

EDUCATION

University of Rome La Sapienza Rome, Italy
M.D. 2003

Harvard Medical School Boston, MA
Postdoctoral Fellow 2004-2012

WORK AND RESEARCH EXPERIENCE

Dana Farber Cancer Institute, Harvard Medical School Boston, MA
Postdoctoral Fellow; Advisor: Matthew L. Freedman 2009-2012

Brigham and Women's Hospital, Harvard Medical School Boston, MA
Postdoctoral Fellow; Advisor: Sabina Signoretti 2004-2009

TEACHING EXPERIENCE

Dana Farber Cancer Institute, Harvard Medical School Boston, MA
Trained and mentored students and research assistants in the laboratory 2010-2012

Brigham and Women's Hospital, Harvard Medical School Boston, MA
Trained and mentored research assistants in the laboratory 2006-2009

Harvard Medical School Boston, MA

Undergraduate Mentoring for science program

Fall 2008, Spring 2009

Harvard Medical School

Boston, MA

Continuing Umbrella of Research Experiences (CURE) Mentor

Summer 2008

Guided high school student through the comprehension of scientific method by means of molecular biology experiments, discussions and readings on a case by case basis.

University of Rome La Sapienza

Rome, Italy

Teaching Assistant, Pathology

Fall 2003 - Spring 2004

Assisted in preparing class lectures

PROFESSIONAL AND PERSONAL SKILLS

- **Knowledge-based:** Molecular pathology; Genetics; Immunology and Oncology; Clinical and experimental laboratory techniques; Translations: English to Italian and Italian to English; Software: Proficient in MS Office - Excel - Powerpoint, internet research, EndNote, Genome Browser. Experience with Photoshop, primer3, imagej.
- **Functional:** Teaching skills; Writing and Communication; Oral presentations; Project management; Attention to detail; Interpersonal skills; Team player; Independent.

GRANTS AND AWARDS

Harvard Stem Cell Institute Seed Grant

2009

Harvard Medical School

Research Excellence Award, Biomedical Research Institute

2009

Brigham and Women's Hospital, Harvard Medical School

Best Poster Award, Department of Pathology Research Celebration

2009

Brigham and Women's Hospital, Harvard Medical School

Ruth and William Silen, M.D., Poster Award

2008

New England Science Symposium, Harvard Medical School

Research Fellowship Grant Renewal

2008

American Italian Cancer Foundation, New York

Best Poster Award, Department of Pathology Research Celebration Brigham and Women's Hospital, Harvard Medical School	2007
Research Fellowship Grant Award American Italian Cancer Foundation, New York	2006
Research Fellowship Award University of Rome La Sapienza (Italy)	2005
M.D., <i>summa cum laude</i> University of Rome La Sapienza (Italy)	2003

EDITORIAL ACTIVITY

Reviewer for Clinical Cancer Research	2009-2012
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CONFERENCES PRESENTATIONS

Grisanzio C, Browne D, Chang M, Collins M, Signoretti S. Identification of stem cells in the prostate epithelium. Biomedical Research Institute, Brigham and Women's Hospital, May 18, 2009.

Grisanzio C, Browne D, Chang M, Collins M, Signoretti S. Identification of stem cells in the prostate epithelium. Brigham and Women's Hospital, Department of Pathology Research Celebration, May 15, 2009.

Grisanzio C, Seeley A, Amato A, Di Napoli A and Signoretti S. Development of Mouse Orthotopic Xenografts of Human Renal Cell Carcinoma. Brigham and Women's Hospital, Department of Pathology Research Celebration, May 2nd 2008.

Grisanzio C, Seeley A, Amato A, Di Napoli A and Signoretti S. Development of Mouse Orthotopic Xenografts of Human Renal Cell Carcinoma. AACR Meeting, April 14th 2008.

Grisanzio C, Seeley A, Amato A, Di Napoli A and Signoretti S. Development of Mouse Orthotopic Xenografts of Human Renal Cell Carcinoma. New England Science Symposium, April 6th 2008.

Di Napoli A, **Grisanzio C**, Ghebremichael M, Seeley A, Amato AM, Atkins M, Signoretti S. CAIX Expression Correlates with VHL Mutational Status in Sporadic Clear Cell Carcinoma of the Kidney. USCAP Annual Meeting 2008.

