreement with New Health Sciences and UAB

This grant investigates how anaerobic blood storage may protect RBC from storage dependent damage

SBIR Phase IIB (NHLBI) with New Health Sciences, MA (Role: Sub-contract PI)

NIH/NHLBI	4/1/16 - 3/31/19	1.2 CM
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Brief description of project goal: Assessing RBC quality in aerobic vs anaerobic storage

U01ES026458	(PI, Matalon)	08/15/15 – 06/30/20	0.6 CM
NIH-NIEHS		\$546,593	

Bromine Inhalation Induced Lung Injury: Novel Mechanisms and Treatment Strategies

R01HL125391(PI, Jun)	01/15/15 – 12/31/19	0.6CM
NIH/NHLBI	\$252,238	

Prohealing Multifunctional Endothelium Nanomatrix Coated Stent.

In this project the potential for NO-coated stents to prevent endothelial inflammation will be explored.

RO1H128694 (PI, Kim)	04/01/16 – 03/31/20	0.3CM
NIH/NHLBI	\$250,000	

Saturated Fatty Acid-induced Autophagy in Vascular Endothelium

In the project the role of fatty acids to induce endothelial dysfunction will be explored.

PENDING

RO1 (Multi PI: Patel and Pittet)	07/01/18 – 08/31/21	1.8CM
NIGMS	\$367,049	

Stored RBC Toxicity in Trauma-Hemorrhage

The major goal of this project is to determine the effects and associated mechanisms of RBC storage and adverse effects in the setting of massive transfusion

Overlap: None

NIH U54 (Matalon PI, Patel, Co-PI's)	07/01/17 – 08/31/22	3.6CM
Project 4 (PI, Patel)	\$375,000	

Oral microbiome and Br gas toxicity

The major goal of this project is to determine how halogen gas toxicity affects, and is regulated by the oral nitrate-reducing microbiome.

NIH 1R01XX (Jinraj, PI; Patel Sub PI)	09/01/16 – 08/31/21	0.6CM
University of Puerto Rico/NIH	\$46,454	

Oral Microbiome, Nitric Oxide Metabolism, and Oral and Cardiometabolic Health.

The major goal of this project is to determine if salivary and circulating nitrite and nitrate associate with cardiometabolic disease and oral health in Puerto Ricans.

AHA Innovation Award (PI: Patel) 7/1/18 – 6-30-20

The oral nitrate-reducing microbiome and cardiovascular disease susceptibility

NIH R21 (Patel and Dluhy Co-PIs) 7/1/18 – 6-30-20

Using Raman Spectroscopy to Evaluate the RBC storage lesion

Past:

NIH funded (as PI or multi-PI)

NIH-R01 HL70146 (PI: RP Patel)	04/02-03/07
“Role of S-nitrosohemoglobin in sepsis”	

This grant investigated the role of hemoglobin and s-nitrosohemoglobin in the pathogenesis of sepsis

NIEHS R03 ES1504-02	R.P. Patel (PI)	09/01 – 08/03
“Anti-atherogenic effects of soy-isoflavones”		

This grant investigates the effects of chlorinated and nitrated isoflavones on ox-LDL induced monocyte-endothelial cell interactions.

NIH / NHLBI (PI: RP Patel) 2/22/10 – 11/30/2013 (NCE 11/30/2014)

“Role of hemoglobin b93cys residue in nitric oxide bioactivity”

This study evaluates the role of the hemoglobin b93cys residue to modulate vascular and pulmonary function during hypoxia and inflammation

NHLBI, RO195468 (Multi PI: Patel, Weinberg and Barnum) 9/18/09 – 7/31/2013 (NCE 7/31/2014)

“RBC age and potentiation of transfusion related pathology in trauma patients”

This study evaluates the mechanisms associated with RBC aging and transfusion-related pathology (also referred to as the RBC lesion)

NIEHS, U54 ES17218 (PI Patel, Project 3; U54 PI Matalon) 9/1/2008 – 5/31/2011 (NCE until 5/31/2012)

“Nitrite dependent protection against chlorine induced injury to the cardio-pulmonary system”

This project will determine effects of chlorine gas inhalation in mediating injury to the systemic vasculature and test nitrite-based therapy to attenuate pulmonary and systemic vascular injury

NIH funded (as Co-inv)

NIH/ODS (P50 AT-00477)

Purdue-UAB Botanical Center Grant (PI Connie M. Weaver,) 09/00-06/05

Project 4 S. Barnes (PI), R. Patel (Co-Investigator)

“Polyphenols and inflammatory disease”

Determine the kinetics of the reactions between polyphenols and pro-inflammatory oxidants. The polyphenols will be those used by investigators in projects 1-3, i.e., soy, red clover and kudzu isoflavones, grape flavonoids and proanthocyanidins, and tea catechins

NIH R01 67930 (P.I. C. Roger White, Patel, RP Co-Investigator) est 8/01-7/05

“Myeloperoxidase and NO Signaling in the Vasculature”

In this proposal the contribution of MPO and HOCl in endothelial dysfunction and reduced NO bioactivity under inflammatory conditions will be defined. The effect of chlorinated products of L-arginine on endothelium dependent relaxation will be characterized in-vivo and in-vitro

NIH DK60658 (PI: J. Murphy-Ullrich, RP Co-Inv) 02/0/02-01/31/2006

“Diabetic cardiomyopathy: TGF-beta activation and fibrosis”

The goals of this project are to understand the mechanisms of TGF-beta activation by cardiac fibroblasts under hypertensive and diabetic-hypertensive conditions. This will be accomplished by investigating the role of TSP in TGF-beta activation in vitro in cardiac fibroblasts cultured with angiotensin II and/or glucose and in rodent models of type I diabetes and hypertension

NIH RO1 (PI- Dr CR White, RP Patel, CO-inv) 12/2004-10/2008

HDL and Vascular Injury in Type 2 Diabetes

This grant investigates the effects of HDL peptide mimetics on reversing vascular dysfunction in Diabetes

NIH-DK056804 (P.I. M Fallon, RP Patel- Co-inv)) 12/2004-11/2008

“Mediators of Pulmonary Vasodilatation in Liver Disease”

This grant investigates the role of ET-1 and NO in modulating leukocyte interactions with endothelium during liver injury and pulmonary vasodilation

NHLBI RO1 (PI Matalon, RP Patel Co-inv) 12/2006-11/2008

Nitric oxide modulation of CFTR Expression and Function

This grant investigates the effects of NO in modulating CFTR function

NIH. RO1 HL092857-02 (PI Bailey, Co-inv Patel) 08/01/2008-07/31/12

“Mitochondrial Mechanisms of Hydrogen Sulfide Induced Suspended Animation”

In this proposal, the mechanisms of hydrogen sulfide signaling will be assessed in this proposal

NIH. RO1 (PI Landar, Co-inv, Patel) 2/28/10 – 2/28/2015

“The role of mitochondrial protein thiol modification in endothelial dysfunction”

In this proposal, the role of mitochondrial protein thiols in regulating endothelial function and nitric oxide signaling will be assessed

Overlap: None

T32GM008111-28S1 (PI Yoder)	07/01/15 – 06/30/16	0.3CM
NIH/NIGMS	\$70,122	

Mastering the Art of Reproducible Science

R21ES026829 (PI, Matalon)	09/30/15 – 08/31/17	0.6 CM
NIH	\$238,750	

Mechanisms and Countermeasures of Halogen-Induced Injury to Pregnant Mice

This grant investigates how bromine toxicity mechanisms are different in pregnancy compared to non-pregnancy including vascular dysfunction

