

**ALL. B**

Decreto Rettore Università di Roma “La Sapienza” n 1828/2018 del 12/07/2018

**ENKE BALDINI**

## Curriculum Vitae

Place: Roma

Date: 20/08/2018

**Part I – Education**

Type	Year	Institution	Notes (Degree, Experience,...)
University graduation	2001	University of L’Aquila	Biological Sciences cum laude
PhD	2005	University of L’Aquila	Experimental Medicine and Endocrinology
Licensure 01	2002	University of L’Aquila	Licensed to practice as biologist
Licensure 02	2017	MIUR	ASN for the SC 06/A2

**Part II – Appointments**

## IIA – Academic Appointments

Start	End	Institution	Position
2007	2007	Complex Operative Unit of Endocrinology, Policlinic Umberto I, Roma	Postdoctoral Fellowship
2008	2008	Dept. Experimental Medicine, University “Sapienza” of Roma	Research contract
2009	2010	Dept. Experimental Medicine, University “Sapienza” of Roma	Research contract
2010	2010	Dept. Experimental Medicine, University “Sapienza” of Roma	Research contract
2009	2011	Université de Rennes 1	Invited professor
2011	2014	Dept. Experimental Medicine, University “Sapienza” of Roma	Contract of fixed time researcher (art. 1, comma 14, law 4 november 2005, n. 230)
2014	2015	Dept. Experimental Medicine, University “Sapienza” of Roma	Research fellowship
2018	2019	Dept. Surgical Sciences, University “Sapienza” of Roma	Research fellowship

## IIB – Other Appointments

Start	End	Institution/Company	Position
2007	2007	Centre de Recherche d'Etudes Biologiques Sociales et Scientifiques (C.R.E.B.S.), Rennes, France	Chargée d'Etudes
2015	2015	Luigi Maria Monti Foundation	Research contract
2016	2016	Luigi Maria Monti Foundation	Research contract

## Part III – Editorial Board membership, Awards and Honors

Year	Title
2003	Best Poster Award – 30° National Congress of the Italian Society of Endocrinology
2014	Member of the Editorial Board of “Austin Journal of Pathology & Laboratory Medicine”
2017	Top reviewer for Sapienza University of Rome (in field Pharmacology, Toxicology and Pharmaceutics)

## Part IV - Funding Information [grants as PI-principal investigator or I-investigator]

Year	Title	Program	Grant value
2004	Characterization of matrix metalloproteinases, Fas and Fas ligand in human testicular tumors.	PRIN 2004 (Investigator)	46.500 €
2004	Molecular mechanisms involved in the pathogenesis of thyroid tumors.	University Research 2004 (ex 60%) - University of L'Aquila (Investigator)	7.000 €
2004	From molecules to man: biotechnological application of space research (MoMa)	Research project of the Italian Space Agency (Investigator)	105.000 €
2011	Papillary and medullary thyroid carcinomas incurable with conventional therapies: clinical and epidemiological characteristics, synthesis, preclinical pharmacology, target-therapy of new agents that inhibit tyrosine kinases and Aurora kinases in human primary cell cultures.	PRIN 2010-2011 (Investigator)	124.543 €
2012	Expression of members of the Aurora kinase family and their evaluation as new molecular targets for the therapy of medullary thyroid carcinomas.	University research 2012 “Sapienza” University of Rome (Investigator)	6.000 €

2014	Expression study of the different isoforms of the TACC1 protein in normal and tumor thyroid tissues	Research Grant by the University “Sapienza” of Roma (Principal investigator)	3000 €
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## Part V – Research Activities

