



Curriculum

Vitae

Personal information

Name/Surname Eleni Anastasiadou

Address Department of Experimental Medicine, Viale Regina Elena, 324, 00161, Roma, Italia.

Open Researcher and Contributor ID

orcid.org/0000-0003-0212-6734

Present occupation

Senior Research Associate (Assegnista di ricerca), Sapienza University, Rome, Italy. Department of Experimental Medicine, Laboratory of cellular Biotechnology.

Education and training 2004

Master Degree in Biology, Sapienza University, Rome, Italy.

2009

Ph.D. in Experimental Medicine, Sapienza University, Rome, Italy.

2014

Specialization in Microbiology and Virology, Sapienza University, Rome, Italy.

2019

- National scientific Eligibility for second level university professor (associate professor) in SC **06/A2 General Pathology and Clinical Pathology**, Valid from 10/05/2019 until 10/05/2028.
- National scientific Eligibility for second level university professor (associate professor) in SC **06/N1 Health professions Sciences and applied Medical technologies**, Valid from 06/09/2019 until 06/09/2028.

Research experience

**2018-
present**

Senior Research Associate (Assegnista di ricerca), **Sapienza University, Rome** Department of Experimental Medicine, Laboratory of cellular biotechnology, P.I. Cinzia Marchese. Project: Role of non-coding RNAs in cancer and regenerative medicine.

2014-2018

Senior Research Associate, **BIDMC/Harvard Medical School, Boston, USA** Institute for RNA Medicine, Department of Pathology, P.I. Frank Slack,. Project: Role of miRNAs in cancer.

2010-2014

Research Associate (Assegnista di ricerca), **Sapienza University, Rome** Department of Experimental Medicine, Laboratory of Virology, P.I. Pankaj Trivedi. Project: Regulation of Epstein-Barr virus latency in B cell lymphomas of varied differentiation stages and the role of miRNAs.

2009-2010

Fellowship "BORSE ARIAUDIO" **Sapienza University, Rome** Department

	of Experimental Medicine Rome Laboratory of Virology, P.I. Pankaj Trivedi Project: Cellular microRNA regulation by Epstein-Barr virus encoded genes in diffuse large B cell lymphoma.
2005-2006	Visiting Ph.D. student, NIEHS, Research Triangle Park, North Carolina, USA Laboratory of Molecular Carcinogenesis, Dr. Paul Wade. Project: Molecular Mechanisms of Epstein-Barr virus latency in plasmacytoid cells.
Teaching experience	
2020	Docent of SSD LIN / 12 (in English language) as part of the Integrated Course of Basic Medical Scientific Methodology II (I year II semester), for students of Degree Course in Medicine and surgery "D", Sapienza, University of Rome, for the academic year 2019-2020.
2019	Seminar presentation for 2 nd year students of Degree Course in Medicine and Surgery "F" - International Medical School, Sapienza, University of Rome. Seminar title: The dark side of the genome lightens up new ways to fight cancer. Organizer/Coordinator: Prof. Lucia Stefanini.
2018	Course Instructor for Post-Docs, Faculty, or Staff , Division of Medical Sciences, assignment teaching for Nanocourse Spring 2018: Non-coding RNA and Cancer. Harvard Medical School, Boston, USA.
2011-2013	Docent and coordinator of laboratory exercises for the course: Quantitative evaluation of microRNAs and experimental and diagnostic approaches based on microRNAs. Masters II level. Organizer/coordinator: Prof. Guido Antonelli, Sapienza University, Rome.
Funding	
2009-2010	Responsible for research project, Cellular microRNA regulation by Epstein-Barr virus encoded genes in diffuse large B cell lymphoma. Teresa Ariaudo fellowship by Istituto Pasteur, Rome .
2011-2013	Co-investigator, PRIN 2009. 2009YFL2EK_002 Responsabile: TRIVEDI Pankaj Titolo: "Interazione tra virus di Epstein-Barr e cellula ospite: Regolazione dei micro-RNA cellulari da parte di proteine virali."
2015-2018	Co-investigator, Translational Research program on identification of personalized tumor vaccines and involvement of miRNA in regulation of MUC1, funded by NIH, PI: Avigan, BIDMC and Dana Farber Harvard Cancer Center, Harvard Medical School, Boston, USA.
2015-2017	Co-Principal Investigator, miRagen Therapeutics Inc. Boulder, Colorado, USA. (http://www.miragen.com/), Tumor suppressive effect of a compound MRG-106, an inhibitor of miR-155, in mouse models. PI: Slack, Co-PI: Anastasiadou.
Scientific society memberships	Member of the American Association for Cancer Research (AACR), Member ID 31358. Member of the Società Italiana Ricerca Traslazionale e Professioni Sanitarie–SIRTEPS.
Patent	W02019232160-RNA-AIDED IMMUNOTHERAPEUTICS , International Application No. PCT/US2019/034573 Inventors: Eleni Anastasiadou (Harvard), Frank Slack (Harvard), Pankaj Trivedi (Sapienza). https://patentscope.wipo.int/search/en/detail.jsf?docId=W02019232160&_cid=P12-K87G3Z-72601-1

