

CURRICULUM VITAE

Name: George Baltatzis

Place of Birth: Athens, Greece

Date of Birth: 12/10/1971

Tel. No: +30694-4303792 (mobile)

e-mail: gbaltatz@med.uoa.gr

Studies:

- **Postdoctoral thesis (2014-2015) entitled:** “The oncogenic role of JunB/CD30 axis and its crosstalks with the kinome in ALK+ anaplastic large cell lymphoma”, funded by the NSRF 2007-2013, ARISTEIA II.
- **Ph. D. Thesis**, thesis entitled “Comparative study of cytoplasmic and membrane proteins of malignant and non-malignant breast tissues” Department of Pathology, Medical School, University of Ioannina, Ioannina, Greece 2005.
- **BSc Molecular Biology**, School of Biological Sciences, University of Portsmouth, United Kingdom, 1993-1996.

Languages: English (native speaker)

Professional Experience

- **2024-to date:** Senior scientific staff member, **Imaging Core Facility, National and Kapodistrian University of Athens, Greece.**
- **2014-2017:** Collaboration with the laboratory of Associate Professor of Experimental Oncology Theocharis Panaretakis, **Cancer Centrum Karolinska, Karolinska Institutet, Stockholm, Sweden.**
- **2010-to date:** Scientific Associate at the **1st Department of Pathology, Medical School, National and Kapodistrian University of Athens, Greece.**
- **2003-2010:** Senior scientist at the **Institute of Biomedical Research and Biotechnology, Athens, Greece.**
- **1GGG-2003:** Research scientist at the **Hellenic Anticancer Institute.**
- **1GG7-1GGG:** Research scientist at the **Department of Electron Microscopy and Cell Biology, Research Centre “G. Papanicolaou”, “St. Savvas”, Anticancer Hospital, Athens, Greece.**

Teaching experience

- **201G - to date:** MSc teaching staff in the Laboratory of Cell Biology and Biophysics, Dept. of Biology, Faculty of Science, National and Kapodistrian University of Athens, entitled: “Bioinformatics-Computational Biology” in the subject “Computational Analysis of Biomacromolecule Structures-Basic Principles of Electron Microscopy”.
- **2013-2017:** MSc Teaching staff on Electron Microscopy Techniques (“Human neoplastic disease: a modern clinicopathological approach and research”, MSc Medical School, National and Kapodistrian University of Athens)
- **2012:** Invited lecture and laboratory training on Electron Microscopy Techniques (“Principles of modern pathology techniques”, 3rd Panhellenic Scientific Congress, Medical School, National and Kapodistrian University of Athens)

Research Interests - projects.

- Developing and establishing the National and Kapodistrian University of Athens (NKUA) Imaging Facility as the leading facility for Electron Microscopy imaging in the region.
- Exosome biology and functionality.
- Renal biopsy biology and electron microscopy techniques, contributing to optimal pathology diagnosis.

Selected EM related publications.