Keywords	Brief Description
Fertility	<p>Dr. Enke Baldini started her research activity with an investigation concerning the effects of iodine supplementation on fertility of sheep living in iodine deficient areas, documenting as an adequate iodine prophylaxis program was capable of increasing sheep fertility. Over the years, her research activity has been mainly focused on the physiopathology of the thyroid gland. In particular, she has been involved in research projects aimed to define the molecular pathogenesis of thyroid cancers (TC). In this context, she evaluated the expression of enzymes involved in the degradation of ECM, that is metalloproteinases and the plasminogen activating system. These studies demonstrated for the urokinase plasminogen activator (uPA) and its cognate receptor (uPAR) a relevant prognostic role in papillary TC, better than clinicopathological parameters currently used in clinical practice. Moreover, Enke Baldini has been engaged in the search of a new therapeutic approach for the treatment of the highly aggressive anaplastic TC (ATC), which has led to the identification of members of the Aurora kinase family as possible therapeutic targets. Similar encouraging results emerged from other studies performed by her on testicular germ cell tumors. Enke Baldini investigated TC also from a diagnostic perspective, documenting the usefulness of mRNA and/or protein detection of thyroid markers (i.e. thyroglobulin and calcitonin) in the washout of fine needle aspiration biopsy for the diagnosis of metastatic TC. Recently, she participated in cross-sectional studies that evidenced in women affected by either benign or malignant thyroid diseases a greater risk of extrathyroidal cancers, especially breast cancer. She has been also involved in research projects aimed to elucidate the role of TH on fertility.</p>
Thyroid	
Thyroid cancer diagnosis and prognosis	
Aurora kinases	
Molecular targeted therapy	

## Part VI – Summary of Scientific Achievements

Product type	Number	Data Base	Start	End
Papers [international]	59	SCOPUS/Web of Science	2003	2018
Papers [national]	1		2006	2006
Book chapters [scientific]	6		2008	2018

Total Impact factor	171.53
Median Impact Factor	2.907
Total Citations	906

Average Citations per Product	15.36
Hirsch (H) index	16
Normalized H index*	1.07
Contemporary H index	11

\*H index divided by the academic seniority.

Bibliometric indicators relative to the acquisition of the National Scientific Qualification for Associate Professor:

- Number of publications in the last 5 years: **37**
- Number of citations in the last 10 years: **879**
- h-index of the last 10 years: **13**

### Part VII– Reviewer’s activity

The reviewer’s activity for the following international scientific journals has been verified and certified by Publons (<https://publons.com/>):

Journal	Number of Reviews
Clinical Cancer Research	3
International Journal of Molecular Sciences	2
Biomedicine & Pharmacotherapy	2
The International Journal of Biochemistry & Cell Biology	1
Cellular Physiology and Biochemistry	1
Expert Review of Anticancer Therapy	1
Molecular Cancer Therapeutics	1
EBioMedicine	1
Data in Brief	1
Laryngoscope Investigative Otolaryngology	1

### Part VIII– Selected Publications

The reported journal’s Impact factor (IF) is relative to the year of publication.

1. Effects of the Aurora kinase inhibitor VX-680 on anaplastic thyroid cancer-derived cell lines. Y. Arlot-Bonnemains, **E. Baldini**, B. Martin, JG. Delcros, M. Toller, F. Curcio, F.S. Ambesi-Impiombato, M. D’Armiento, S. Ulisse. *Endocrine-Related Cancer* 15:559-568, 2008.  
**IF: 4.805; Citations: 47**
2. The urokinase plasminogen activator system: a target for anti-cancer therapy. S. Ulisse, **E. Baldini**, S. Sorrenti, M. D’Armiento. *Current Cancer Drug Targets* 9:32-71, 2009.  
**IF: 3.522; Citations: 181**
3. Expression of Fas and Fas ligand in human testicular germ cell tumors. **E. Baldini**, S. Ulisse, E. Marchioni, A. Di Benedetto, G. Giovannetti, E. Petrangeli, S. Sentinelli, R. Perrone Donnorso, M.G. Reale, M. Mottolese, L. Gandini, A. Lenzi, M. D’Armiento. *International Journal of Andrology* 32:127-130, 2009.

