

Curriculum Vitae -Teresa Gagliano

Personal Information

Name: Teresa Surname: Gagliano
Date of Birth : 28th August 1979 Citizenship: Italian
e-mail: ggltrs@unife.it

Current Position: Postdoctoral Fellow, Department of Medical Science,
Section of Endocrinology, University of Ferrara

Work Experience:

Postdoctoral Fellow

From 2010- currently

Department of Medical Science, Section of Endocrinology, University of Ferrara

Visiting Researcher

Professor Chris McCabe Group- Centre for Endocrinology, Diabetes and Metabolism
August 2013 – November 2013 Birmingham, United Kingdom

Visiting Researcher

Centro Nacional de investigaciones Oncologicas
C/ Melchor Fernández Almagro, 3, E-28029 Madrid
From 27/03/2011 to 30/04/2011

Postdoctoral Fellow

Department of Biochemistry and Molecular Biology, University of Ferrara
From 01/01/2009 to 10/10/2009

Postgraduate Fellow

Department of Biochemistry and Molecular Biology, University of Ferrara
From 01/04/2005 to 31/12/2005

Education

PhD Student

Department of Biochemistry and Molecular Biology, University of Ferrara
From 01/01/2006 to 31/12/2008
Degree obtained on 27/02/2009

University of Ferrara

Master of Science in Pharmaceutical Chemistry

Degree obtained AA 2003/2004

High School Don Bosco -Villa Ranchibile (Palermo)

Degree obtained 7/7/1998

High School Educando Statale dell SS. Annunziata-Villa del Poggio Imperiale(Florence)
From 01/09/1993 to 30/06/1996

Languages

Italian (mother tongue)
English fluent
Spanish (Castilian) Basic

Academic activities

AA 2014-2015

Expert technician for the Biochemistry Laboratory in Pharmaceutical Chemistry MS
(University of Ferrara)

AA 2013-2014

Thesis Supervisor: Bachelor of Science in Biotechnology (University of Ferrara)

Thesis Supervisor: Master of Science in Molecular and Cellular Biology (University of Ferrara)

Thesis Supervisor: Master of Science in Pharmacy and Pharmaceutical Chemistry (University of Ferrara)

AA 2012-2013

Thesis Supervisor: Bachelor of Science in Biotechnology (University of Ferrara)

Thesis Supervisor: Master of Science in Molecular and Cellular Biology (University of Ferrara)

Thesis Supervisor: Master of Science in Pharmacy and Pharmaceutical Chemistry (University of Ferrara)

AA 2011-2012

Thesis Supervisor: Bachelor of Science in Biotechnology (University of Ferrara)

Thesis Supervisor: Master of Science in Molecular and Cellular Biology (University of Ferrara)

Thesis Supervisor: Master of Science in Pharmacy and Pharmaceutical Chemistry (University of Ferrara)

AA 2010-2011

Thesis Supervisor: Bachelor of Science in Biotechnology (University of Ferrara)

Thesis Supervisor: Master of Science in Molecular and Cellular Biology (University of Ferrara)

Thesis Supervisor: Master of Science in Pharmacy and Pharmaceutical Chemistry (University of Ferrara)

AA 2010-2011

Support education for the classes of Endocrinology (official teacher: Dr. Maria Chiara Zatelli)
for the Bachelors degree in Biotechnology (University of Ferrara)

AA 2008-2009

Expert technician for the Clinical Molecular Biology Laboratory in Cell and Biomolecular Sciences LS, Professor Francesco Bernardi (University of Ferrara)

AA 2008-2009

Lessons for the course of Clinical Molecular Biology, Biomolecular Sciences in the setting of the Master degree in Molecular Biology, held by Professor Francesco Bernardi (University of Ferrara) 1. Primary cultures of vascular smooth muscle cells
2. Microarray

AA 2007-2008

Academic tutor for the Faculty of Pharmacy for teaching: 1. General Chemistry 2. Organic Chemistry 3. Biochemistry (University of Ferrara)

AA 2007-2008

Assistant to the tutoring methodology for the Faculty of Pharmacy, Director Dr. Roberta Ziosi (University of Ferrara)

AA 2007-2008

Academic classes during Clinical Molecular Biology, Molecular and Cellular Biology, held Professor Francesco Bernardi (University of Ferrara)

1. EMSA
2. Microarray

AA 2006-2007

Collaborator to tutoring methodology for the Faculty of Pharmacy, Director Dr. Roberta Ziosi (University of Ferrara)

AA 2005-2006

Thesis Supervisor: Faculty of Pharmacy, Master of Science in Chemistry and Pharmaceutical Technology (University of Ferrara)