Grisanzio C, Sabbisetti V, Browne D, Signoretti S. p63 in the development and maintenance of the prostate epithelium. IMPaCT Meeting, September 5-8, 2007.

Grisanzio C, Sabbisetti V, Browne D, Signoretti S. p63 in the development and maintenance of the prostate epithelium. Brigham and Women's Hospital, Department of Pathology Research Celebration, May 18, 2007.

Beroukhim R, Pires MM, Mertz K, **Grisanzio C**, Linhart D, Moch H, Meyerson M, Rubin M, Sellers WR, Signoretti S. Molecular analysis of renal cell carcinoma using single nucleotide polymorphisms (SNP) arrays. DF/HCC Renal Cancer SPORE/Program Retreat, Dedham, MA, October 14, 2005.

Sebastiani V, **Grisanzio C**, Piccini V, Monaco S, Brenna A, Romagnoli F, Visca P, Alò PL. Immunohistochemical Expression of Human Erythrocyte Glucose Transporter (GLUT1) and Fatty Acid Synthase in Endometrial Carcinomas. *Pathologica* 2002; 94(2): 102.

Sebastiani V, **Grisanzio C**, Pallicca S, Caffo A, Moauro M, Ricci F, Botti C, Alò PL. Immunohistochemical Expression of Fatty Acid Synthase in Cytotrophoblast and Decidual Cells *Pathologica* 2002; 94(2): 101.

INVITED TALKS

Center for Functional Cancer Epigenetics Meeting	2011
Dana Farber Cancer Institute, Harvard Medical School	Boston, MA
Broad Institute Cancer Meeting	2011
Massachusetts Institute of Technology	Cambridge, MA
Kidney Cancer Program	2008
Beth Israel Deaconess Medical Center	Boston, MA

Prostate Cancer Research Forum	2008
	Toronto, Canada
Department of Defence	2007
IMPACT Meeting	Atlanta, GA
Kidney Cancer Program	2007
Beth Israel Deaconess Medical Center	Boston, MA
Department of Pathology Research in Progress Seminars	2006
Brigham and Women's Hospital, Harvard Medical School	Boston, MA

REVIEW ARTICLES

Grisanzio C, Freedman ML. Chromosome 8q24-Associated cancers and MYC. *Genes Cancer*. 2010 Jun; 1(6):555-9.

Grisanzio C, Signoretti S. p63 in prostate biology and pathology. *J Cell Biochem*. 2008 Apr 1; 103(5): 1354-68.

PEER-REVIEWED PUBLICATIONS

Pignon JC, **Grisanzio C**, Carvo I, Werner L, Regan M, Wilson EL, Signoretti S. Cell kinetic studies fail to identify sequentially proliferating progenitors as the major source of epithelial renewal in the adult murine prostate. *PLoS One*, 2015 May 29;10(5):e0128489.

Pignon JC, **Grisanzio C**, Geng Y, Song J, Shivdasani RA, Signoretti S. p63-expressing cells are the stem cells of developing prostate, bladder, and colorectal epithelia. *PNAS*, 2013 May 14;110(20):8105-10.

Grisanzio C, Werner L, Takeda D, Awoyemi BC, Pomerantz MM, Yamada H, Sooriakumaran P, Robinson B, Leung R, Schinzel AC, Mills I, Ross-Adams H, Neal DE, Kido M, Yamamoto T, Petrozziello G, Stack E, Lis R, Kantoff PW, Loda M, Sartor OA, Egawa S, Tewari AK, Hahn WC, Freedman ML. Genetic and Functional Analyses Implicate *NUDT11*, *HNF1B*, and *SLC22A3* in prostate cancer pathogenesis. *PNAS*, 2012 Jul 10;109(28):11252-7.

Lin W, Cao J, Liu J, Beshiri ML, Fujiwara Y, Francis J, Cherniack AD, Geisen C, Blair LP, Zou MR, Shen X, Kawamori D, Liu Z, **Grisanzio C**, Watanabe H, Minamishima YA, Zhang Q, Kulkarni RN, Signoretti S, Rodig SJ, Bronson RT, Orkin SH, Tuck DP, Benevolenskaya EV, Meyerson M, Kaelin WG Jr, Yan Q. Loss of the retinoblastoma binding protein 2 (RBP2) histone demethylase suppresses tumorigenesis in mice lacking Rb1 or Men1. *PNAS* 2011 Aug 16;108(33):13379-86.