**IF: 3.695; Citations: 6**

4. TSH receptor and thyroid specific genes expression in human skin.  
F. Cianfarani\*, **E. Baldini\***, A. Cavalli, E. Marchioni, L. Lembo, M. Teson, S. Persechino, G. Zambruno, S. Ulisse, T. Odorisio, M. D'Armiento. *Journal of Investigative Dermatology* 130:93-101, 2010.  
\*The first two authors provided an equal contribution  
**IF: 6.525; Citations: 52**
5. Increased expression of urokinase plasminogen activator and its cognate receptor in human seminomas.  
S. Ulisse, **E. Baldini**, M. Mottolese, S. Sentinelli, P. Gargiulo, V. Brancato, S. Sorrenti, A. Di Benedetto, E. De Antoni, M. D'Armiento. *BMC Cancer* 10:151, 2010.  
**IF: 3.362; Citations: 10**
6. Deregulation of Aurora kinases genes expression in human testicular germ cell tumors.  
**E. Baldini**, Y. Arlot-Bonnemains, M. Mottolese, S. Sentinelli, B. Antoniani, S. Sorrenti, M. Salducci, E. Comini, S. Ulisse, M. D'Armiento. *Andrologia* 42:260-267, 2010.  
**IF: 1.630; Citations: 12**
7. Inhibition of the Aurora kinases suppresses in vitro NT2-D1 cell growth and tumorigenicity.  
S. Ulisse, Y. Arlot-Bonnemains, **E. Baldini**, S. Morrone, S. Carocci, L. Di Luigi, M. D'Armiento. *Journal of Endocrinology* 204:135–142, 2010.  
**IF: 3.718; Citations: 10**
8. Aurora kinases are expressed in medullary thyroid carcinoma (MTC) and their inhibition suppresses in vitro growth and tumorigenicity of the MTC derived cell line TT.  
**E. Baldini**, Y. Arlot-Bonnemains, S. Sorrenti, C. Mian, M.R. Pelizzo, E. De Antoni, S. Palermo, S. Morrone, S. Barollo, A. Nesca, C.G. Moretti, M. D'Armiento, S. Ulisse. *BMC Cancer* 11:411, 2011.  
**IF: 3.362; Citations: 17**
9. High expression of the urokinase plasminogen activator and its cognate receptor associates with advanced stages and reduced disease-free interval in papillary thyroid carcinoma.  
S. Ulisse\*, **E. Baldini\***, S. Sorrenti, S. Barollo, L. Gnessi, A. Catania, MR Pellizzo, F. Nardi, C. Mian, E. De Antoni, M. D'Armiento, L. Frati. *Journal of Clinical Endocrinology & Metabolism* 96:504-508, 2011.  
\*The first two authors provided an equal contribution  
**IF: 6.209; Citations: 32**
10. Aurora-C interacts with and phosphorylates the transforming acidic coiled-coil 1 protein.  
J.C. Gabillard, S. Ulisse, **E. Baldini**, S. Sorrenti, J.Y. Cremet, C. Coccaro, C. Prigent, M. D'Armiento, Y. Arlot-Bonnemains. *Biochemical and Biophysical Research Communication* 408:647-653, 2011.  
**IF: 2.297; Citations: 16**
11. In papillary thyroid carcinoma BRAFV600E is associated with increased expression of the urokinase plasminogen activator and its cognate receptor, but not with disease-free interval.  
S. Ulisse\*, **E. Baldini\***, S. Sorrenti, S. Barollo, N. Prinzi, A. Catania, A. Nesca, L. Gnessi, M.R. Pelizzo, C. Mian, C. De Vito, A. Calvanese, S. Palermo, S. Persechino, E. De Antoni, M. D'Armiento. *Clinical Endocrinology* 77:780-786, 2012.