American Heart Association funded:

American Heart Association-Southeast Affiliate Beginning Grant in aid (Patel, RP, PI)
07/2000-06/2002

Role of S-nitrosohemoglobin in heme-dependent modulation of Nitric Oxide signaling pathways in the vascular endothelium

American Heart Association-Southeast Affiliate Grant in aid (Patel, RP, PI)
6/1/06-5/31/08

Modulation of hypoxic vasodilation by red blood cells and nitrite

American Diabetes Association Funded

“Nitrite: A novel Donor Therapy to Promote Islet Transplantation”

Role: Co-Inv (PI- Dr S. Kelpke, UAB)

Supporting Agency: American Diabetes Association

Performance period: 1/1/08-12/31/09

Brief description of project goal: In this proposal, the feasibility of nitrite therapy to islet brain dead donors will be tested

Industry funded:

United SoyBean Board (PI RP Patel) 6/1/04-5/31/05

“Revealing the anti-inflammatory effects of isoflavones by blood flow”

This grant investigates the role of flow on the anti-adhesive effects of isoflavones

iNO Therapeutics RP Patel (PI) 9/1/05-8/31/07 (Phase 1 trial)

“The effects of inhaled nitric oxide on hepatic reperfusion injury in human liver transplantation”

This clinical study evaluated the efficacy of inhaled nitric oxide to prevent ischemia-reperfusion injury in liver transplantation patients

Aires Pharmaceuticals : PI: RP Patel 4/15/08 – 12/31/08

Effects of pH and Aires Formulation nitrite dependent vasodilation

This study evaluates the ability of novel nitrite formulations to stimulate vasodilation ex vivo

Ikaria (formerly iNO Therapeutics) PI Patel 4/1/08-3/31/12 (NCE until 1/31/2013)

“Inhaled Nitric oxide and human liver transplantation (Multi center Phase 2 trial)”

This grant will determine if inhaled Nitric oxide administered to liver transplant recipients during transplantation can prevent ischemia-reperfusion/inflammatory injury.

Theravasc LLC: PI: RP Patel 4/1/10 – 4/1/11

Nitrite and Nitrate measurements in PAD patients treated with nitrite therapy

Collaborative Agreement with Rythrx Therapeutics, LLC PI: Patel 10/1/13 - 9/30/14

Brief description of project goal: Evaluate therapies for RBC storage lesion

Heart Biotech Holdings, LLC (PI, Matalon) 09/08/15 – 09/07/16

Testing the Efficacy of Hydrogel-based Nanoparticles, Encapsulating Nitrite and Nitric Oxide in the Treatment of Acute Lung Injury and Pulmonary Hypertension

Educational / Training Grants

Howard Hughes Institute-UAB Med to Grad Program PI: Patel 5/1/11 - 3/31/14 (NCE 3/31/15)

Brief description of project goal: Program Director

Howard Hughes Institute: Supplement PIs Patel and Anderson 5/1/13 - 3/31/14

Develop website and server data base for teaching of translational pathology by flipped classroom approaches

Internal / Pilot Funded:

UAB Cell Adhesion and Matrix Research Center Grant June, 2000- May, 2001
PI; Rakesh P. Patel
“Modulation of Monocyte-endothelial cell interactions by Hemoglobin and Nitric Oxide”

Purdue-UAB Botanical Center Pilot Grant. 07/01/01-06/31/03
Patel, Rakesh P (PI)
Modulation of monocyte-endothelial cell interactions by polyphenols.

Purdue-UAB Botanical Center Pilot Grant. 4/1/08 – 3/31/09
Patel, Rakesh P (PI)
Isoflavone dependent modulation of the vascular glycocalyx

Other:

Parker B. Francis Foundation Fellowship. Patel, RP (PI)
07/01/99-06/30/02.

Conferences/Symposia Organized.

31st March- 4th April, 2001 "Interplay between Nitric Oxide and Hemoglobin: Current Concepts"
American Physiological Society cross sectional symposium, Experimental Biology Meeting 2001,
Orlando, FL, USA

Sept 2005. Organizing committee for “Role of Nitrite in Physiology, Pathophysiology and
Therapeutics Meeting”
National Institutes of Health

Nov 2006: “Redox Modulation of Angiogenesis and Vascular Development” Society for Free
Radical Biology Meeting 2006, Denver USA. Symposium organized by Dr Chris Kevil and Dr
Rakesh Patel

Sept 2007. Organizing committee for “Second International Role of Nitrite in Physiology and
Pathophysiology and Therapeutics Meeting”
National Institutes of Health

Nov 2007: Co-organizer and Chair for “Sunrise Free Radical School”. Society for Free Radical
Biology Meeting 2007, Washington DC USA.

Nov 2008: Co-organizer and Chair for “Sunrise Free Radical School”. Society for Free Radical
Biology Meeting 2008, Indianapolis USA

Jun 2009. Organizing committee for “Third International Role of Nitrite in Physiology and
Pathophysiology and Therapeutics Meeting”

Karolinska Institute, Sweden

Jun 2011. Organizing committee for “Fourth International Nitrite Pathophysiology and Therapy 2011 Conference” Emory University, Atlanta, USA

Jun 2013. Organizing committee for “Fifth International Nitrite Pathophysiology and Therapy 2013 Conference” Pittsburgh, USA

Feb 2014: Vice Chair, Gordon Conference on Oxygen Radicals, Ventura, CA

June 2014: Organizer and Co-Chair for Sixth International meeting on Nitrite and Nitrate Pathophysiology and Therapy in combination with the 8th International Conference on the Biology, Chemistry and Therapeutic Application of Nitric oxide, Cleveland, USA

2014: International advisory board member for Society for Free Radical Research International Meeting, Kyoto 2014

2016: Chair for Gordon Research Conference on Oxygen Radicals (elected in 2012)

2016: Scientific Advisory Board, 9th International Conference on the Biology, Chemistry, and Therapeutic Applications of Nitric Oxide (NO2016), Sendai, Japan.

2017: Chair, UAB CFRB- SfRBM Regional Redox Biology Symposium, Birmingham, AL.

2018: Organizing (program) committee for Society for Redox Biology and Medicine annual meeting 2018.

2018: Co-chair for SfRBM pre-meeting workshop “Oxidative Stress and Signaling: Methods, Mechanisms and Therapeutics”

BIBLIOGRAPHY

MANUSCRIPTS (Total, 206)

Original article, 132

Review articles, 34

Method articles, 8

Conference Proceedings, 7

Editorials and Perspectives, 8

Book Chapters, 11

H-index= 56 by Scopus

H-index= 68 by Google Scholar

i10-index = 156

Citations = 11388 (Scopus); 15,667 (Google Scholar) as of May 2017.