Editorial board	Associate Editorial Board member of MicroRNA journal, Bentham publications, from August 2017 till present. https://benthamscience.com/journals/micrna/editorial-board/																				
	Guest editor: Frontiers in Cell and Developmental Biology Signalling, Special issue, 2020, Research topic: Targeting Developmental Pathways in Inflammation and Disease. https://www.frontiersin.org/research-topics/13051/targeting-developmental-pathways-in-inflammation-and-disease																				
Reviewer for journals	Reviewer for papers submitted to: Journal of Virology, Oncogene, International Journal of Cancer, International Journal of Molecular Sciences, Cell Cycle, Cells, MiRNA journal, Future Virology, Scientific report, Stem Cells international.																				
Media News	<i>A New Therapeutic Strategy for Cancer</i> The research project coordinated by Sapienza in collaboration with the Beth Israel Deaconess Medical Centre (BIDMC) of the Harvard Medical School, opens a new therapeutic approach to the treatment of tumours caused by infections. https://www.uniroma1.it/en/notizia/new-therapeutic-strategy-cancer Readers' Choice: The Best of Leukemia 2019 <i>Anastasiadou et al., Leukemia, 2019</i> https://www.nature.com/collections/aedecgejeh https://www.nature.com/articles/s41375-018-0178-x																				
Personal skills																					
Mother tongue	Greek																				
Other languages	Italian, English																				
	<table> <tr> <th rowspan="2"></th><th colspan="2">UNDERSTANDING</th><th colspan="2">SPEAKING</th><th rowspan="2">WRITING</th></tr> <tr> <th>Listening</th><th>Reading</th><th>Spoken interaction</th><th>Spoken production</th></tr> <tr> <td>Italian, English</td><td>C2</td><td>C2</td><td>C2</td><td>C2</td><td>C2</td></tr> </table> Levels: A1/A2: Basic user - B1/B2: Independent user - C1/C2 Proficient user Common European Framework of Reference for Languages						UNDERSTANDING		SPEAKING		WRITING	Listening	Reading	Spoken interaction	Spoken production	Italian, English	C2	C2	C2	C2	C2
	UNDERSTANDING		SPEAKING		WRITING																
	Listening	Reading	Spoken interaction	Spoken production																	
Italian, English	C2	C2	C2	C2	C2																
Communication skills	Good communication skills gained through my experience in teaching at Sapienza University in Molecular Virology master courses and several seminars at Department of Experimental Medicine, Rome, Ludwig Cancer Center and Institute for RNA Medicine at Harvard medical School, Boston. I have also participated in international conferences on miRNA and cancer, with oral and poster presentations.																				
Organizational / managerial skills	Over the years, I have trained and supervised undergraduate and graduate students at Sapienza University and at BIDMC Cancer Center, Harvard, towards completion of their research projects. I have excellent skills of organization and management of research projects in collaboration with both national and international research groups.																				
Job-related skills	Excellent skills in Molecular Biology techniques, <i>in vitro</i> : molecular cloning, qRT-PCR, transfections and transductions of DNA and RNA in human and mice derived cancer cell lines. Establishment of lymphoblastoid cell lines (LCLs) from human peripheral blood mononuclear cells (PBMCs).																				

Excellent skills in *in vivo* studies (mice): handling mice colonies, genotyping, subcutaneous, intravenous and intraorbital injections, tumor xenografts measurements.

Digital skills

Office suite (word processor, spread sheet, presentation software), photo editing software gained while preparing scientific articles (Word, Excel, Power Point), Adobe (Photoshop, Illustrator, Reader). Analysis of noncoding RNAs expression in human samples by using data available tools on line: Targetscan, RNA22 v2 microRNA target detection. TANRIC: an open-access resource for interactive exploration of lncRNAs in cancer. Circbase, for exploration of circular RNAs datasets. cBioPortal studies.

