

CURRICULUM VITAE**ENRICA BIANCHI, PH.D.****PERSONAL INFORMATION**

Business Address: Brown University, Division of Urology / Department of Pathology & Laboratory
Medicine, 70 Ship Street, Providence, RI 02903

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EDUCATION

Sapienza University, Rome, Italy B.S., Biotechnology	2004 - 2008
Sapienza University, Rome, Italy M.S., Pharmaceutical Biotechnology with first class honors	2008 - 2010
Sapienza University, Rome, Italy Ph.D., Toxicology	2010 - 2014
Brown University, Providence (RI), USA Postdoctoral Research Associate	2014 - 2017

HONORS AND AWARDS

NIH Trainee Travel Award American Society of Andrology	2015
Student Research Symposium in Training Award for Research American Society for Reproductive Medicine	2015
Society for Male Reproduction and Urology Traveling Scholars Program Award American Society for reproductive Medicine	2016
NIH Trainee Travel Award American Society of Andrology	2017
Trainee Merit Award American Society of Andrology	2017

ACADEMIC AND HOSPITAL APPOINTMENTS

Research Associate in Surgery, Brown University	2014 – 2017
Research Associate in Pathology & Laboratory Medicine, Brown University	2016 – 2017
Assistant Professor of Surgery (Research), Brown University	2017 – present

ORIGINAL PUBLICATIONS IN PEER-REVIEWED JOURNALS

1. Artico M, Riganò R, Buttari B, Profumo E, Ionta B, Bosco S, Rasile M, **Bianchi E**, Bruno M, Fumagalli L. Protective role of Parnaparin in reducing systemic inflammation and atherosclerotic plaque formation in ApoE^{-/-} mice. *Int J Mol Med*. 2011; 27(4):561-5.
2. Artico M, Stevanato G, Ionta B, Cesaroni A, **Bianchi E**, Morselli C, Grippaudo FR. Venous compressions of the nerves in the lower limbs. *Br J Neurosurg*. 2011;26(3):386-91.
3. Artico M, **Bianchi E**, Magliulo G, De Vincentiis M, De Santis E, Orlandi A, Santoro A, Pastore FS, Giangaspero F, Caruso R, Re M, Fumagalli L. Neurotrophins, their receptors and Ki-67 in human GH-secreting pituitary adenomas: an immunohistochemical analysis. *Int J Immunopathol Pharmacol*. 2012; 25(1):117-25.
4. Artico M, De Vincentiis M, Ionta B, **Bianchi E**, Bosco S, Onteleone M, Fumagalli L, Magliulo G. Immunohistochemical profile of Neurotrophins and MIB-1 in jugulo-tympanic paragangliomas: prognostic value and review of the literature. *Int J Immunopathol Pharmacol*. 2012; 25(1):183-91.
5. **Bianchi E**, Scarinci F, Grande C, Plateroti R, Plateroti P, Plateroti AM, Fumagalli L, Capozzi P, Feher J, Artico M. Immunohistochemical profile of VEGF, TGF- β and PGE2 in human pterygium and normal conjunctiva: experimental study and review of the literature. *Int J Immunopathol Pharmacol*. 2012; 25(3):607-15.
6. **Bianchi E**, Scarinci F, Ripandelli G, Feher J, Pacella E, Magliulo G, Gabrieli CB, Plateroti R, Plateroti P, Mignini F, Artico M. Retinal pigment epithelium, age-related macular degeneration and neurotrophic keratouveitis. *Int J Mol Med*. 2013; 31(1):232-42.
7. **Bianchi E**, Taurone S, Leopizzi M, Bardella L, Di Liddo R, Nucci F, Bosco S, Pastore FS, Vitale M, Mazzotti A, Artico M. Immunohistochemical profile of VEGF, PGE2 and TGF- β in inflammatory tenosynovitis of Carpal Tunnel Syndrome. *European Journal of Inflammation*, 2012; 10(3):491-499.
8. **Bianchi E**, Artico M, Di Cristofano C, Leopizzi M, Taurone S, Pucci M, Gobbi P, Mignini F, Petrozza V, Pindinello I, Conconi MT, Della Rocca C. Growth factors, their receptor expression and markers for proliferation of endothelial and neoplastic cells in human osteosarcoma. *Int J Immunopathol Pharmacol*, 2013; 26(3):621-32.
9. **Bianchi E**, Mancini P, De Vito S, Pompili E, Taurone S, Guerrisi I, Guerrisi A, D'Andrea V, Cantisani V, Artico M. Congenital asymptomatic diaphragmatic hernias in adults: a case series. *J Med Case Rep*, 2013; 13:7-12.
10. D'Andrea V, **Bianchi E**, Taurone S, Artico M, Mignini F, Cavallotti C. Cholinergic innervation of human mesenteric lymphatic vessels. *Folia Morphol*, 2013; 72(4):322-327.
11. **Bianchi E**, Magliulo G, Marcotullio D, Taurone S, Lerinò R, Pompili E, Fumagalli L, Parnigotto PP, Di Liddo R and Artico M. Inflammatory profile of neurotrophins, IL-6, IL1- β , TNF- α , VEGF, ICAM-1 and TGF- β in the human Waldeyer's ring. *European Journal of Inflammation*, 2013; 11(3):763-776.