Grisanzio C, Seeley A, Chang M, Collins M, Di Napoli A, Percy A, Berouhim R, Signoretti S. Development Of Clinically Relevant Orthotopic Models Of Human Renal Cell Carcinoma. *J Pathol.* 2011 Oct; 225(2):212-21.

Genega EM, Ghebremichael M, Najarian R, Fu Y, Wang Y, Argani P, **Grisanzio C**, Signoretti S. Carbonic anhydrase IX expression in renal neoplasms: correlation with tumor type and grade *Am J Clin Pathol.* 2010 Dec; 134(6): 873-9.

Ahmadiyah N, Pomerantz MM, **Grisanzio C**, Herman P, Jia L, Almendro V, He HH, Brown M, Liu XS, Davis M, Caswell JL, Beckwith CA, Hills A, Macconail L, Coetzee GA, Regan MM, Freedman ML. 8q24 prostate, breast, and colon cancer risk loci show tissue-specific long-range interaction with MYC. *PNAS*, 2010 May 7 [Epub ahead of print].

Migita T, Ruiz S, Fornari A, Inazuka F, Fiorentino M, Zadra G, Grisanzio C, Palescandolo E, Priolo C, Shin E, Fiore C, Xie W, Kung AL, Febbo PG, Subramanian A, Mucci L, Ma J, Signoretti S, Stampfer M, Hahn WC, Finn S, Loda M. Fatty Acid Synthase: A Metabolic Enzyme and Candidate Oncogene in Prostate Cancer. *J Natl Cancer Inst.* 2009 Mar 24 [Epub ahead of print].

Majumder P, **Grisanzio C**, O'Connell F, Barry M, Brito JM, Xu Q, Guney I, Berger R, Herman P, Bikoff R, Fedele G, Baek W, Wang S, Ellwood-Yen K, Wu H, Sawyers CL, Signoretti S, Hahn WC, Loda M, Sellers WR. A prostatic intraepithelial neoplasia-dependent p27^{kip1} checkpoint induces senescence, inhibits cell proliferation and cancer progression. *Cancer Cell.* 2008 Aug 12; 14(2): 146-55.

Young AP, Schlisio S, Minamishima YA, Zhang Q, Li L, **Grisanzio C**, Signoretti S, Kaelin WG Jr. VHL loss actuates a HIF-independent senescence programme mediated by Rb and p400. *Nat Cell Biol.* 2008 Mar; 10(3): 361-9.

Signoretti S, Pires MM, Lindauer M, Horner JW, **Grisanzio C**, Dhar S, Majumder P, McKeon F, Kantoff PW, Sellers WR, Loda M. p63 regulates commitment to the prostate cell lineage. *Proc Natl Acad Sci U S A.* 2005 Aug 9; 102 (32): 11355-60. Epub 2005 Jul 28.

BOOKS

Grisanzio C. and Signoretti S, “Adult Prostate Epithelium Renewal, Stem Cells and Cancer” chapter of book “Stem Cells and Cancer”, 2009, Humana Press.

LICENSURE AND CERTIFICATION

State Licensure Examination 2004
Certificate of Enrolment in the Register of Doctors-Surgeons (Licence #53221) Rome, Italy

LANGUAGES

- **Italian** native proficiency
- **English** bilingual proficiency
- **Spanish** limited working proficiency
- **Portuguese** competent

CONTINUING EDUCATION AND TRAINING

Introduction to the Calculus A, Prof. E. Towne, Harvard Extension School Spring 2007

Engineering Mechanics I, Prof. P. Barbone, Boston University Fall 2007

Principles of Physics II: Electricity and Magnetism, Light and Atomic Structure, Prof. W. Rueckner, Harvard Extension School Spring 2008

Introduction to the Calculus B and Differential Equations, Prof. E. Connally, Harvard Extension School Spring 2009

OTHER

Journal Club, Department of Pathology, Brigham and Women's Hospital	2004-2009
	Boston, MA
Volunteer, Homeless Assistance; Umberto I Hospital	2002-2004
	Rome, Italy
Sign Language Course; School for Deaf	2002
	Rome, Italy