Conferences with oral, poster and abstract presentation

Abstract presentation "EBV at the crossroads in MS pathogenesis: Possible role of pDC in persistent viral infection in the central nervous system", at AINI (Associazione Italiana Neuroimmunologia) conference, Naples, Italy. 08/10/2008 -11/10/2008.

-Participation and poster presentation at Tri-Society Annual Conference 2009 of the Society for Leukocyte Biology, International Cytokine Society, & International Society for Interferon and Cytokine Research Cellular and Cytokine Interactions in Health and Disease (Cytokines 2009) 18-21 October 2009 • Lisbon, Portugal, Published in Cytokine Volume 48, Issues 1–2, October–November 2009, Pages 98-99. 18/10/2009-21/10/2009.

-Participation, presentation and round-table discussion: Cytokines and Interferons: From the Bench to the Bedside 9th Joint Meeting of International Cytokine Society and International Society for Interferon and Cytokine Research 9-12 October 2011 • Florence, Italy, "Plasmacytoid Dendritic Cells are infected by Epstein Barr virus and induces TLR dependent type I IFN production" Cytokine Volume 56, Issue 1, October 2011, Page 106 09/10/2011 -12/10/2011.

-Abstract, poster presentation and round table discussion: Differential regulation of mir-21 and miR-146a by Epstein-Barr virus encoded EBNA2. Keystone Symposium, Noncoding RNAs in development and Cancer, Vancouver, Canada. 20/01/2013 -25/01/2013.

-Oral Presentation, RNA Days National Symposium, Department of Biology and Biotechnology, Sapienza University, Rome. Organizer-Prof. Irene Bozzoni. "Epstein-Barr virus alters phenotype of terminally differentiated B cells through miR-21 upregulation". 12/09/2013-13/09/2013.

-Oral presentation, Epstein-Barr virus infection increases miR-21 in multiple myeloma cells at a Mini symposium on microRNA in health and diseases, 27th September 2013, organizers, Prof. Pankaj Trivedi and Prof. Alberto Faggioni, Department of Experimental Medicine, Sapienza University, Rome, Italy. 27/09/2013 -27/09/2013

-Participation and Poster presentation entitled "Epstein-Barr Virus Alters Phenotype of Multiple Myeloma Cells Through Upregulation of miR-21", at Italian Pathology and Translational Medicine Society (SIPMET) YOUNG SCIENTISTS MEETING, Rome, October 23rd-24th, 2013.

-Oral Presentation at Ludwig Cancer Center symposium at Harvard Medical School: Title: MicroRNA based tools for understanding and combating drug resistance in cancer. Harvard Medical School, Boston, USA. 13/03/2015 -13/03/2015.

-Nominated and Invited participant at Aspen Cancer Conference 2015, Colorado, USA. Presentation title: Role of oncogenic microRNAs in diffuse large B cell lymphoma. 12/07/2015-15/07/2015.

-Oral presentation at Ludwig Cancer center symposium, Harvard Medical School. Title: MicroRNA immuno-modulation of PD-L1 in cancer, Boston, USA. 09/11/2015.

-Participation and presentation at the American Society of Hematology conference, San Diego, USA, 3-6 December 2016, MUC1-C Inhibition Leads to Decrease in PD-L1 Levels Via up-Regulation of Micro RNAs. Blood, 128(22), 2871, 03-06/12/2016.

-Participation, poster presentation and round table discussion: MUC1C regulates PDL1 expression in acute myeloid leukemia, via downregulation of miRNAs. Second AACR Conference on Hematologic Malignancies: Translating Discoveries to Novel Therapies; May 6-9, 2017; Boston, MA. 06/05/2017-09/05/2017.

-Oral Presentation: Ludwig Cancer center symposium at Harvard Medical School. Title: MicroRNA immuno-modulation of PD-L1 in hematological malignancies. 05/06/2017.

-Abstract, poster presentation and round table discussion, Epstein-Barr virus encoded EBNA2 alters immune checkpoint PD-L1 expression by downregulating miR-34a in B cell lymphomas. American Association for Cancer Research special conference on Tumor Immunology and Immunotherapy, Boston, USA. 01/10/2017-04/10/2017.

-Keystone Symposium on Noncoding RNAs: form, function, physiology. Keystone, Colorado, Abstract, poster presentation and round-table discussion. 25/02/2018-01/03/2018.