EUROPEAN CURRICULUM VITAE FORMAT



DATI PERSONALI

Name	Rossella Melcarne
Indirizzo	VIA NICOLO' PICCOLOMINI 49, 00165 ROME (RM)
Telefono	+39 3495882062
E-mail	rossella.melcarne@yahoo.it
Nazionalità	ITALIANA
Data e luogo di nascita	20/07/1987 PADOVA

ISTRUZIONE E FORMAZIONE

Data	15.04.2024 – ad oggi
Nome e tipo di organizzazione	Dipartimento di Chirurgia Generale e Specialistica, Policlinico Umberto I di Roma -Università "Sapienza" - Roma
Istruzione e formazione fornita	Assegno di ricerca di Categoria A -tipologia 1 A- BANDO N. A.R. 6/2023 – PROT. N. 291 DEL 15/11/2023"- "Algoritmo di deep learning che combina dati clinici e molecolari per migliorare la gestione del paziente affetto da carcinoma follicolare della tiroide"

Data	1.11.2022 ad oggi
Nome e tipo di organizzazione	Dipartimento di Medicina Traslationale e di Precisione, Policlinico Umberto I di Roma -Università "Sapienza" - Roma
Istruzione e formazione fornita	Dottorato di ricerca in Tecnologie Biomediche innovative in Medicina clinica XXXVIII ciclo, 3° anno "Studio di confronto tra dissezione del compartimento centrale del collo e nessuna dissezione chirurgica in pazienti con carcinoma tiroideo iniziale e diagnostica pre- operatoria linfonodale del collo negativa"

Data	29.12.2017 al 10.07.2023
Nome e tipo di organizzazione	Dipartimento di Chirurgia Generale (Ex Dip. di Scienze Chirurgiche) Policlinico Umberto I di Roma
Istruzione e formazione fornita	Diploma di Specializzazione in Chirurgia generale (votazione 70/70 e lode) Università "La Sapienza" di Roma -Direttore Prof. A. Mingoli- <i>Tesi di laurea sperimentale, data 10.07.2023, titolo: "Comunicare l'incertezza: analisi qualitativa sulla comunicazione della probabilità nell'ambito delle patologie a citologia indeterminata della tiroide"</i> - Relatore Prof. L. Giacomelli, correlatore Prof .F. Consorti-

Data	2015
Nome e tipo di organizzazione	Abilitazione ed iscrizione all'Ordine dei Medici Chirurghi di Roma (M61510)
Data	2007-2014
Nome e tipo di organizzazione	Corso di Laurea Magistrale in Medicina e Chirurgia dell'Università "Sapienza" di Roma
Istruzione e formazione fornita	<i>Tesi di laurea sperimentale</i>, data 31.10.2014, titolo: "Stress in una popolazione di danzatori classici" -Relatore Prof. F. Tomei, correlatore Prof. M.V. Rosati- (votazione 110/110) Tesi presentata come "Oral communication" presso "The 18th WPA World Congress of Psychiatry", 27-30/09/2018, Mexico City "Stress in ballet: looking for the mind body unit for a chance to cure"
Data	2001-2006
Nome e tipo di organizzazione	Liceo Classico "Convitto Nazionale Vittorio Emanuele II" Piazza Monte Grappa, 5 Roma
Istruzione e formazione fornita	(votazione 100/100) - Premiazione come "Diplomato eccellente" dalla regione Lazio nel 2007.

PROGETTI DI RICERCA Finanziati

2023 Bandi di Ateneo "Sapienza" Progetti di Ricerca "Medi"
"Analysis of Circulating Tumor Cell phenotypes, clusters and ctDNA profile in Hormone Receptor-positive metastatic Breast Cancer patients. LUM-LIQUID1."
 Numero protocollo: RM123188D81E02BB
 Ruolo: Componente
 Fin. Richiesto 12.000€ – Fin. Concesso 10.600€

ESPERIENZE LAVORATIVE

1.11.2022 ad oggi

Dipartimento di Medicina Traslazionale e di Precisione, Policlinico Umberto I di Roma - Università di Roma "Sapienza"

Dottorato di ricerca in Tecnologie Biomediche innovative in Medicina clinica XXXVIII ciclo, 2^a anno

Tutor: Prof.ssa Laura Giacomelli

1.04.2024 ad oggi

Dipartimento di Chirurgia Generale e Specialistica, Policlinico Umberto I di Roma - Università di Roma "Sapienza"

Assegno di ricerca di Categoria A -tipologia 1 A- BANDO N. A.R. 6/2023 – PROT. N. 291 DEL 15/11/2023- "Algoritmo di deep learning che combina dati clinici e molecolari per migliorare la gestione del paziente affetto da carcinoma follicolare della tiroide"

19.04.2024

Dipartimento di Chirurgia Generale e Specialistica, Policlinico Umberto I di Roma - Università di Roma "Sapienza"

Docente Master universitario di II livello in "Endocrinochirurgia" 2023-'24

2017-2023

Dipartimento di Scienze Chirurgiche

Medico in formazione specialistica - UOC Chirurgia generale e della mammella, Breast Unit Policlinico Umberto I di Roma - Università di Roma "Sapienza" - Responsabile e

Tutor: Prof. Dr. Massimo Monti

Medico in formazione specialistica - UOSD Chirurgia del sistema endocrino

Policlinico Umberto I di Roma - Università di Roma "Sapienza"

Responsabile e Tutor: Prof. Dr. Laura Giacomelli

Centro riconosciuto a livello nazionale, accreditato con delibera del Cons. Dir. SIUEC del 22.01.2021

PUBBLICAZIONI

Consorti, F.; **Melcarne, R.**; Pisanelli, D.; Scorziello, C.; Giacomelli, L. What Is a Disease for Doctors? A Realist Thematic Qualitative Analysis of the Interpretation of Clinical Vignettes. *Healthcare (Basel)*. 2024 Jun 20;12(12):1228. doi: 10.3390/healthcare12121228. PMID: 38921342; PMCID: PMC11204354.
I.F. 2,4

Biffoni, M.; Grani, G.; **Melcarne, R.**; Geronzi, V.; Consorti, F.; Ruggieri, G.D.; Galvano, A.; Razlighi, M.H.; Iannuzzi, E.; Engel, T.D.; et al. Drawing as a Way of Knowing: How a Mapping Model Assists Preoperative Evaluation of Patients with Thyroid Carcinoma. *J. Clin. Med.* 2024, 13, 1389. <https://doi.org/10.3390/jcm13051389>
I.F. 3,9

Sartori PV, Andreani S, De Pasquale L, Pauna I, Bulfamante AM, Aiello PSL, **Melcarne R**, Giacomelli L, Boniardi M. How to Manage Advanced Differentiated Thyroid Cancer: Step-by-Step Analysis from Two Italian Tertiary Referral Centers. *J Clin Med.* 2024 Jan 25;13(3):708. doi: 10.3390/jcm13030708. PMID: 38337400; PMCID: PMC10856418.
I.F. 3,9

Ferrari, D.; Pandozzi, C.; Filice, A.; Nardi, C.; Cozzolino, A.; **Melcarne, R.**; Giacomelli, L.; Biffoni, M.; Di Gioia, C.; Merenda, E.; et al. C-Cell Hyperplasia and Cystic Papillary Thyroid Carcinoma in a Patient with Type 1B Pseudohypoparathyroidism and Hypercalcitoninaemia: Case Report and Review of the Literature. *J. Clin. Med.* 2023, 12, 7525. doi: 10.3390/jcm12247525
I.F. 3,9