Honors

- Travel grant award: "European Neuroendocrine Association", 2011 2nd Workshop Aggressive pituitary tumors, Munich, Germany
- Travel grant award "ENETS-European Neuroendocrine Tumor Society" 9th Annual ENETS Conference 2012 Copenhagen, Denmark
- Travel grant award: "European Society of Endocrinology, basic science", 15th Congress of the European Society of Endocrinology, Florence 2012
- Travel grant "European Society of Endocrinology" European Symposium on Hormones and Cell Regulation, 2012 Mont Sainte-Odile, Francia
- Travel grant award: "ENETS - European Neuroendocrine Tumor Society" 10th Annual ENETS Conference, Barcelona, Spain, 2013

- Young Researcher Award-University of Ferrara 2013
- Travel grant award: “ENETS - European Neuroendocrine Tumor Society” 10th Annual ENETS Conference, Barcelona, Spain, 2014
- “ESE YOUNG INVESTIGATOR AWARD”- European Society of Endocrinology, , 16th European Congress of Endocrinology ,Wroclaw, Poland 3-7 May 2014

Member of the following scientific societies

European Society of Endocrinology (ESE)

Italian Society of Endocrinology (SIE)

European Network for the Study of Adrenal Tumours (Ens@t)

Meetings as speaker:

- European Neuroendocrine Association, 2nd Workshop Aggressive pituitary tumors, “Magmas, a novel over-expressed gene in Pituitary rat cell lines and in human pituitary adenomas: a new pituitary bio marker?” 2011 Munich, Germany
- Endocrine Diseases and Surgery: Technological Innovations and Mini-Invasive Treatments “New approaches to the treatment of adrenocortical carcinoma”, Ferrara-Italy, 7th December 2012
- SIE National Congress, EnGioI Symposium, “Magmas inhibits staurosporine induced apoptosis by hampering Cytochrome C release and Caspase activation in rat pituitary adenoma cell lines” Padua , Italy 5th-8th June 2013
- European Congress of Endocrinology, 2014 ‘The cytotoxic effect of Sunitinib on human bronchial carcinoid cell lines and primary cultures, is counteracted by EGF and IGF-1, but not by VEGF’ 3rd - 7th May 2014 Wroclaw, Poland.

Publications

- Peer-reviewed Articles

1. **Gagliano T**, Gentilin E, Benfini K, Di Pasquale C, Tassinari M, Falletta S, Feo C, Tagliati F, degli Uberti E, Zatelli MC. *Mitotane enhances doxorubicin cytotoxic activity by inhibiting P-gp in human adrenocortical carcinoma cells*. Endocrine. 2014 Aug 6 2014 Aug 6. [Epub ahead of print] PubMed PMID: 25096913
2. Zatelli MC#, **Gagliano T**#, Pela' M, Bianco S, Bertolasi V, Tagliati F, Guerrini R, Degli Uberti E, Salvadori S, Trapella C. *The N-carbamidoyl-4-((3-ethyl-2,4,4-trimethylcyclohexyl)methyl)benzamide enhances Staurosporine cytotoxic effects likely*

inhibiting the protective action of Magmas towards cell apoptosis. J Med Chem. 2014 Apr 24. [Epub ahead of print] PubMed PMID: 24761782.

3. Read ML, Seed RI, Fong JC, Modasia B, Ryan GA, Watkins RJ, **Gagliano T**, Smith VE, Stratford AL, Kwan PK, Sharma N, Dixon OM, Watkinson JC, Boelaert K, Franklyn JA, Turnell AS, McCabe CJ. *The PTTG1-Binding Factor (PBF/PTTG1IP) regulates p53 activity in thyroid cells*. Endocrinology. 2014 Feb 7;en20131646. [Epub ahead of print] PubMed PMID: 24506068.
4. Gentilin E, Molè D, **Gagliano T**, Minoia M, Ambrosio MR, Uberti EC, Zatelli MC. *Inhibitory effects of mitotane on viability and secretory activity in mouse gonadotroph cell lines*. Reprod Toxicol. 2014 Jan 30. pii: S0890-6238(14)00021-5. doi: 10.1016/j.reprotox.2014.01.008. [Epub ahead of print] PubMed PMID: 24486453.
5. Tagliati F#, **Gagliano T**#, Gentilin E, Minoia M, Molè D, Delgi Uberti EC, Zatelli MC. *Magmas overexpression inhibits staurosporine induced apoptosis in rat pituitary adenoma cell lines*. PLoS One. 2013 Sep 17;8(9):e75194. doi:10.1371/journal.pone.0075194. eCollection 2013. PubMed PMID: 24069394; PubMed Central PMCID: PMC3775776.
6. Coen M, Marchetti G, Palagi PM, Zerbinati C, Guastella G, **Gagliano T**, Bernardi F, Mascoli F, Bochaton-Piallat ML. *Calmodulin expression distinguishes the smooth muscle cell population of human carotid plaque*. Am J Pathol. 2013 Sep;183(3):996-1009. doi: 10.1016/j.ajpath.2013.06.006. Epub 2013 Jul 6. PubMed PMID: 23838429.
7. **Gagliano T**, Bellio M, Gentilin E, Molè D, Tagliati F, Schiavon M, Cavallesco NG, Andriolo LG, Ambrosio MR, Rea F, Degli Uberti E, Zatelli MC. *mTOR, p70S6K, AKT, and ERK1/2 levels predict sensitivity to mTOR and PI3K/mTOR inhibitors in human bronchial carcinoids*. Endocr Relat Cancer. 2013 Jun 24;20(4):463-75. doi: 10.1530/ERC-13-0042. Print 2013 Aug. PubMed PMID: 23653462.