**Workshop
organization**

“Non-coding RNA and Immuno-Oncology Mini-Symposium and Workshop”, Beth Israel Deaconess Medical Center, Harvard Medical School, 29th March 2018. CLS 421, BIDMC; Organizers: Drs. Frank J Slack and Eleni Anastasiadou.

Publications

1. Silverman, Edwin; Schmidt, Harald; **Anastasiadou, Eleni**; Altucci, Lucia; Angelini, Marco; Badimon, Lina; Balligand, Jean-Luc; Benincasa, Giuditta; Capasso, Giovambattista; Conte, Federica; Antonio Ruberti; Di Costanzo, Antonella; Farina, Lorenzo; Fison, Giulia; Antonio Ruberti Gatto, Laurent; Gentili, Michele; Loscalzo, Joseph; Marchese, Cinzia; Napoli, Claudio; Paci, Paola; Petti, Manuela; Quackenbush, John; Tieri, Paolo; Viggiano, Davide; Vilahur, Gemma; Glass, Kimberly; Baumbach, Jan; Molecular Networks in Network Medicine: Development and Applications, *WIREs Systems Biology and Medicine*, Research Manuscript ID: WSBM1489, DOI:10.1002/wsbm. Article accepted for publication: 20 March 2020, **IN PRESS (I.F.:3.542)**.
2. Simona Ceccarelli, Paola Pontecorvi, **Eleni Anastasiadou**, Claudio Napoli and Cinzia Marchese Immunomodulatory effect of adipose-derived stem cells: the cutting edge of clinical application, *Front. Cell Dev. Biol. - Stem Cell*, Research Manuscript ID: 53151320. Article accepted for publication: 20 March 2020, **IN PRESS (I.F.: 5.206)**.
3. Mark E. Pepin, Teresa Infante, Giuditta Benincasa, Concetta Schiano, Marco Micelli, Simona Ceccarelli, Francesca Megiorni, **Eleni Anastasiadou**, Giovanni Della Valle, Gerardo Fatone, Mario Faenza, Ludovico Docimo, Giovanni F Nicoletti, Cinzia Marchese, Adam R. Wende, Claudio Napoli *Differential DNA methylation encodes proliferation and senescence programs in human adipose-derived mesenchymal stem cells. Frontiers in Genetics, section Epigenomics and Epigenetics Manuscript* Research Manuscript ID: 517048. Article accepted for publication: 23 March 2020, **IN PRESS (I.F.: 4.151)**.
4. Segal, M., Biscans, A., Gilles, M.-E., **Anastasiadou, E.**, De Luca, R., Lim, J., Khvorova, A., Slack, F.J. Hydrophobically Modified let-7b miRNA Enhances Biodistribution to NSCLC and Downregulates HMGA2 In Vivo (2020) *Molecular Therapy - Nucleic Acids*, 19, pp. 267-277. DOI: 10.1016/j.omtn.2019.11.008, **I.F.: 5.919, Cited:0**.
5. Raparelli, V., Proietti, M., Lenzi, A., Basili, S., Tiberti, C., Panimolle, F., Isidori, A., Giannetta, E., Napoleone, L., Novo, M., Quattrino, S., Ceccarelli, S., **Anastasiadou, E.**, Marchese, C., Mangieri, E., Tanzilli, G., Viceconte, N., Barillà, F., Gaudio, C., Ettorre, E., Romiti, G.F., Toriello, F., Ruscio, E., Todisco, T., Sperduti, N., Santangelo, G., Visioli, G., Vano, M., Borgi, M., Antonini, L.M., Robuffo, S., Tucci, C., Savoia, M.V., Rossoni, A., Spugnardi, V., Vernile, A., Santoliquido, M., Santori, V., Tosti, G., Recchia, F., Morricone, F., Scacciavillani, R., Lipari, A., Zito, A., Testa, F., Ricci, G., Vellucci, I., Vincenti, M., Pietropaolo, S., Amoroso, D., Stefanini, L., Talerico, G., Pignatelli, P., Bartimoccia, S., Cangemi, R., Minisola, S., Filetti, S., Nocella, C., Pilote, L., Jiri, T.T., Wali, M.A., Kaur, A., Vestri, A.R., Servello, A., Ferroni, P., Crescioli, C., Antinozzi, C., Pignataro, F.S., Bellini, T., Trentini, A., Carnevale, R., Catalano, C., Carbone, I., Galea, N., Bertazzoni, G., Suppa, M., Rosa, A., Scarpellini, M.G., Coppola, A.,