12. Mignini F, Sabbatini M, Capacchietti M, Amantini C, **Bianchi E**, Artico M. T-cell subpopulations express a different pattern of dopaminergic markers in intra- and extra-thymic compartments. *J Biol Regul Homeost Agents*, 2013; 27(2):463-475.
13. Di Liddo R, Paganin P, Lora S, Dalzoppo D, Giraudo C, Miotto D, Tasso A, Barbon S, Artico M, **Bianchi E**, Parnigotto PP, Conconi MT, Grandi C. Poly-ε-caprolactone composite scaffolds for bone repair. *Int J Mol Med*, 2014; 34(6):1537-1546.
14. Taurone S, Ripandelli G, Pacella E, **Bianchi E**, Plateroti A, De Vito S, Plateroti P, Grippaudo F, Cavallotti C, Artico M. Potential regulatory molecules in the human trabecular meshwork of patients with glaucoma: immunohistochemical profile of a number of inflammatory cytokines. *Mol Med Rep*, 2015; 11(2):1384-90.
15. *Taurone S, ***Bianchi E**, Attanasio G, Di Gioia C, Ierinó R, Carubbi C, Galli D, Pastore FS, Giangaspero F, Filippo R, Zanza C, Artico M. Immunohistochemical profile of cytokines and growth factors expressed in vestibular schwannoma and in normal vestibular nerve tissue. *Mol Med Rep*, 2015; 12(1):737-745 (* contributed equally).
16. **Bianchi E**, Ripandelli G, Feher J, Plateroti AM, Plateroti R, Kovacs I, Plateroti P, Taurone S, Artico M. Occlusion of retinal capillaries caused by glial cell proliferation in chronic ocular inflammation. *Folia Morphol*, 2015; 74(1):33-41.
17. **Bianchi E**, Taurone S, Bardella L, Signore A, Pompili E, Sessa V, Chiappetta C, Fumagalli L, Gioia CD, Pastore FS, Scarpa S, Artico M. Involvement of pro-inflammatory cytokines and growth factors in the pathogenesis of Dupuytren's contracture: a novel target for a possible future therapeutic strategy? *Clin Sci (Lond)*, 2015; 129(8):711-720.
18. **Bianchi E**, Boekelheide K, Sigman M, Lamb DJ, Hall SJ, K. Hwang. Ghrelin ameliorates adhesion formation in a post-surgical mouse model. *J Surg Res.*, 2016; 201(1):226-34.
19. **Bianchi E**, Boekelheide K, Sigman M, Lamb DJ, Hall SJ, K. Hwang. Ghrelin inhibits post-operative adhesions via blockage of TGF-β signaling pathway. *PLOS ONE*, 2016; 11(4): e0153968.
20. Galli F, Artico M, Taurone S, Manni I, **Bianchi E**, Piaggio G, Weintraub BD, Szkudlinski, Agostinelli E, DierckX RAJO, Signore A. Radiolabeling of VEGF165 with 99mTc to evaluate VEGFR expression in tumor angiogenesis. *Int J Oncol.*, 2017; 50(6):2171-2179.
21. **Bianchi E**, Boekelheide K, Sigman M, Hall SJ, Hwang K. Ghrelin modulates testicular damage in a cryptorchid mouse model. *PLOS ONE*, 2017; 12(5): e0177995.