8. Molè D, Gentilin E, **Gagliano T**, Tagliati F, Bondanelli M, Pelizzo MR, Rossi M, Filieri C, Pansini G, degli Uberti EC, Zatelli MC. *Protein kinase C: a putative new target for the control of human medullary thyroid carcinoma cell proliferation in vitro*. *Endocrinology*. 2012 May;153(5):2088-98. doi: 10.1210/en.2011-1988. Epub 2012 Feb 28. PubMed PMID: 22374978.
9. **Gagliano T**, Filieri C, Minoia M, Buratto M, Tagliati F, Ambrosio MR, Lapparelli M, Zoli M, Frank G, degli Uberti E, Zatelli MC. *Cabergoline reduces cell viability in non functioning pituitary adenomas by inhibiting vascular endothelial growth factor secretion*. *Pituitary*. 2013 Mar;16(1):91-100. doi: 10.1007/s11102-012-0380-1. PubMed PMID: 22350942.
10. Molè D, **Gagliano T**, Gentilin E, Tagliati F, Pasquali C, Ambrosio MR, Pansini G, Degli Uberti EC, Zatelli MC. *Targeting protein kinase C by Enzastaurin restrains proliferation and secretion in human pancreatic endocrine tumors*. *Endocr Relat Cancer*. 2011 Jul 1;18(4):439-50. doi: 10.1530/ERC-11-0055. Print 2011 Aug. PubMed PMID: 21606156.
11. Coen M, **Gagliano T**, Tsolaki E, Marchetti G, Marchetti E, Mascoli F. *Primary intravascular synovial sarcoma of the femoral vein in a male patient, case report*. *Eur J Vasc Endovasc Surg*. 2008 Aug;36(2):224-6. doi: 10.1016/j.ejvs.2008.01.028. Epub 2008 Mar 25. PubMed PMID: 18367418.

These authors contributed equally to these works

- Peer reviewed Published Abstracts

1. Zatelli Maria Chiara, Giulia Zuolo, Erica Gentilin, **Teresa Gagliano**, Federico Tagliati, and Ettore Ciro degli Uberti. Growth Hormone Modulates Chemoresistance in Human Endometrial Cancer Cell Lines. Therapies for Cancer, pp. MON-0336. Endocrine Society, 2014.
2. Zatelli Maria Chiara, Mauro Di Ruvo, Federico Tagliati, Erica Gentilin, **Teresa Gagliano**, Natalia Pellegata, Maria Rosaria Ambrosio, and Ettore Ciro degli Uberti. Acromegaly Associated with a New Deletion in CDKN1B 5'-UTR Region: Functional Molecular Characterization. Pituitary Tumors-Basic, pp. SUN-0707. Endocrine Society, 2014.
3. Zatelli Maria Chiara, Daniela Molè, Raul M. Luque, Erica Gentilin, **Teresa Gagliano**, Federico Tagliati, Alejandro Ibanez Costa et al. "The Truncated Somatostatin Receptor Variant sst5TMD4 Influences Medullary Thyroid Carcinomas Aggressivity." In Thyroid Neoplasia, pp. SUN-0558. Endocrine Society, 2014.
4. H Fan, **Teresa Gagliano**, Martin L Read, Jayne A Franklyn, Kristien Boelaert, Andrew S Turnell, Christofer J McCabe. (2014) ATR kinase function is modulated by the proto-oncogene PBF. Endocrine Abstracts (2014) 34 P191
5. **Teresa Gagliano**, Carmelina Di Pasquale, Erica Gentilin, Daniela Molè, Martina Tassinari, Mariaenrica Bellio, Ettore degli Uberti, Maria Chiara Zatelli. VEGF autocrine secretion is enhanced by EGFR activation trough ERK1/2 phosphorylation in human Adrenocortical Carcinoma cell lines. Endocrine Abstracts Vol. 35 2014
6. Giulia Zuolo, Mariella Minoia, Erica Gentilin, **Teresa Gagliano**, Federico Tagliati, Maria Chiara Zatelli, Ettore degli Uberti. GH induces chemoresistance in human endometrial cancer cell lines involving ERK 1/2 and PKCdelta. Endocrine Abstracts Vol. 35 2014
7. Katuscia Benfini, **Teresa Gagliano**, Erica Gentilin, Mariella Minoia, Mole Daniela, Ettore degli Uberti, Maria Chiara Zatelli. Cyclin D1 levels are involved in the resistance to m-TOR inhibitors in human bronchial carcinoids . Endocrine Abstracts Vol. 35 2014
8. Mariaenrica Bellio, Teresa Gagliano, Maria Chiara Zatelli, Ettore Degli Uberti. Effects of two mTOR inhibitors on in-vitro models of GH-secreting pituitary adenomas. Endocrine Abstracts Vol. 35 2014