Publications

- Illuminati, G., Mariani, P., Neri, F., Salis, P., Segatori, A., Tellini, L., Costabile, G. Sex and Gender Differences in Ischemic Heart Disease: Endocrine Vascular Disease Approach (EVA) Study Design (2020) *Journal of Cardiovascular Translational Research*, 13 (1), pp. 14-25. DOI: 10.1007/s12265-018-9846-5 **I.F.: 2.352, Cited:0.**
6. Vescarelli, E., Gerini, G., Megiorni, F., **Anastasiadou, E.**, Pontecorvi, P., Solito, L., De Vitis, C., Camero, S., Marchetti, C., Mancini, R., Benedetti Panici, P., Dominici, C., Romano, F., Angeloni, A., Marchese, C., Ceccarelli, S. MiR-200c sensitizes Olaparib-resistant ovarian cancer cells by targeting Neuropilin 1 (2020) *Journal of Experimental and Clinical Cancer Research*, 39 (1), art. no. 3, DOI: 10.1186/s13046-019-14 **I.F.: 5.646, Cited:0.**
7. Mavrikaki, M., Pantano, L., Potter, D., Rogers-Grazado, M.A., **Anastasiadou, E.**, Slack, F.J., Amr, S.S., Ressler, K.J., Daskalakis, N.P., Chartoff, E. Sex-Dependent Changes in miRNA Expression in the Bed Nucleus of the Stria Terminalis Following Stress (2019) *Frontiers in Molecular Neuroscience*, 12, art. no. 236, DOI: 10.3389/fnmol.2019.00236 **I.F.: 3.7, Cited:0.**
8. Nahas, M.R., Stroopinsky, D., Rosenblatt, J., Cole, L., Pyzer, A.R., **Anastasiadou, E.**, Sergeeva, A., Ephraim, A., Washington, A., Orr, S., McMasters, M., Weinstock, M., Jain, S., Leaf, R.K., Ghiasuddin, H., Rahimian, M., Liegel, J., Molldrem, J.J., Slack, F., Kufe, D., Avigan, D. Hypomethylating agent alters the immune microenvironment in acute myeloid leukaemia (AML) and enhances the immunogenicity of a dendritic cell/AML vaccine (2019) *British Journal of Haematology*, 185 (4), pp. 679-690. DOI: 10.1111/bjh.15818 **I.F.: 5.206, Cited:3 times.**
9. Mavrikaki, M., **Anastasiadou, E.**, Ozdemir, R.A., Potter, D., Helmholz, C., Slack, F.J., Chartoff, E.H. Overexpression of miR-9 in the Nucleus Accumbens Increases Oxycodone Self-Administration (2019) *International Journal of Neuropsychopharmacology*, 22 (6), art. no. pyz015, pp. 383-393. DOI: 10.1093/ijnp/pyz015 **I.F.: 4.207, Cited:2 times**
10. **Anastasiadou, E.**, Stroopinsky, D., Alimperti, S., Jiao, A.L., Pyzer, A.R., Cippitelli, C., Pepe, G., Severa, M., Rosenblatt, J., Etna, M.P., Rieger, S., Kempkes, B., Coccia, E.M., Sui, S.J.H., Chen, C.S., Uccini, S., Avigan, D., Faggioni, A., Trivedi, P., Slack, F.J. Epstein–Barr virus-encoded EBNA2 alters immune checkpoint PD-L1 expression by downregulating miR-34a in B-cell lymphomas (2019) *Leukemia*, 33 (1), pp. 132-147. DOI: 10.1038/s41375-018-0178-x **I.F.: 9.944, Cited 20 times.**
11. Raparelli, V., Proietti, M., Romiti, G.F., Lenzi, A., Basili, S., Tiberti, C., Panimolle, F., Isidori, A., Giannetta, E., Venneri, M.A., Napoleone, L.,