Pasquali D, Giacomelli L, Pedicillo MC, Conzo G, Gentile G, De Stefano IS, Angelillis F, Santoro A, Miele F, Digitale Selvaggio L, **Melcarne R**, Pannone G. Tumor Inflammatory Microenvironment of the Thyroid Cancer: Relationship between Regulatory T-Cell Imbalance, and p-NFKB (p65) Expression-A Preliminary Study. *J Clin Med.* 2023 Oct 28;12(21):6817. doi: 10.3390/jcm12216817. PMID: 37959281; PMCID: PMC10647421.
I.F. 3,9

Gurrado A, Pasculli A, Avenia N, Bellantone R, Boniardi M, Merante Boschini I, Calò PG, Camandona M, Cavallaro G, Cianchi F, Conzo G, D'Andrea V, De Crea C, De Pasquale L, Del Rio P, Di Meo G, Dionigi G, Dobrinja C, Docimo G, Famà F, Galimberti A, Giacomelli L, Graceffa G, Iacobone M, Innaro N, Lombardi CP, Materazzi G, Medas F, Mullineris B, Oragano L, Palestini N, Perigli G, Pezzolla A, Prete FP, Raffaelli M, Renzulli G, Rosato L, Scerrino G, Sgaramella LI, Sorrenti S, Testini C, Veroux M, Gasparri G, Testini M; **pTRANI Study Group**. Parathyroid Retrospective Analysis of Neoplasms Incidence (pTRANI Study): An Italian Multicenter Study on Parathyroid Carcinoma and Atypical Parathyroid Tumour. *J Clin Med.* 2023 Sep 29;12(19):6297. doi: 10.3390/jcm12196297. PMID: 37834940; PMCID: PMC10573774.
I.F. 3,9

Scorziello C, Durante C, Biffoni M, Borcea MC, Consorti, F, Laca A, **Melcarne R**, Ventrone, L, Giacomelli . 2023. "The Size of a Thyroid Nodule with ACR TI-RADS Does Not Provide a Better Prediction of the Nature of the Nodule: A Single-Center Retrospective Real-Life Observational Study" *Healthcare* 11, no. 12: 1673. <https://doi.org/10.3390/healthcare11121673L>
I.F. 2,8

Scorziello C, Borcea MC, Biffoni M, Pernazza A, Arienzo F, **Melcarne R**, Ventrone L, Laca A, Consorti F, Grani G, Durante C, Giacomelli L, Laterocervical lymph node metastases from suspected thyroidal primary site that turned out to be metastases of lung cancer: a Case Report. *Clinical Case Reports*. 2023. Doi: 10.1002/ccr3.7417
I.F. 0,7

Consorti F, Borcea MC, Laca A, **Melcarne R**, Scorziello C, Ventrone L, Giacomelli L, 2023 Education of clinical reasoning in patients with multimorbidity: a scoping review and perspectives for technology-enhanced learning. *Frontiers in Education*, Vol.8, 2023. <https://www.frontiersin.org/articles/10.3389/educ.2023.1202360> doi: 10.3389/educ.2023.1202360
I.F. 2,3

Consorti F, Borcea MC, **Melcarne R**, Giacomelli L. Peer assisted learning: a meta-ethnographic

synthesis of qualitative studies and recommendations for cardiovascular training, practice, and research. *Minerva Cardiol Angiol.* 2023 May 9. doi: 10.23736/S2724-5683.23.06265-8. Epub ahead of print. PMID: 37158626.

I.F. 1.6

Karpathiotakis M, D'Orazi V, Ortensi A, Biancucci A, **Melcarne R**, Borcea MC, Scorziello C, Tartaglia F. Intraoperative Neuromonitoring and Optical Magnification in the Prevention of Recurrent Laryngeal Nerve Injuries during Total Thyroidectomy. *Medicina (Kaunas).* 2022 Oct 30;58(11):1560. doi: 10.3390/medicina58111560. PMID: 36363517; PMCID: PMC9692813.

I.F. 2.6

Zaami S, **Melcarne R**, Patrone R, Gullo G, Negro F, Napoletano G, Monti M, Aceti V, Panarese A, Borcea MC, Scorziello C, Ventrone L, Mamedov SN, Meggiorini ML, Vergine M, Giacomelli L. Oncofertility and Reproductive Counseling in Patients with Breast Cancer: A Retrospective Study. *J Clin Med.* 2022 Feb 27;11(5):1311. doi: 10.3390/jcm11051311. PMID: 35268402; PMCID: PMC8911138.

I.F. 4.964

Bellini MI, Biffoni M, Patrone R, Borcea MC, Costanzo ML, Garritano T, **Melcarne R**, Menditto R, Metere A, Scorziello C, Summa M, Ventrone L, D'Andrea V, Giacomelli L. Poorly Differentiated Thyroid Carcinoma: Single Centre Experience and Review of the Literature. *J Clin Med.* 2021 Nov 12;10(22):5258. doi: 10.3390/jcm10225258. PMID: 34830540; PMCID: PMC8623499.

I.F. 4.242

Grani G, Cera G, Conzo G, Del Gatto V, di Gioia CRT, Maranghi M, Lucia P, Cantisani V, Metere A, **Melcarne R**, Borcea MC, Scorziello C, Menditto R, Summa M, Biffoni M, Durante C, Giacomelli L. Preoperative Ultrasonography in the Evaluation of Suspected Familial Non-Medullary Thyroid Cancer: Are We Able to Predict Multifocality and Extrathyroidal Extension? *J Clin Med.* 2021 Nov 13;10(22):5277. doi: 10.3390/jcm10225277. PMID: 34830559; PMCID: PMC8624166.

I.F. 4.242

Amabile MI, De Luca A, Tripodi D, D'Alberti E, **Melcarne R**, Imbimbo G, Picconi O, D'Andrea V, Vergine M, Sorrenti S, Molfino A. Effects of Inositol Hexaphosphate and Myo-Inositol Administration in Breast Cancer Patients during Adjuvant Chemotherapy. *J Pers Med.* 2021 Jul 30;11(8):756. doi: 10.3390/jpm11080756. PMID: 34442400; PMCID: PMC8400775.

I.F. 4.945

Falcone R, Grani G, Ramundo V, **Melcarne R**, Giacomelli L, Filetti S, Durante C. Cancer Care During COVID-19 Era: The Quality of Life of Patients With Thyroid Malignancies. *Front Oncol.* 2020 Jun 23;10:1128. doi: 10.3389/fonc.2020.01128. PMID: 32714873; PMCID: PMC7344223.

I.F. 6.244

Tomei G, Casale T, Rosati MV, **Melcarne R**, Sinibaldi F, Capozzella A, Di Giorgio V, Giubilati R, Sacco C, Tomei F, Sancini A. Ballet and stress. A pilot study. *Ann Ig.* 2015 Jan-Feb;27(1):16-29. doi: 10.7416/ai.2015.2019. PMID: 25748502.