\*The first two authors provided an equal contribution

**IF:** 3.457; **Citations:** 29

12. Cervical lymph node metastases from thyroid cancer: does thyroglobulin and calcitonin measurement in fine needle aspirates improve the diagnostic value of cytology?  
**E. Baldini**, S. Sorrenti, C. Di Gioia, C. De Vito, A. Antonelli, L. Gnassi, G. Carbotta, E. D'Armiento, P. Miccoli, E. De Antoni, S. Ulisse. *BMC Clinical Pathology* 13:7, 2013.  
**IF:** not available; **Citations:** 25
13. Effects of Ultraviolet Radiation on FRTL-5 Cell Growth and Thyroid-Specific Gene Expression.  
**E. Baldini**, M. D'Armiento, S. Sorrenti, M. Del Sordo, R. Mocini, S. Morrone, L. Gnassi, F. Curcio, S. Ulisse. *Astrobiology* 13:536-542, 2013.  
**IF:** 2.585; **Citations:** 1
14. The dual aurora kinase inhibitor ZM447439 prevents anaplastic thyroid cancer cell growth and tumorigenicity.  
**E. Baldini**, C. Tuccilli, N. Prinzi, S. Sorrenti, A. Antonelli, L. Gnassi, A. Catania, C. Moretti, R. Mocini, G. Carbotta, S. Morrone, S. Persechino, A. Redler, E. De Antoni, M. D'Armiento, S. Ulisse. *Journal of Biological Regulators & Homeostatic Agents* 27:705-715, 2013.  
**IF:** 2.040; **Citations:** 5
15. Prevalence of breast cancer in thyroid diseases: results of a cross-sectional study of 3,921 patients.  
N. Prinzi, **E. Baldini**, S. Sorrenti, C. De Vito, C. Tuccilli, A. Catania, S. Carbotta, R. Mocini, C. Coccaro, A. Nesca, M. Bianchini, E. De Antoni, M. D'Armiento, S. Ulisse. *Breast Cancer Research and Treatment* 144:683-688, 2014.  
**IF:** 4.198; **Citations:** 14
16. Molecular basis of thyrotropin and thyroid hormone action during implantation and early development.  
M. Colicchia, L. Campagnolo, **E. Baldini**, S. Ulisse, H. Valensise, C. Moretti. *Human Reproduction Update* 20:884-904, 2014.  
**IF:** 10.165; **Citations:** 39
17. Emerging molecular markers for the prognosis of differentiated thyroid cancer patients.  
**E. Baldini**, S. Sorrenti, C. Tuccilli, N. Prinzi, C. Coccaro, A. Catania, A. Filippini, M. Bononi, E. De Antoni, M. D'Armiento, S. Ulisse. *International Journal of Surgery* 12(Suppl.1):S52-56, 2014.  
**IF:** 1.650; **Citations:** 10
18. The combination of RAF265, SB590885, ZSTK474 on thyroid cancer cell lines deeply impact on proliferation and MAPK and PI3K/Akt signaling pathways.  
S. Barollo, L. Bertazza, **E. Baldini**, S. Ulisse, E. Cavedon, M. Boscaro, R. Pezzani, C. Mian. *Investigational New Drugs* 32:626-635, 2014.  
**IF:** 2.927; **Citations:** 13
19. Effects of selective inhibitors of Aurora kinases on anaplastic thyroid carcinoma cell lines.  
**E. Baldini**, C. Tuccilli, N. Prinzi, S. Sorrenti, A. Antonelli, L. Gnassi, S. Morrone, C. Moretti, M. Bononi, Y. Arlot-Bonnemains, M. D'Armiento, S. Ulisse. *Endocrine-Related Cancer* 21:797-811, 2014.