Publications

- Novo, M., Quattrino, S., Ceccarelli, S., **Anastasiadou, E.**, Megiorni, F., Marchese, C., Mangieri, E., Tanzilli, G., Viceconte, N., BarillÃ , F., Gaudio, C., Paravati, V., Tellan, G., Ettorre, E., Servello, A., Miraldi, F., Moretti, A., Tanzilli, A., Mazzonna, P., Al Kindy, S., Iorio, R., Di Iorio, M., Petriello, G., GiofrÃ , L., Indolfi, E., Pero, G., Cocco, N., Iannetta, L., Giannuzzi, S., Centaro, E., Sergi, S.C., Romiti, G.F., Toriello, F., Ruscio, E., Todisco, T., Sperduti, N., Santangelo, G., Visioli, G., Vano, M., Borgi, M., Antonini, L.M., Robuffo, S., Tucci, C., Rossoni, A., Spugnardi, V., Vernile, A., Santoliquido, M., Santori, V., Tosti, G., Recchia, F., Morricone, F., Scacciavillani, R., Lipari, A., Zito, A., Testa, F., Ricci, G., Vellucci, I., Vincenti, M., Pietropaolo, S., Scala, C., Rubini, N., Tomassi, M., Amoroso, D., Stefanini, L., Bartimoccia, S., Talerico, G., Pignatelli, P., Cangemi, R., Minisola, S., Morelli, S., Fraioli, A., Nocchi, S., Fontana, M., Filetti, S., Fiorilli, M., Toni, D., Falcou, A., Pilote, L., Jiri, T.T., Wali, M.A., Kaur, A., Elharram, M., Vestri, A.R., Ferroni, P., Crescioli, C., Antinozzi, C., Pignataro, F.S., Bellini, T., Trentini, A., Carnevale, R., Nocella, C., Catalano, C., Carbone, I., Galea, N., Bertazzoni, G., Suppa, M., Rosa, A., Galardo, G., Alessandroni, M., Cipollone, L., Coppola, A., Palladino, M., Illuminati, G., Consorti, F., Mariani, P., Neri, F., Salis, P., Segatori, A., Tellini, L., Costabile, G. The sex-specific detrimental effect of diabetes and gender-related factors on pre-admission medication adherence among patients hospitalized for ischemic heart disease: Insights from EVA study (2019) *Frontiers in Endocrinology*, 10 (FEB), art. no. 107, DOI: 10.3389/fendo.2019.00107 **I.F.: 3.364, Cited 1 time.**
12. Trivedi, P., Slack, F., **Anastasiadou, E.** Epstein-Barr virus: From kisses to cancer, an ingenious immune evader (2018) *Oncotarget*, 9 (92), pp. 36411-36412. DOI: 10.18632/oncotarget.26381 **I.F.: 3.71, Cited 1 time.**
13. Di Marco, M., Ramassone, A., Pagotto, S., **Anastasiadou, E.**, Veronese, A., Visone, R. MicroRNAs in autoimmunity and hematological malignancies (2018) *International Journal of Molecular Sciences*, 19 (10), art. no. 3139, DOI: 10.3390/ijms19103139 **I.F.: 4.183, Cited 4 times.**
14. Stroopinsky, D., Rajabi, H., Nahas, M., Rosenblatt, J., Rahimian, M., Pyzer, A., Tagde, A., Kharbanda, A., Jain, S., Kufe, T., Leaf, R.K., **Anastasiadou, E.**, Bar-Natan, M., Orr, S., Coll, M.D., Palmer, K., Ephraim, A., Cole, L., Washington, A., Kufe, D., Avigan, D. MUC1-C drives myeloid leukaemogenesis and resistance to treatment by a survivin-mediated mechanism (2018) *Journal of Cellular and Molecular Medicine*, 22 (8), pp. 3887-3898. DOI: 10.1111/jcmm.13662 **I.F.: 4.658, Cited 3 times.**
15. **Anastasiadou, E.**, Faggioni, A., Trivedi, P., Slack, F.J. The nefarious nexus of noncoding RNAs in cancer (2018) *International Journal of*

Publications

Molecular Sciences, 19 (7), art. no. 2072, . Cited 17 times. DOI: 10.3390/ijms19072072 **I.F.: 4.183, Cited 17 times.**

16. Ayoubian, H., Ludwig, N., Fehlmann, T., Menegatti, J., Gröger, L., **Anastasiadou, E.**, Trivedi, P., Keller, A., Meese, E., Grässer, F.A. Epstein-Barr virus infection of cell lines derived from diffuse large B-cell lymphomas alters microRNA loading of the AGO2 complex (2018) Journal of Virology, 93 (3), art. no. e01297-18, DOI: 10.1128/JVI.01297-18 **I.F.: 4.01, Cited 2 times.**