9. Mauro Di Ruvo, Federico Tagliati, Erica Gentilin, **Teresa Gagliano**, Natalia Pellegata, Katuscia Benfini, Ettore degli Uberti, Maria Chiara Zatelli. Functional characterization of a new deletion in CDKN1B 5'-UTR region. *Endocrine Abstracts* Vol. 35 2014
10. **Teresa Gagliano**, Mariaenrica Bellio, Erica Gentilin, Daniela Mole, Federico Tagliati, Marco Schiavon, Narciso Giorgio Cavallesco, Fiorella Calabrese, Maria Rosaria Ambrosio, Federico Rea, Ettore degli Uberti, Maria Chiara Zatelli (2013). mTOR, AKT, p70S6K and ERK1/2 levels predict sensitivity to mTOR and PI3K/mTOR inhibitors in human bronchial carcinoids. *Endocrine Abstracts*.
11. **Teresa Gagliano**, Daniela Mole, Erica Gentilin, Mariaenrica Bellio, Uberti Ettore degli, Maria Chiara Zatelli (2013). Activation of EGFR promotes ACC cell proliferation by inducing VEGF autocrine secretion. *Endocrine Abstracts*.
12. Daniela Molè, Erica Gentilin, **Teresa Gagliano**, Federico Tagliati, degli Uberti Ettore, Maria Chiara Zatelli (2013). Involvement of PKC β and PKC δ isoforms in TSH signaling pathway in thyroid cancer cell lines. *Endocrine Abstracts*.
13. Daniela Molè, Erica Gentilin, **Teresa Gagliano**, Federico Tagliati, Maria Rosaria Ambrosio, degli Uberti Ettore, Maria Chiara Zatelli (2013). PKC δ plays an important in regulating human medullary thyroid carcinoma cell viability. *Endocrine Abstracts*.
14. **Teresa Gagliano**, Mariaenrica Bellio, Mariella Minoia, Katuscia Benfini, degli Uberti Ettore, Maria Chiara Zatelli (2013). Epidermal growth factor pathway as a possible target in the medical therapy of bronchial carcinoids. *Endocrine Abstracts*.
15. Mariaenrica Bellio, Cecilia Mirabassi, **Teresa Gagliano**, Ettore degli Uberti, Zatelli Maria Chiara (2013). mTOR mediated IGF1 proliferative effects on a rat pituitary GH/PRL secreting pituitary adenoma cell line. *Endocrine Abstracts*.
16. Erica Gentilin, Federico Tagliati, **Teresa Gagliano**, Daniela Mole, Ettore degli Uberti, Maria Chiara Zatelli (2012). PRKCD Is a Target of miR-26a in ACTH Pituitary Adenoma. *Endocrine Society , USA pp.SAT-729- SAT-729 Vol.33*,
17. Coen M., Marchetti G., Zerbinati C., Guastella G., **Gagliano T.**, Bernardi F., Palagi PM., Mascoli F., Bochaton-Piallat ML. (2012). Calmodulin Is a Marker of a Distinct Smooth Muscle Cell Population Recruited by Plaque-Derived Macrophages from the Human Carotid Artery Media. Abstract from the Arteriosclerosis, Thrombosis and Vascular Biology 2012 Scientific Sessions. ATVB Council, USA pp.A519- A519 Vol.32, issue 5 supplement.