La Torre G, De Giusti M, Semyonov L, Unim B, Giraldi G, **Melcarne R**, Mannocci A, Saulle R, Colamesta V, Ursillo P, Villari P, Cecchi R, Miele L, Biolato M. (2013) Boceprevir Health Technology Assessment Report. *Quaderni IJPH 2013 - Vol: 2 - Num. 5*

Capozzella A, Rosati MV, **Melcarne R**, Sacco C, Sinibaldi F, Casale T, Loreti B, Tomei F, Tomei G (2015); Stress in workers in the world of performing arts. *Minerva Psichiatrica* 2015 Marzo;56(1):13-31

**CONFERENZE: RELATORE,
PRESENTAZIONI ORALI,
POSTER, E-POSTER**

Melcarne R., Biffoni M., Iannuzzi E., De Ruggieri G., Hosseinpour Razlighi M., Galvano A., Ventrone L., Engel T.D., Consorti F., Lotito S., Durante C., Giacomelli L., Grani G
IDENTIFYING KEY PREDICTORS OF PERMANENT HYPOPARATHYROIDISM AFTER THYROID SURGERY—A COMPREHENSIVE REAL-LIFE RETROSPECTIVE ANALYSIS; VI Congresso Nazionale SIUEC –
Palermo – Astoria Palace Hotel 14-16 Novembre 2024. Presidenti G. Scerrivo, G. Graceffa. -Comunicazione orale

Melcarne R., Giorgi M., Iannuzzi E., De Ruggieri G., Hosseinpour Razlighi M., Galvano A., Ventrone L., Engel T.D., Consorti F., Lotito S., Durante C., Giacomelli L., Grani G, Biffoni M
USE OF RADIOFREQUENCY DISSECTOR IN THYROID SURGERY: A RETROSPECTIVE OBSERVATIONAL COMPARISON WITH TRADITIONAL TECHNIQUE; VI Congresso Nazionale SIUEC –
Palermo – Astoria Palace Hotel 14-16 Novembre 2024. Presidenti G. Scerrivo, G. Graceffa. -Comunicazione orale

Sartori P.V., Andreani S., De Pasquale L., **Melcarne R.**, Pauna I., Prioli F., Giacomelli L., Boniardi M., Raffaelli M., Iacobone M.
MANAGEMENT OF THYROID METASTASES: EXPERIENCE OF FIVE REFERRAL CENTRES; VI Congresso Nazionale SIUEC –
Palermo – Astoria Palace Hotel 14-16 Novembre 2024. Presidenti G. Scerrivo, G. Graceffa. -Comunicazione orale

Relatore V CONFERENZA NAZIONALE DONNE ANAAO “Dalle Regioni alla ragione. Le ragioni delle donne che curano contro la sanità disuguale”. 8 Novembre 2024: Palazzo Medici Riccardi Sala Luca Giordano, ingresso Via Cavour, 9 Firenze, 9 Novembre 2024: AC Hotel, Via Lorenzo Bausi, 5 Firenze -

Relatore XLIV CONGRESSO NAZIONALE - SICO 6th Conference of Surgical Oncology Messina (Palazzo dei Congressi A.O.U. G. Martino) 26 -28 Settembre 2024

Melcarne, R.; Biffoni, M.; Grani, G.; De Ruggieri, G.; Galvano, A.; Iannuzzi, E.; Consorti, F.; Durante, C.; Giacomelli, L. THE DOCTOR, THE PATIENT AND THE UNCERTAINTY. DEVELOPMENT OF A STANDARDIZED RELATIONAL CARE METHOD TO IMPROVE RISK COMMUNICATION TO PATIENTS WITH INDETERMINATE THYROID NODULES- E-Poster ESES 2024: 10th Biennial Congress of the European Society of Endocrine Surgeons (Roma - Auditorium Università Cattolica del Sacro Cuore

Melcarne, R.; Biffoni, M.; Grani, G.; De Ruggieri, G.; Galvano, A.; Iannuzzi, E.; Consorti, F.; Durante, C.; Giacomelli, L. EXPLORING PSYCHOPHYSICAL AND SOCIAL EFFECTS OF THYROID SURGERY: COULD PATIENT'S EMOTIONAL EXPERIENCE HELP US CHOOSING THE SURGICAL APPROACH? E-Poster ESES 2024: 10th Biennial Congress of the European Society of Endocrine Surgeons (Roma - Auditorium Università Cattolica del Sacro Cuore

Melcarne, R.; Biffoni, M.; Grani, G.; De Ruggieri, G.; Galvano, A.; Iannuzzi, E.; Consorti, F.; Durante, C.; Giacomelli, L. PREOPERATIVE MAPPING IN THYROID CANCER: A STANDARDIZED METHOD FOR IMPROVING SURGICAL PLANNING PERFORMANCE OF LYMPH-NODE DISSECTION E-Poster ESES 2024: 10th Biennial Congress of the European Society of Endocrine Surgeons (Roma - Auditorium Università Cattolica del Sacro Cuore

Sartori P.V., Andreani S., De Pasquale L., **Melcarne R.**, Pauna I., Prioli F., Giacomelli L., Boniardi M., Raffaelli M., Iacobone M.
MANAGEMENT OF THYROID METASTASES: EXPERIENCE OF FIVE REFERRAL CENTRES
E-Poster ESES 2024: 10th Biennial Congress of the European Society of Endocrine Surgeons (Roma - Auditorium Università Cattolica del Sacro Cuore

Melcarne R., Consorti F., Mohammad Hosseinpour Razlighi M., Galvano A., De Ruggieri G., Scorziello C, Borcea M.C., Ventrone L., Biffoni M., Giacomelli L. DECISION-MAKING UNDER UNCERTAINTY: RISK COMMUNICATION TO PATIENTS WITH CYTOLOGICALLY INDETERMINATE THYROID NODULES. V Congresso Nazionale SIUEC – Cagliari THotel 9-11 Novembre 2023. Presidenti P.G. Calò, M. Dessena. -Comunicazione orale; presenting author-

Melcarne R., Durante C., Grani G., Consorti F., Pecce V., Conzo G., Pezzullo L., Biffoni M., Giacomelli L.
RANDOMIZED-COMPARISON STUDY ON DISSECTION OF THE CENTRAL COMPARTMENT OF THE NECK AND NO SURGICAL DISSECTION IN PATIENTS WITH INITIAL THYROID CANCER, NEGATIVE PRE-OPERATIVE NECK LYMPH-NODE DIAGNOSIS AND INTERMEDIATE-HIGH MOLECULAR RISK. V Congresso Nazionale

SIUEC – Cagliari THotel 9-11 Novembre 2023. Presidenti P.G. Calò, M. Dessena. -Comunicazione orale; presenting author-

Iannuzzi E., Garritano T., Galvano A., De Ruggieri G., Lotito S., Mohammad Hosseinpour Razlighi M., **Melcarne R.**, Giacomelli L., Biffoni M. PAPILLARY MICROCARCINOMAS OF THE THYROID GLAND: CLINICAL FRAMING, CHOICE OF TREATMENT AND NEW SCENARIOS. V Congresso Nazionale SIUEC – Cagliari THotel 9-11 Novembre 2023. Presidenti P.G. Calò, M. Dessena. -Comunicazione orale-

Melcarne R., Durante C, Grani G, Consorti F, Conzo G, Pezzullo L, Pecce V, Biffoni M, Giacomelli L. Carcinoma tiroideo clinicamente iniziale: studio randomizzato sulla dissezione del compartimento centrale con linfonodi del collo clinicamente negativi e rischio molecolare intermedio-alto. "I edizione Scienze in rete: Le eccellenze in rosa. Il ruolo delle donne nelle scienze e nella medicina." Bando Eccellenza del futuro: tra salute, nuovi modelli e nuove tecnologie", presentazione progetto- 22 Maggio 2023; Istituto G.Eastman, Università di Roma "La Sapienza". -Conferenza; presentazione progetto-