17. Etna, M.P., Sinigaglia, A., Grassi, A., Giacomini, E., Romagnoli, A., Pardini, M., Severa, M., Cruciani, M., Rizzo, F., **Anastasiadou, E.**, Di Camillo, B., Barzon, L., Fimia, G.M., Manganelli, R., Coccia, E.M. Mycobacterium tuberculosis-induced miR-155 subverts autophagy by targeting ATG3 in human dendritic cells (2018) PLoS Pathogens, 14 (1), art. no. e1006790, DOI: 10.1371/journal.ppat.1006790 **I.F.: 6.463, Cited 29 times.**

18. **Anastasiadou, E.**, Jacob, L.S., Slack, F.J. Non-coding RNA networks in cancer (2017) Nature Reviews Cancer, 18 (1), pp. 5-18. DOI: 10.1038/nrc.2017.99 **I.F.: 51.848, Cited 218 times.**

19. Pyzer, A.R., Stroopinsky, D., Rosenblatt, J., **Anastasiadou, E.**, Rajabi, H., Washington, A., Tagde, A., Chu, J.-H., Coll, M., Jiao, A.L., Tsai, L.T., Tenen, D.E., Cole, L., Palmer, K., Ephraim, A., Leaf, R.K., Nahas, M., Apel, A., Bar-Natan, M., Jain, S., Mcmasters, M., Mendez, L., Arnason, J., Raby, B.A., Slack, F., Kufe, D., Avigan, D. MUC1 inhibition leads to decrease in PD-L1 levels via upregulation of miRNAs. (2017) Leukemia, 31 (12), pp. 2780-2790. DOI: 10.1038/leu.2017.163 **I.F.: 9.944, Cited 25 times.**

20. Chiara, M., Manzari, C., Lionetti, C., Mechelli, R., **Anastasiadou, E.**, Buscarinu, M.C., Ristori, G., Salvetti, M., Picardi, E., D'Erchia, A.M., Pesole, G., Horner, D.S. Geographic population structure in Epstein-Barr virus revealed by comparative genomics (2016) Genome Biology and Evolution, 8 (11), pp. 3284-3291. DOI: 10.1093/gbe/evw226 **I.F.: 3.726, Cited 10 times.**

21. Adams, B.D., **Anastasiadou, E.**, Esteller, M., He, L., Slack, F.J. The inescapable influence of noncoding RNAs in cancer (2015) Cancer Research, 75 (24), pp. 5206-5210. DOI: 10.1158/0008-5472.CAN-15-1989 **I.F.: 8.378, Cited 26 times.**

22. Veroni, C., Marnetto, F., Granieri, L., Bertolotto, A., Ballerini, C., Repice,

Publications

- A.M., Schirru, L., Coghe, G.,occo, E., **Anastasiadou, E.**, Puopolo, M., Aloisi, F. Immune and Epstein-Barr virus gene expression in cerebrospinal fluid and peripheral blood mononuclear cells from patients with relapsing-remitting multiple sclerosis (2015) *Journal of Neuroinflammation*, 12 (1), art. no. 132, DOI: 10.1186/s12974-015-0353-1 **I.F.: 5.700, Cited 14 times.**
23. **Anastasiadou, E.**, Garg, N., Bigi, R., Yadav, S., Campese, A.F., Lapenta, C., Spada, M., Cuomo, L., Botta, A., Belardelli, F., Frati, L., Ferretti, E., Faggioni, A., Trivedi, P. Epstein-Barr virus infection induces miR-21 in terminally differentiated malignant B cells (2015) *International Journal of Cancer* 137 (6), 1491-7 DOI: 10.1002/ijc.29489, **I.F.: 4.982, Cited 22 times.**
24. **Anastasiadou, E.**, Slack, F.J. Malicious exosomes (2014) *Science*, 346 (6216), pp. 1459-1460. DOI: 10.1126/science.aaa4024 **I.F.: 41.063, Cited: 35 times.**
25. Di Napoli, A., Al-Jadiri, M.F., Talerico, C., Duranti, E., Pillozzi, E., Trivedi, P., **Anastasiadou, E.**, Alsaadawi, A.R., Al-Darraj, A.F., Al-Hadad, S.A., Testi, A.M., Uccini, S., Ruco, L. Epstein-Barr virus (EBV) positive classical Hodgkin lymphoma of Iraqi children: An immunophenotypic and molecular characterization of Hodgkin/Reed-Sternberg cells (2013) *Pediatric Blood and Cancer*, 60 (12), pp. 2068-2072. Cited 18 times. DOI: 10.1002/pbc.24654 **I.F.: 2.486, Cited 18 times.**
26. Severa, M., Giacomini, E., Gafa, V., **Anastasiadou, E.**, Rizzo, F., Corazzari, M., Romagnoli, A., Trivedi, P., Fimia, G.M., Coccia, E.M. EBV stimulates TLR- and autophagy-dependent pathways and impairs maturation in plasmacytoid dendritic cells: Implications for viral immune escape (2013) *European Journal of Immunology*, 43 (1), pp. 147-158. Cited 53 times. DOI: 10.1002/eji.201242552 **I.F.: 4.695, Cited 53 times.**
27. Rosato, P., **Anastasiadou, E.**, Garg, N., Lenze, D., Boccellato, F., Vincenti, S., Severa, M., Coccia, E.M., Bigi, R., Cirone, M., Ferretti, E., Campese, A.F., Hummel, M., Frati, L., Presutti, C., Faggioni, A., Trivedi, P. Differential regulation of miR-21 and miR-146a by Epstein-Barr virus-encoded EBNA2 (2012) *Leukemia*, 26 (11), pp. 2343-2352. DOI: 10.1038/leu.2012.108 **I.F.: 9.944, Cited 56 times.**
28. **Anastasiadou, E.**, Boccellato, F., Vincenti, S., Rosato, P., Bozzoni, I., Frati, L., Faggioni, A., Presutti, C., Trivedi, P. Epstein-Barr virus encoded LMP1 downregulates TCL1 oncogene through miR-29b (2010) *Oncogene*, 29 (9), pp. 1316-1328. DOI: 10.1038/onc.2009.439 **I.F.: 6.634, Cited 43 times.**