1. **G. E. Baltatzis**, G.E. Voloudakis, N. Arnogianaki, J. Misitzis and I. E. Voloudakis-Baltatzis. Differential diagnosis between Sclerosing Adenosis and Tubular Carcinoma of the breast under Transmission and Scanning Electron Microscope. *Ultrastruct. Pathol.*, 2011, 35(5), 226-229. [DOI: 10.3109/01913123.2011.603460](https://doi.org/10.3109/01913123.2011.603460)
2. Louros NN, Iconomidou VA, Tsiolaki PL, Chrysina ED, **Baltatzis GE**, Patsouris ES, Hamodrakas SJ. An N-terminal pro-atrial natriuretic peptide (NT-proANP) 'aggregation-prone' segment involved in isolated atrial amyloidosis. *FEBS Lett.*, 2014, 3; 588(1):52-7. [DOI: 10.1016/j.febslet.2013.10.049](https://doi.org/10.1016/j.febslet.2013.10.049)
3. Kharaziha, P., Chioureas, D., Rutishauser, D., **Baltatzis, G.**, Lennartsson, L., Fonseca, P., Azimi, A., Hultenby, K., Zubarev, R., Ullén, A., Yachnin, J., Nilsson, S., Panaretakis, T. Molecular profiling of prostate cancer derived exosomes may reveal a predictive signature for response to docetaxel. *Oncotarget*, 2015, 6, 25, 21740-21754. [DOI: 10.18632/oncotarget.3226](https://doi.org/10.18632/oncotarget.3226)
4. Balafa, O., Kalaitzidis, R., Liapis, G., Xiromeriti, S., Zarzoulas, F., **Baltatzis, G.**, Elisaf, M. Crescentic glomerulonephritis and membranous nephropathy: a rare coexistence. *International Urology and Nephrology*, 2015, 47, 8, 1373-1377. [DOI: 10.1007/s11255-015-1031-z](https://doi.org/10.1007/s11255-015-1031-z)
5. Nikolaos N. Louros, Evangelia D. Chrysina, **Georgios E. Baltatzis**, Efstratios S. Patsouris, Stavros J. Hamodrakas and Vassiliki A. Iconomidou. A common "aggregation-prone" interface possibly participates in the self-assembly of human zona pellucida proteins. *FEBS Letters*, 2016, 590(5):619-630. [DOI: 10.1002/1873-3468.12099](https://doi.org/10.1002/1873-3468.12099)
6. Balafa O, Liapis G, Pavlakou P, **Baltatzis G**, Kalaitzidis R, Elisaf M. "Diabetic nephropathy" in a non-diabetic patient. *Pathol Res Pract.*, 2016, 212(12), pp. 1199-1201. [DOI: 10.1016/j.prp.2016.09.018](https://doi.org/10.1016/j.prp.2016.09.018)
7. Rassidakis GZ, Chioureas D., Beck J., **Baltatzis GE.**, Fonseca P., Tsesmetzis N., Vardaki I., Leventaki V., Drakos E., Panaretakis T. Functional interactions of ALK+ Anaplastic Large Cell Lymphoma (ALCL)-derived exosomes, USCAP 106th Annual Meeting, San Antonio, Texas, USA, Laboratory Investigations, 2017, 97(S1), Abstract: 1492, p372A. [DOI: 10.1038/labinvest.2016.172](https://doi.org/10.1038/labinvest.2016.172)
8. Niki Mourtzi, Tania Siahianidou, Margaritis Tsifintaris, Eirini Karamichali, Androniki Tasiopoulou, Amalia Sertedaki, Margarita Pesmatzoglou, Anastasia Kapetanaki, George Liosis, **George Baltatzis**, Dimitrios Vlachakis, George Chrousos and Antonis Giannakakis. LncRNA NORAD is consistently detected in breastmilk exosomes and downregulated in mothers of preterm infants. *International Journal of Molecular Medicine*, December-2021, Volume 48 Issue 6, [DOI: 10.3892/ijmm.2021.5049](https://doi.org/10.3892/ijmm.2021.5049).
- G. Vasiliki Karali, Paraskevi-Evelina Goula, Georgia Patroklou, Elmina-Marina Saitani, **George E. Baltatzis**, Maria-Anna Gatou, Lykourgos C. Kontaxis, Evangelia A. Pavlatou, Stefanos P. Zaoutsos, Ioannis Trougkos, Georgia Valsami, Natassa Pippa, Stergios Pispas. Preparation and evaluation of mixed alginate-cyclodextrin

hydrogels: From physicochemical, thermotropic to swelling characterization.
Colloids and Surfaces A: Physicochemical and Engineering Aspects, Volume 721,
20 September 2025, 137199, [DOI: 10.1016/j.colsurfa.2025.137199](https://doi.org/10.1016/j.colsurfa.2025.137199).