L. Ventrone, C. Scorziello, **R. Melcarne**, M.C. Borcea, G. Grani, M. Biffoni, C. Durante, L. Giacomelli Role of preoperative ultrasound mapping in surgical planning of suspicious thyroid lesions; preliminar study, ESES, 9Th Biennal Congress of The European Society of Endocrine Surgeons, 26-28 may, 2022, Athens, Greece, -poster-

R. Melcarne, F. Frusone, A. De Luca, M.I. Amabile, M.C. Borcea, D. Tripodi, V. Aceti, M. Vergine, M. Monti, "Disturbo depressivo maggiore e carcinoma mammario: esperienza in un singolo centro", AIS 2019, Firenze 6-8 novembre 2019, -poster; premio miglior abstract-

D. Tripodi, F. Frusone, **R. Melcarne**, B. Leonardi. M.C. Borcea, V. Aceti, M.I. Amabile, M. Vergine, M. Monti, A. De Luca, metodi e materiale per la prevenzione del sieroma dopo dissezione ascellare in pazienti affette da carcinoma mammario, AIS 2019, Firenze 6-8 novembre 2019 -Poster-

R.Melcarne, M.Monti "Breast cancer's surgery after NACT" Roman Surgery Society; "Surgery Science" Department "Paride Stefanini" Policlinico Umberto I, Roma "Day of the residents" Sept. 2019 - Comunicazione orale; presenting author-

L.Giorgini, **R.Melcarne**, "A contribute to the psychotherapeutic treatment of eating disorders according to the human birth theory by Fagioli." The 18th WPA World Congress of Psychiatry, 27-30/09/2018, Mexico City -poster communication-

R. Melcarne, I.Giorgini, E. Ghebart, "Stress in ballet: looking for the mind body unit for a chance to cure" The 18th WPA World Congress of Psychiatry, 27-30/09/2018, Mexico City -Comunicazione orale; presenting author--

L.Giorgini, **R. Melcarne** "Capability to imagine and the roots of art"; The 18th WPA World Congress of Psychiatry, 27- 30/09/2018, Mexico City -short oral communication-

L.Giorgini, **R. Melcarne**, "The beginning of human thought is at birth. the human birth theory by M. Fagioli" The 18th WPA World Congress of Psychiatry, 27-30/09/2018, Mexico City -Comunicazione orale-

L. Giorgini, E. Ghebart, **R. Melcarne**, "You don't exist." The invisible violence of annulment drive as cause of non-understandable deaths", The 18th WPA World Congress of Psychiatry, 27-30/09/2018, Mexico City - Comunicazione orale-

R. Melcarne, F. Frusone, M. Monti, M. Vergine "TNBC: the management of a "particular mammary tumor" Roman Surgery Society; "Surgery Science" Department "Paride Stefanini" Policlinico Umberto I, Roma "Day of the residents" Sept.2018 -Comunicazione orale; presenting author-

*La Torre, G; Miele, L; Mannocci, A; Saulle, R; Giraldi, G; Unim, B A; Ursillo, P; Semyonov, L; Colamesta, V; **Melcarne, R.**; Biolato, M.; Cecchi, R; Villari, P; De Giusti, M. Organizational and Economic Issues Related to the Introduction of Boceprevir in the Treatment of Patients with Genotype 1 Chronic Hepatitis C in Italy - In: VALUE IN HEALTH. - ISSN 1524-4733. - STAMPA. - 16:7(2013), pp. 494-495. (Intervento presentato al convegno ISPOR 16th Annual European Congress and 4th Latin America Conference Research Abstracts tenutosi a Dublin; Ireland) [10.1016/S1098-3015(13)04244-7].*

PREMI PROFESSIONALI E ALTRI RICONOSCIMENTI

17 giugno 2022

Selezionata per il Progetto MentorWIS, associazione WIS Italia - Women in Surgery – in collaborazione con Associazione Alumni dell'Università degli Studi di Padova, WIS Italia e lo Staff del Career service UniPD, per il Progetto Mentor&ME, primo progetto pilota in Italia per accompagnare studentesse e specializzande alla professione di chirurgo.

7 novembre 2019

AIS 2019, Attualità in Senologia, Firenze November 6-8, 2019

Vincitrice Premio "Best Abstracts"; Ceremony in the session "Mastectomies and reconstruction: emerging problems" (07/11/2019)

Abstract "Major depressive disorder and breast cancer: experience in a single center"

SOCIETÀ SCIENTIFICHE

Membro Board WIS Italia (Women in Surgery Italia) – Referente

Social Network 2024-2026

Membro Board Young SICO (Società Italiana di Chirurgia

Oncologica) **2023-2026**

Membro ESES Literature Collector Team (European Society of Endocrine Surgeons) **2024-2026**

Socio di Società Italiana Unitaria di Endocrinochirurgia, "SIUEC", Società Italia di Chirurgia "SIC", Società Italiana di Pedagogia Medica "SIPeM", Associazione Chirurghi Ospedalieri Italiani "ACOI", European Society of Endocrine Surgeon "ESES"

ATTIVITÀ DI REVISORE

Rivista "Endocrine"

Rivista "Updates in Surgery"

Rivista "IJMS - International Journal of Molecular Sciences"

Rivista "Life"

Rivista "Cancer"

Rivista "Onco"

Rivista "JCM – Journal of Clinical Medicine"

Rivista "Diagnostics"

Rivista "Healthcare"

Rivista "Current Oncology"

Rivista "Current Problems in Surgery"

Rivista "Quantitative Imaging in Medicine and Surgery"

**ATTIVITA' DIDATTICA
UNIVERSITARIA**

Albo dei tutor clinici del Corso di Laurea in Medicine and Surgery F – Università di Roma “Sapienza”.

Commissione di Gestione dell'Assicurazione Qualità [CGAQ-PhD] – Dottorato “Tecnologie Biomediche Innovative in Medicina Clinica – Coordinatore Prof. M. Arca – Università “Sapienza” di Roma

Attività tutoriale/skill-lab di chirurgia senologica per gruppi di studenti del 5° anno di corso per l'insegnamento di “**Medicina Interna e Chirurgia Generale 1**” del Corso di Laurea Magistrale in Medicina e Chirurgia, canale C.

Attività tutoriale/skill-lab di chirurgia endocrina e senologica per gruppi di studenti del 2° anno e 3° anno di corso per l'insegnamento di “**Pre-Clinical Scientific Methods**” e “**Clinical Scientific Methods**” del Corso di Laurea Magistrale in Medicine and Surgery F.