Publications

29. **Anastasiadou, E.**, Vaeth, S., Cuomo, L., Boccellato, F., Vincenti, S., Cirone, M., Presutti, C., Junker, S., Winberg, G., Frati, L., Wade, P.A., Faggioni, A., Trivedi, P. Epstein-Barr virus infection leads to partial phenotypic reversion of terminally differentiated malignant B cells (2009) Cancer Letters, 284 (2), pp. 165-174. DOI: 10.1016/j.canlet.2009.04.025 **I.F.: 6.508, Cited 20 times.**
30. Boccellato, F., **Anastasiadou, E.**, Rosato, P., Kempkes, B., Frati, L., Faggioni, A., Trivedi, P. EBNA2 interferes with the germinal center phenotype by downregulating BCL6 and TCL1 in non-Hodgkin's lymphoma cells (2007) Journal of Virology, 81 (5), pp. 2274-2282. DOI: 10.1128/JVI.01822-06 **I.F.: 4.01, Cited 24 times.**
31. **Anastasiadou, E.**, Boccellato, F., Cirone, M., Kis, L.L., Klein, E., Frati, L., Faggioni, A., Trivedi, P. Epigenetic mechanisms do not control viral latency III in primary effusion lymphoma cells infected (2005) Leukemia, 19 (10), pp. 1854-1856. DOI: 10.1038/sj.leu.2403895 **I.F.: 9.944, Cited 5 times.**
32. Trivedi, P., Takazawa, K., Zompetta, C., Cuomo, L., **Anastasiadou, E.**, Carbone, A., Uccini, S., Belardelli, F., Takada, K., Frati, L., Faggioni, A. Infection of HHV-8+ primary effusion lymphoma cells with a recombinant Epstein-Barr virus leads to restricted EBV latency, altered phenotype, and increased tumorigenicity without affecting TCL1 expression. (2004) Blood, 103 (1), pp. 313-316. DOI: 10.1182/blood-2003-05 **I.F.: 16.601, Cited 38 times.**

URL of publications

<https://www.ncbi.nlm.nih.gov/myncbi/1je1d-6i94k5i/bibliography/public/>

SYNOPSIS

Latest parameters according to SCOPUS:

<https://www.scopus.com/authid/detail.uri?authorId=8968408000>

- Documents by author, (Number of articles): **29**
- Total citations: **696**
- Total h-index: **15**
- Average number of citations: $(696/29)=24$
- Total «impact factor», (2018/2019)= **247.646**
- Average «impact factor» for article (2018/2019): $(247.646/29)=8.54$

Autorizzo il trattamento dei dati personali contenuti nel mio curriculum vitae in base all'art. 13 del D. Lgs. 196/2003 e all'art. 13 GDPR 679/16.

DATA:1-4-2020

Eleni Anastasiadou