**IF: 4.805; Citations: 13**

20. Deregulated expression of Aurora kinases is not a prognostic biomarker in papillary thyroid cancer patients.  
**E. Baldini**, C. Tuccilli, N. Prinzi, S. Sorrenti, L. Falvo, C. De Vito, A. Catania, R. Mocini, C. Coccaro, S. Alessandrini, S. Barollo, C. Mian, A. Antonelli, E. De Antoni, M. D'Armiento, S. Ulisse. *PloS One* 10:e0121514, 2015.  
**IF: 3.234; Citations: 11**
21. Association of thyroid diseases with primary extra-thyroidal malignancies in women: results of a cross-sectional study of 6,386 patients.  
N. Prinzi, S. Sorrenti, **E. Baldini**, C. De Vito, C. Tuccilli, A. Catania, C. Coccaro, M. Bianchini, A. Nesca, G. Grani, R. Mocini, E. De Antoni, M. D'Armiento, S. Ulisse. *PloS One* 10:e0122958, 2015.  
**IF: 3.234; Citations: 8**
22. Papillary thyroid cancer is characterized by the altered expression of genes involved in the sumoylation process.  
C. Tuccilli\*, **E. Baldini\***, S. Sorrenti, C. di Gioia, D. Bosco, V. Ascoli, C. Mian, S. Barollo, R. Rendina, C. Coccaro, M. Pepe, A. Catania, M. Bononi, F. Tartaglia, E. De Antoni, M. D'Armiento, S. Ulisse. *Journal of Biological Regulators & Homeostatic Agents* 29:655-662, 2015.  
\* The first two authors provided an equal contribution  
**IF: 2.040; Citations: 3**
23. Preclinical testing of selective Aurora kinase inhibitors on a medullary thyroid carcinoma derived cell line.  
C. Tuccilli\*, **E. Baldini\***, N. Prinzi, S. Morrone, S. Sorrenti, A. Filippini, A. Catania, S. Alessandrini, R. Rendina, C. Coccaro, M. D'Armiento, S. Ulisse. *Endocrine* 52:287-95, 2016.  
\*The first two authors provided an equal contribution  
**IF: 3.878; Citations: 2**
24. Nodular thyroid disease in the elderly: novel molecular approaches for the diagnosis of malignancy. S. Sorrenti, **E. Baldini**, F. Tartaglia, A. Catania, S. Arcieri, D. Pironi, P.G. Calò, A. Filippini, S. Ulisse. *Aging Clinical and Experimental Research* 29(Suppl 1):7-13, 2017.  
**IF: 2.121; Citations: 5**
25. Deregulated expression of VHL mRNA variants in papillary thyroid cancer.  
**E. Baldini**, C. Tuccilli, Y. Arlot-Bonnemains, F. Chesnel, S. Sorrenti, C. De Vito, A. Catania, E. D'Armiento, A. Antonelli, P. Fallahi, S. Watutantrige-Fernando, F. Tartaglia, S. Barollo, C. Mian, M. Bononi, S. Arcieri, D. Mascagni, M. Vergine, D. Pironi, M. Monti, A. Filippini, S. Ulisse. *Molecular and Cellular Endocrinology* 443:121-127, 2017.  
**IF: 3.563; Citations: 2**
26. Expression and prognostic value of the cell polarity PAR complex members in thyroid cancer.  
C. Tuccilli\*, **E. Baldini\***, Y. Arlot-Bonnemains, F. Chesnel, S. Sorrenti, C. De Vito, E. D'Armiento, A. Antonelli, P. Fallahi, S. Watutantrige, F. Tartaglia, S. Barollo, C. Mian, M. Bononi, S. Arcieri, D. Mascagni, D. Pironi, M. Vergine, M. Monti, A. Filippini, S. Ulisse. *International Journal of Oncology* 50:1413-1422, 2017.  
\* The first two authors provided an equal contribution  
**IF: 3.333; Citations: 1**

27. Thyroid hormone regulates protease expression and activation of Notch signaling in implantation.  
D. Piccirilli\*, **E. Baldini\***, M. Massimiani, A. Camaioni, A. Salustri, R. Bernardini, M. Centanni, S. Ulisse, C. Moretti, L. Campagnolo. *Journal of Endocrinology* 236:1-12, 2018.  
\* The first two authors provided an equal contribution  
**IF: 4.012; Citations: 1**
28. Iodine deficiency in pregnancy: still a health issue for the women of Cassino city.  
C. Tuccilli\*, **E. Baldini\***, E. Truppa, B. D'Auria, D. De Quattro, G. Cacciola, T. Aceti, G. Cirillo, A. Faiola, P. Indigeno, L. D'Aliesio, F. Gazzellone, M. Bononi, E. D'Armiento, G. Carbotta, D. Pironi, A. Catania, S. Sorrenti, S. Ulisse. *Nutrition* 50:60-65, 2018.  
\* The first two authors provided an equal contribution  
**IF: 3.734; Citations: 1**
29. CTLA-4 and PD-1 ligands gene expression in epithelial thyroid cancers.  
C. Tuccilli\*, **E. Baldini\***, S. Sorrenti, A. Catania, A. Antonelli, P. Fallahi, F. Tartaglia, S. Barollo, C. Mian, A. Palmieri, G. Carbotta, S. Arcieri, D. Pironi, M. Vergine, M. Monti, S. Ulisse. *International Journal of Endocrinology*, 2018: 1742951, 2018.  
\* The first two authors provided an equal contribution  
**IF: 2.340; Citations: 0**
30. Thyroid diseases and skin autoimmunity.  
**E. Baldini**, T. Odorisio, C. Tuccilli, S. Persechino, S. Sorrenti, A. Catania, D. Pironi, G. Carbotta, L. Giacomelli, S. Arcieri, M. Vergine, M. Monti, S. Ulisse. *Reviews in Endocrine and Metabolic Disorders* In press, 2018.  
**IF: 4.963; Citations: 0**