Correlatore/Relatore esterno delle seguenti Tesi di Laurea in Medicina e Chirurgia Università di Roma “Sapienza”:

- PREVENZIONE DEL CANCRO DELLA MAMMELLA E IL RUOLO DEL DISTURBO DEPRESSIVO MAGGIORE. Candidato: Angelo Aita 1584483 Relatore: Prof. Laura Giacomelli – Correlatore: Dott.ssa Rossella Melcarne a.a. 2020-2021
- RUOLO DEL MAPPING ECOGRAFICO PREOPERATORIO NELLA PIANIFICAZIONE CHIRURGICA DELLE LESIONI TIROIDEE SOSPETTE. Candidato: Luca Ventrone 1639886 - Relatore: Prof.ssa Laura Giacomelli – Correlatore: Prof. Cosimo Durante – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2021-2022
- UTILITÀ DELL'ECOGRAFIA PRE-OPERATORIA IN PAZIENTI CANDIDATI ALLA TIROIDECTOMIA NELL'IDENTIFICAZIONE DI LESIONI NEOPLASTICHE DEL COLLO. Candidato: Angelo Laca 1690666– Relatore: Prof.ssa Laura Giacomelli – Correlatore: Dott. Giorgio Grani - Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2021-2022
- PREDIZIONE DEL RISCHIO DI INSORGENZA DI DISTURBI DEL COMPORTAMENTO ALIMENTARE E BINGE EATING DISORDER IN UNA SERIE CHIRURGICA DI PAZIENTI SOTTOPOSTI AD INTERVENTO DI SLEEVE GASTRECTOMY Candidato: Giulia Guido 1584492 – Relatore: Prof.ssa Laura Giacomelli – Correlatore: Prof. Giovanni Casella – Relatore aggiunto: Dott.ssa Ines Taddei – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2021-2022

- MANAGEMENT CHIRURGICO E PREDIZIONE DEL RISCHIO DI CARCINOMA DELLE LESIONI AD INCERTO POTENZIALE DELLA MAMMELLA (B3) Candidato: Matilde Marinelli 1792239 – Relatore: Prof.ssa Laura Giacomelli – Correlatore: Prof.ssa Maria Ida Amabile – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- COMUNICARE L'INCERTEZZA: ANALISI QUALITATIVA SULLA COMUNICAZIONE DELLA PROBABILITÀ NELL'AMBITO DELLE PATOLOGIE A CITOLOGIA INDETERMINATA DELLA TIROIDE Candidato: Eleonora Giaquinto 1792186- Relatore Prof. L. Giacomelli, Correlatore Prof .F. Consorti- Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- IL CARCINOMA TIROIDEO NEI GOZZI RETROSTERNALI: PREVALENZA E PREDIZIONE DI RISCHIO Candidato: Claudia Lauricella 1747604 – Relatore: Prof.ssa Laura Giacomelli – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- ANALISI QUALITATIVA E QUANTITATIVA DELLA QUALITÀ DI VITA (QoL) IN PAZIENTI SOTTOPOSTI AD INTERVENTO CHIRURGICO DI TIROIDECTOMIA TOTALE VS LOBECTOMIA PER PATOLOGIA TIROIDEA NEOPLASTICA MALIGNA CITOLOGICAMENTE CONFERMATA E/O FORTEMENTE SOSPETTATA Candidato: Lucia Landi 1798154 -Relatore: Prof.ssa Laura Giacomelli – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- MAPPING PREOPERATORIO: UN METODO STANDARDIZZATO PER LA PIANIFICAZIONE CHIRURGICA DELLE NEOPLASIE TIROIDEE Candidato: Valerio Geronzi 1785528 – Relatore: Prof.ssa Laura Giacomelli – Correlatore: Dott. Giorgio Grani – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- UN PERCORSO DI CURA BASATO SULLA RELAZIONE: ANALISI DEL RUOLO DELL'INFERMIERE DI SENOLOGIA NEL COUNSELING PSICOLOGICO DELLA PAZIENTE CON TUMORE DELLA MAMMELLA – Candidato: Salvatore Genovese 1906500 – Relatore: Prof. Massimo Vergine – Correlatore: Dott.ssa Rossella Melcarne – Corso di Laurea in Infermieristica “J” a.a. 2022-2023

- IPERPARATIROIDISMO PRIMARIO: TECNICHE DIAGNOSTICHE INTRAOPERATORIE PER LA RIDUZIONE DEL RISCHIO DI RECIDIVA - Candidato: Sara Condemi 1750265 -Relatore: Prof. Marco Biffoni – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2022-2023

- UTILIZZO DEL DISSETTORE A RADIOFREQUENZA IN CHIRURGIA DELLA TIROIDE: CONFRONTO CON TECNICA TRADIZIONALE - Candidato: Matteo Giorgi 1584446 – Relatore: Prof. Marco Biffoni– Correlatore: Dott.ssa Rossella Melcarne –a.a. 2023-2024

- IDENTIFICAZIONE DEI PRINCIPALI PREDITTORI DI IPOPARATIROIDISMO PERMANENTE DOPO INTERVENTO CHIRURGICO DELLA TIROIDE: UN'ANALISI RETROSPETTIVA COMPLETA “REAL-LIFE” Candidato: Elisabetta Dramis 1806593 – Relatore: Prof.ssa Laura Giacomelli – Correlatore: Dott. Giorgio Grani – Relatore esterno: Dott.ssa Rossella Melcarne a.a. 2023-2024

CORSI CERTIFICATI

CORSO della SCUOLA ISHAWS – 2020-2021 - XI Corso: Scuola Nazionale di Chirurgia dell'ernia e della Parete Addominale

- **1° Modulo I:** Ernia Del Distretto Inguino-Femorale -13.10.2020-
- **2° Modulo:** Chirurgia Parete Addominale Base 16.11.2020-
La Component Separation nella ricostruzione della Parete Addominale 05.11.2020-
Il paziente con addome complesso in Chirurgia d'Urgenza 22.03.2022-

MASTER BIENNALE in MEDICINA ESTETICA e del BENESSERE – Corso di ALTA FORMAZIONE-Scuola IAF – Istituto Alta Formazione, via G. Baglivi, 6, Roma

14.01.2020- 18.11.2020 : I anno

Sospensione II anno

CORSO DI “GENERAL ENGLISH ED INGLESE MEDICO SCIENTIFICO”, 2021-'22, Commissione Nazionale per la Formazione Continua ha accreditato il Provider A.C.M.E., accreditamento n. 312. N. 44 ECM.

Corsi Fondazione GIMBE Education:

- “Il protocollo di ricerca clinica: dal quesito alla stesura”
- “Introduzione agli studi osservazionali”
- “Come scrivere un articolo scientifico”

ANAPLASTIC THYROID CANCER, 08.06.2022, Endocrine Society

HORMONES and BREAST HEALTH, 08.06.2022, Endocrine Society

ATELIER DI CHIRURGIA SENOLOGICA– Accademia di Senologia “Umberto Veronesi” – Inveruno. 17-18 maggio 2023 Inveruno (Mi), Italia.

CORSO di ALTA FORMAZIONE in CHIRURGIA ENDOCRINA – ACOI Ed. 2023

PERCORSO di Pedagogia Medica “LINEA VERDE 3” -SIPeM- società Italiana di Pedagogia Medica- Ed. 2023

Corso di Alta Formazione in Epidemiologia e Biostatistica: principi ed applicazioni in ricerca biomedica – Università “Sapienza” di Roma – Direttore Prof. Villari- Edizione 2024

MADRELINGUA

ITALIANA

ALTRE LINGUE

	INGLESE
• Lettura	PROFESSIONALE
• Scrittura	PROFESSIONALE
• Ascolto/parlato	FLUENTE

CAPACITA' ED INTERESSI

- ottimo uso del pacchetto Office, Adobe, Programma di calcolo statistico STATA18.
- arte, scrittura/lettura, viaggiare, danza classica, musica classica

Roma, 06.01.2025



INFORMAZIONI PERSONALI

Sandra Morano

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 sandra.morano@unige.it

**ESPERIENZA
PROFESSIONALE**

01/04/2019–alla data attuale

Ricercatrice a contratto

Università degli Studi di Genova, Genova (Italia)