PROFESSIONAL SOCIETY MEMBERSHIP

American Society of Andrology	2014 - present
American Society for Reproductive Medicine	2014 - present
Society of Toxicology	2016 - present
Society for Male Reproduction and Urology	2016 - present

PROFESSIONAL SERVICE

Trainee co-moderator of Symposium V - Sperm Function, American Society of Andrology	2017
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ABSTRACTS AND PRESENTATIONS

National Meeting Abstracts

1. Mignini F, Capezzone C, Pompili E, Fabrizi C, Artico M, **Bianchi E**, Nori SL, Fumagalli L. Dopamine receptors and transporters sensitivity to trimethyltin in rat hippocampus and facial nucleus. Poster Presentation. Italian Society of Anatomy and Histology. LXV annual meeting, 27-29 September 2011.
2. Pompili E, **Bianchi E**, Taurone S, Parnigotto PP, Artico M, Magliulo G, Di Liddo R, Fumagalli L. Inflammatory profile of neurotrophins, IL-6, IL1- β , TNF- α , VEGF, ICAM-1 and TGF- β in the Human Waldeyer's ring. Poster Presentation. Italian Society of Anatomy and Histology. LXVII annual meeting, 20-22 September 2013.
3. Hwang K, **Bianchi E**, Sigman M, Boekelheide K. Special research presentation: defining the role of ghrelin in wound healing and the inflammatory response in the post-operative setting. Oral presentation. American Society for Reproductive Medicine. 70th Annual Meeting, 18-22 October 2014.
4. **Bianchi E**, Boekelheide K, Sigman M, Hall SJ, Hwang K. Ghrelin-induced attenuation of testicular damage in mouse cryptorchid testes. Poster Presentation. American Society of Andrology. 40th annual meeting, 18 – 21 April 2015.
5. **Bianchi E**, Sigman M, Boekelheide K, Hall SJ, Hwang K. Ghrelin administration ameliorates adhesion formation in a mouse surgical model. Poster Presentation. American Society for Reproductive Medicine. 71st Annual Meeting, 17-22 October 2015.
6. **Bianchi E**, Boekelheide K, Sigman M, Hall SJ, Hwang K. Molecular mechanism of ghrelin behind ghrelin-mediated prevention of post-surgical adhesions. Oral Presentation. American Society for Reproductive Medicine. 72nd Annual Meeting, 17-22 October 2016.
7. **Bianchi E**, Boekelheide K, Sigman M, Hall SJ, Hwang K. Ghrelin-induced attenuation of testicular injury in a cryptorchid mouse model. Poster Presentation. Society of Toxicology. 56th annual meeting, 12-16 March 2017.
8. **Bianchi E**, Boekelheide K, Sigman M, Hall SJ, Hwang K. Ghrelin-induced attenuation of testicular injury in a cryptorchid mouse model. Poster Presentation. American Society of Andrology. 42nd annual meeting, 12-16 April 2017.

TEACHING EXPERIENCE

“Functional anatomy of the hypothalamus and pituitary gland” 2 hrs Lecture / Discussion Human Anatomy, Pharmacy Faculty, Sapienza University, Rome, Italy	2011
“Nasal and oral cavities” 2hrs Lecture / Discussion Human Anatomy, Pharmacy Faculty, Sapienza University, Rome, Italy	2012
“Human nervous system, central and peripheral nervous system” 2 hrs Lecture/ Discussion Human Anatomy, Pharmacy Faculty, Sapienza University, Rome, Italy	2012
“Human nervous system, central and peripheral nervous system” 2 hrs Lecture/ Discussion Human Anatomy, Pharmacy Faculty, Sapienza University	2013

Supervised, trained and mentored undergraduate and graduate students
Department of Pathology & Laboratory Medicine Brown University, Providence, USA

2014 - 2017