## Part IX– Complete list of publications

### Publication on international journals

1. N. Ferri, S. Ulisse, F. Aghini-Lombardi, F.M. Graziano, T. Di Mattia, F.P. Russo, M. Arizzi, **E. Baldini**, P. Trimboli, D. Attanasio, A. Fumarola, A. Pinchera and M. D'Armiento: Iodine supplementation restores fertility of sheep exposed to iodine deficiency. *Journal of Endocrinological Investigation* 26:1081-1087, 2003.
2. P. D'Abrizio, **E. Baldini**, P.F. Russo, L. Biordi, F.M. Graziano, N. Rucci, G. Properzi, S. Francavilla, S. Ulisse: Ontogenesis and cell specific localization of Fas ligand expression in the rat testis. *International Journal of Andrology* 27:1-7, 2004.
3. **E. Baldini**, M. Toller, F.M. Graziano, F.P. Russo, M. Pepe, L. Biordi, E. Marchioni, F. Curcio, S. Ulisse, F.S. Ambesi-Impiombato, M. D'Armiento: Expression of matrix metalloproteinases and their specific inhibitors (TIMPs) in normal and different human thyroid tumor cell lines. *Thyroid* 14:881-888, 2004.
4. S. Ulisse, **E. Baldini**, M. Toller, E. Marchioni, L. Giacomelli, E. De Antoni, E. Ferretti, E. Marzullo, F.M. Graziano, P. Trimboli, L. Biordi, F. Curcio, A. Gulino, F.S. Ambesi-Impiombato, M. D'Armiento: Differential expression of the components of the plasminogen



activating system in human thyroid tumour derived cell lines and papillary carcinomas. *European Journal of Cancer* 42:2631-2638, 2006.

5. S. Ulisse, J-G Delcros, **E. Baldini**, M. Toller, F. Curcio, L. Giacomelli, C. Prigent, F.S. Ambesi-Impiombato, M. D'Armiento, Y. Arlot-Bonnemains: Expression of Aurora kinases in human thyroid carcinoma cell lines and tissues. *International Journal of Cancer* 119:275-282, 2006.
6. S. Ulisse, **E. Baldini**, M. Toller, J-G. Delcros, A. Guého, F. Curcio, E. De Antoni, L. Giacomelli, F.S. Ambesi-Impiombato, S. Bocchini, M. D'Armiento, Y. Arlot-Bonnemains: Transforming Acidic Coiled-Coil 3 and Aurora-A interact in human thyrocytes and their expression is deregulated in thyroid cancer tissues. *Endocrine-Related Cancer* 14:827-837, 2007.
7. Y. Arlot-Bonnemains, **E. Baldini**, B. Martin, JG. Delcros, M. Toller, F. Curcio, F.S. Ambesi-Impiombato, M. D'Armiento, S. Ulisse: Effects of the Aurora kinase inhibitor VX-680 on anaplastic thyroid cancer-derived cell lines. *Endocrine-Related Cancer* 15:559-568, 2008.
8. S. Ulisse, **E. Baldini**, S. Sorrenti, M. D'Armiento: The urokinase plasminogen activator system: a target for anti-cancer therapy. *Current Cancer Drug Targets* 9:32-71, 2009.
9. **E. Baldini**, S. Ulisse, E. Marchioni, A. Di Benedetto, G. Giovannetti, E. Petrangeli, S. Sentinelli, R. Perrone Donnorso, M.G. Reale, M. Mottolese, L. Gandini, A. Lenzi, M. D'Armiento: Expression of Fas and Fas ligand in human testicular germ cell tumors. *International Journal of Andrology* 32:127-130, 2009.
10. S. Ulisse, **E. Baldini**, M. Mottolese, S. Sentinelli, P. Gargiulo, V. Brancato, S. Sorrenti, A. Di Benedetto, E. De Antoni, M. D'Armiento: Increased expression of urokinase plasminogen activator and its cognate receptor in human seminomas. *BMC Cancer* 10:151, 2010.
11. F. Cianfarani\*, **E. Baldini**\*, A. Cavalli, E. Marchioni, L. Lembo, M. Teson, S. Persechino, G. Zambruno, S. Ulisse, T. Odorisio, M. D'Armiento: TSH receptor and thyroid specific genes expression in human skin. *Journal of Investigative Dermatology* 130:93-101, 2010.  
\* The first two authors provided an equal contribution
12. **E. Baldini**, Y. Arlot-Bonnemains, M. Mottolese, S. Sentinelli, B. Antoniani, S. Sorrenti, M. Salducci, E. Comini, S. Ulisse, M. D'Armiento: Deregulation of Aurora kinases genes expression in human testicular germ cell tumors. *Andrologia* 42:260-267, 2010.
13. S. Ulisse, Y. Arlot-Bonnemains, **E. Baldini**, S. Morrone, S. Carocci, L. Di Luigi, M. D'Armiento: Inhibition of the Aurora kinases suppresses *in vitro* NT2-D1 cell growth and tumorigenicity. *Journal of Endocrinology* 204:135-142, 2010.
14. **E. Baldini**, Y. Arlot-Bonnemains, S. Sorrenti, C. Mian, M.R. Pelizzo, E. De Antoni, S. Palermo, S. Morrone, S. Barollo, A. Nesca, C.G. Moretti, M. D'Armiento, S. Ulisse: Aurora kinases are expressed in medullary thyroid carcinoma (MTC) and their inhibition suppresses *in vitro* growth and tumorigenicity of the MTC derived cell line TT. *BMC Cancer* 11:411, 2011.
15. S. Ulisse\*, **E. Baldini**\*, S. Sorrenti, S. Barollo, L. Gnessi, A. Catania, MR Pellizzo, F. Nardi, C. Mian, E. De Antoni, M. D'Armiento, L. Frati: High expression of the urokinase