18. **T. Gagliano**, R. Rossi, D. Molè, E. Gentilin, M. Minoia, F. Tagliati, E. degli Uberti, MC. Zatelli, (2012). Differential mTOR and PI3K Pathway Activation in Human Bronchial Carcinoids. Endocrine Society , USA pp.SUN-262- SUN-262 Vol.33.
19. **T. Gagliano**, R. Rossi, D. Molè, E. Gentilin, M. Minoia, F. Tagliati, E. degli Uberti, M.C. Zatelli (2012). Bronchial carcinoid response to mTOR inhibitors depends on mTOR expression levels. BioScientifica, USA pp.P783- P783 Vol.29,
20. **T. Gagliano**, A.R. Robustelli, D. Molè, E. degli Uberti, M. C. Zatelli (2011). Mitotane reduces the chemoresistance phenotype in an adrenocortical carcinoma cell line pp.76- 76 Vol.34, Endocrine Abstract
21. Federico Tagliati, **Teresa Gagliano**, Rachele Rossi, Silvia Borsetto, Ettore degli Uberti, Maria Chiara Zatelli (2011). Magmas, a Novel Over-Expressed Gene in Pituitary Rat Cell Lines and in Human Pituitary Adenomas: A New Pituitary Biomarker?. pp.P1-776- P1-776 Vol.32 , Endocrine Reviews
22. Daniela Mole', **Teresa Gagliano**, Erica Gentilin, Marta Bondanelli, Federico Tagliati, Ettore degli Uberti, and Maria Chiara Zatelli (2011). IGF-I Proliferative Effects Are Inhibited by Targeting PKC in Human Endocrine Tumor Cells. pp.P2-73- P2-73 Vol.32, Endocrine Reviews
23. Mole, D., **T. Gagliano**, E. Gentilin, M. Bondanelli, F. Tagliati, E. degli Uberti, and M. C. Zatelli. "A Novel PKC beta II Inhibitor Induces Antiproliferative Effects in Human Pancreatic Neuroendocrine Tumor Cells." In NEUROENDOCRINOLOGY, vol. 94, pp. 8-8. ALLSCHWILERSTRASSE 10, CH-4009 BASEL, SWITZERLAND: KARGER, 2011.
24. **T Gagliano**, AR Robustelli, D Molè, E degli Uberti, MC Zatelli (2011). Mitotane reduces the chemoresistance phenotype in an adrenocortical carcinoma cell line. Endocrine Abstracts (2011) Vol 2. European Society of Endocrinology, Bristol, UK pp.80- 80

Congress Attendance

- XIV Scientific Convention Telethon, Salsomaggiore Terme (Italy) 12th-14th March 2007
- 4th European Meeting on Vascular Biology and Medicine (EMVBM), Bristol(United Kingdom) 17th-20th September 2007
- “Adrenocortical Tumor” Ferrara (Italy) 22nd October 2009
- XXXIV Italian Society of Endocrinology Congress, Pisa (Italy) 10th-12th June 2010
- 2nd ENEA workshop, Munich (Germany) 1st-3rd December 2011
- 9th Annual ENETS conference, Copenhagen (Denmark) 7th-9th March 2012
- 14th European Congress of Endocrinology/15th International Congress of Endocrinology, Florence (Italy) 5th-9th May 2012
- “New Drugs for Oncology” Ferrara (Italy) 14th September 2012
- FISV congress Rome (Italy) 24th-27th September 2012
- Receptor Tyrosine Kinases from structural Biology to Systems Biology-37th Symposium on Hormones and Cell Regulation- European Society of Endocrinology, Mont Ste Odile, Alsace (France) 11th-14th October 2012
- Postgraduate Course at the 10th Annual ENETS conference, Barcelona (Spain) 5th March 2013
- 10th Annual ENETS conference, Barcelona (Spain) 6th -8th March 2013
- 15th European Congress of Endocrinology, Copenhagen (Denmark) 27th April-1st May 2013
- XXXVI Italian Society of Endocrinology Congress, Padua (Italy) 5th-8th June 2013
- Postgraduate Course at the 11th Annual ENETS conference, Barcelona (Spain) 4th March 2014
- 11th Annual ENETS conference, Barcelona (Spain) 5th -7th March 2014
- XXXVII Italian Society of Endocrinology Congress, Pisa (Italy) 10th-12th April 2014

- 16th European Congress of Endocrinology, Wroclaw (Poland) 3rd-7th May 2014