Partecipazione a progetti europei in campo medico

01/03/2019–alla data attuale

Docente a contratto

Università degli Studi di Genova, Genova (Italia)

Titolare di insegnamento in Ostetricia presso la Scuola di Specializzazione di Ginecologia e Ostetricia

31/12/1999–01/11/2015

Medico specialista

Università degli Studi di Genova, Genova (Italia)

Medico specialista in Ostetricia e Ginecologia e responsabile U.O.S. "Centro Nascita Alternativo"
Ospedale Policlinico S. Martino IRCSS di Genova

01/02/1990–31/10/2015

Ricercatrice universitaria

Università degli Studi di Genova, Genova (Italia)

Ricercatrice in Ostetricia e Ginecologia presso Dipartimento di Neurologia, Oculistica, Genetica e Scienze Materno Infantili

01/07/1982–31/01/1990

Medico specialista

Azienda Sanitaria Locale 12, Genova (Italia)

Medico specialista ambulatoriale per attività epidemiologiche

20/01/1979–30/06/1982

Medico specializzando

Comune di Genova, Genova (Italia)

Medico specializzando in Patologie della Riproduzione Umana

ISTRUZIONE E FORMAZIONE

10/01/1989–22/07/1992

Specializzazione in Ostetricia e Ginecologia

Università degli Studi di Genova, Genova (Italia)

Competenze specialistiche cliniche e chirurgiche nell'ambito della fisiologia e patologia ostetrica e ginecologica

08/11/1981–20/06/1983

Specializzazione in Sessuologia Medica

Università degli Studi di Firenze, Firenze (Italia)

Acquisizione di competenze relative alla diagnosi e terapia delle più comuni patologie sessuali

03/10/1979–28/06/1981

Specializzazione della Fisiopatologia della Riproduzione Umana

Università degli Studi di Genova, Genova (Italia)

Acquisizione di competenze cognitive in tema di fisiologia della riproduzione umana e di diagnostica e terapia delle principali patologie relative all'apparato riproduttivo femminile e maschile, nonché inquadramento psicosomatico delle stesse

COMPETENZE PERSONALI

Lingua madre Italiano

Lingue straniere

COMPRESIONE		PARLATO		PRODUZIONE SCRITTA
Ascolto	Lettura	Interazione	Produzione orale	
B1	B1	B1	B1	B1

Livelli: A1 e A2: Utente base - B1 e B2: Utente autonomo - C1 e C2: Utente avanzato
 Quadro Comune Europeo di Riferimento delle Lingue

Competenze comunicative Ottime competenze comunicative acquisite attraverso interventi come relatrice in eventi e congressi

Competenze organizzative e gestionali Ottime competenze organizzative acquisite attraverso la gestione di un team di 10 persone per 15 anni

Competenze professionali Ottime competenze specifiche innovative nell'ambito della formazione, di lavoro di gruppo in tema di continuità delle cure

ULTERIORI INFORMAZIONI

Appartenenza a gruppi / associazioni
 Membro dello Steering Group della associazione IBRAA (international Birth Association and Action)
 Membro dell'Area Formazione FNOMCeO
 Membro onorario dell'Istituto Nazionale di Bioetica
 Membro del MUNET (Midwife Unit European Network)

Progetti
 Partecipazione al Progetto Europeo H2020 Otpibirth come PI per l'Italia
 Membro dello Steering Group che ha redatto le Linee Guida Europee per i Birth Centres
 Responsabile scientifico del Corso "Per una Medicina al Femminile" a cura dell'Osservatorio FNOMCeO della condizione femminile
 Responsabile scientifico del corso FAD "Nascere in sicurezza" della FNOMCeO
 Responsabile scientifico dell'Area Formazione Femminile del sindacato medico ANAAO ASSOMED

Pubblicazioni
 - "Chi ha paura della maternità, Aracne editrice, Roma, 2013
 - Women and creativity: a Psychoanalytic Glimpse through Art, Literature and Social Structure, ed. by Laure Tognoli Pasquali, Karnac books Ltd, 2014 (un capitolo)
 - The roar behind the silence Pinter : why Kindness, Compassion and Respect matter in maternity care, ed. by Sheena Byron and Soo Downe, Pinter & Martin, Londra, 2015 (un capitolo)
 - Good practice and malpractice in labor and delivery, Di Renzo- Berghella-malvasi Edra- Masson, 2019, ISBN: 9788821447791(un capitolo)
 - Squaring the circle : normal birth research, theory and practice in a technological age, edited by Soo Downe and Sheena Byron ISBN: 9871780664408, Pinter&Martin, Ltd, 2019 (due capitoli)
Preference of birth mode and postnatal health related quality of life after one previous caesarean section in three European countries.
 Fobelets M, Beeckman K, Buyl R, Healy P, Grylka-Baesclin S, Nicoletti J, Canepa M, Devane D, Gross MM, Morano S, Daly D, Begley C, Putman K.

Midwifery. 2019 Sep 19;79:102536. doi: 10.1016/j.midw.2019.102536. [Epub ahead of print]
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Cultural perspectives on vaginal birth after previous caesarean section in countries with high and low rates - A hermeneutic study.

Lundgren I, Morano S, Nilsson C, Sinclair M, Begley C.

Women Birth. 2019 Aug 21. pii: S1871-5192(19)30222-7. doi: 10.1016/j.wombi.2019.07.300 [Epub ahead of print]

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Grylka-Baeschi S, Clarke M, Begley C, Daly D, Healy P, Nicoletti J, Devane D, Morano S, Krause G, Karch A, Savage G, Gross MM.

Midwifery. 2019 Jul;74:36-43. doi: 10.1016/j.midw.2019.03.013. Epub 2019 Mar 19.

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Optimal settings for childbirth.

Setola N, Iannuzzi L, Santini M, Cocina GG, Naldi E, Branchini L, Morano S, Escuriet Peiró R, Downe S.

Minerva Ginecol. 2018 Dec;70(6):687-699. doi: 10.23736/S0026-4784.18.04327-7. Epub 2018 Oct 5. Review.

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Optimal outcomes and women's positive pregnancy experience: a comparison between the World Health Organization guideline and recommendations in European national antenatal care guidelines.

Iannuzzi L, Branchini L, Clausen JA, Ruiz-Berdún D, Gillen P, Healy M, Beeckman K, Seijmonsbergen-Schemers A, Escuriet Peiró R, Morano S, Di Tommaso M, Downe S.

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Humanities in the undergraduate medical and midwifery curriculum: a descriptive Italian comparative study.

Morano S, Lotti A, Canepa MM, Sterrantino G, Beleva D, Iannuzzi L, Downe S.

Minerva Ginecol. 2018 Dec;70(6):700-709. doi: 10.23736/S0026-4784.18.04297-1. Epub 2018 Oct 2. PMID:30291699

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Skoko E, Ravaldi C, Vannacci A, Nespoli A, Akooji N, Balaam MC, Battisti A, Cerizzo M, Iannuzzi L, Morano S, Downe S.

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Women Birth. 2017 Dec;30(6):481-490. doi: 10.1016/j.wombi.2017.04.009. Epub 2017 May 22.

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Trials. 2015 Nov 30;16:542. doi: 10.1186/s13063-015-1061-y.

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Arch Gynecol Obstet. 2007 May;275(5):373-9. Epub 2006 Oct 18.

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