plasminogen activator and its cognate receptor associates with advanced stages and reduced disease-free interval in papillary thyroid carcinoma. *Journal of Clinical Endocrinology & Metabolism* 96:504-508, 2011.

\* The first two authors provided an equal contribution

16. J.C. Gabillard, S. Ulisse, **E. Baldini**, S. Sorrenti, J.Y. Cremet, C. Coccaro, C. Prigent, M. D'Armiento, Y. Arlot-Bonnemains: Aurora-C interacts with and phosphorylates the transforming acidic coiled-coil 1 protein. *Biochemical and Biophysical Research Communication* 408:647-653, 2011.
17. S. Ulisse\*, **E. Baldini**\*, S. Sorrenti, S. Barollo, N. Prinzi, A. Catania, A. Nesca, L. Gnessi, M.R. Pelizzo, C. Mian, C. De Vito, A. Calvanese, S. Palermo, S. Persechino, E. De Antoni, M. D'Armiento: In papillary thyroid carcinoma BRAF<sup>V600E</sup> is associated with increased expression of the urokinase plasminogen activator and its cognate receptor, but not with disease-free interval. *Clinical Endocrinology* 77:780-786, 2012.  
\* The first two authors provided an equal contribution
18. **E. Baldini**, S. Sorrenti, E. D'Armiento, F.M. Di Matteo, A. Catania, S. Ulisse: The urokinase plasminogen activating system in thyroid cancer: clinical implications. *Giornale di Chirurgia* 33:305-310, 2012.
19. **E. Baldini**, S. Sorrenti, E. D'Armiento, E. Guaitoli, S. Morrone, V. D'Andrea, L. Gnessi, C. Moretti, A. Antonelli, A. Catania, E. De Antoni, S. Ulisse: Effects of the Aurora kinases pan-inhibitor SNS-314 mesylate on anaplastic thyroid cancer derived cell lines. *Clinica Terapeutica* 163:e307-313, 2012.
20. S. Sorrenti, E. Guaitoli, A. Catania, V. D'Andrea, F.M. Di Matteo, M. Nardi, N. Prinzi, F. Nardi, V. Ascoli, **E. Baldini**, S. Ulisse, E. De Antoni: Surgical strategies in patients with medullary thyroid carcinoma. *Clinica Terapeutica* 163:e303-306, 2012.
21. **E. Baldini**, S. Sorrenti, A. Catania, E. Guaitoli, N. Prinzi, R. Mocini, F. Nardi, E. D'Armiento, M. Bianchini, F.M. Di Matteo, M. Ruggieri, E. De Antoni, S. Ulisse: Diagnostic utility of thyroglobulin measurement in the fine needle aspirates from cervical lymph nodes: a case report. *Giornale di Chirurgia* 10:305-310, 2012.
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Euke Baldini