

Τίτλος:

Δρ ΚΟΥΡΤΗ ΝΕΛΛΗ (ΑΝΑΣΤΑΣΙΑ ΕΛΛΗ), βιολόγος

Διευθύντρια Βιοχημικού Τμήματος

Σπουδές-Προϋπηρεσία:

Σπουδές:

1976-1980	Πτυχίο Βιολογίας, Πανεπιστήμιο Αθηνών, βαθμός «άριστα»
1981-1986	Διδακτορική Διατριβή, Βιολογικό Τμήμα, Πανεπιστήμιο Αθηνών, Τίτλος: "Μελέτη των ενζύμων μεταβολισμού του πολυ(Α) σε λεμφοκύτταρα ενεργοποιημένα με φυτοαιμοσυγκολλητίνη", βαθμός «άριστα»

Θέσεις:

1980-2005	Ερευνήτρια στο Τμήμα Βιοχημείας του Ερευνητικού Κέντρου «Γ. Παπανικολάου» του Νοσοκομείου «Ο Άγιος Σάββας»
1987-1988	Post-doc: Institut für Physiologische Chemie, Johannes Gutenberg Universität, Mainz (Prof. Mueller), Γερμανία
2003-2004	Λέκτορας ΠΔ407/80: Μάθημα «Βιολογία», Ιατρική Σχολή, Δημοκρίτειο Πανεπιστήμιο Θράκης
2005-2010	Υπεύθυνη στο Τμήμα Βιοχημείας και Μοριακής Βιολογίας του Ερευνητικού Κέντρου «Γ. Παπανικολάου» του Νοσοκομείου «Ο Άγιος Σάββας»
2010-2019	Βιοχημικό Τμήμα του Νοσοκομείου «Ο Άγιος Σάββας»
2019-	Διευθύντρια Βιοχημικού Τμήματος του Νοσοκομείου «Ο Άγιος Σάββας»

Διακρίσεις:

- 1) Υποτροφία Βιολογικού Τμήματος Πανεπιστημίου Αθηνών, 1977
- 2) Υποτροφία Βιολογικού Τμήματος Πανεπιστημίου Αθηνών, 1978
- 3) Υποτροφία Yamagiwa-Yoshida Memorial International Cancer Study Grant of UICC (International Union against Cancer), 1987
- 4) Υποτροφία FEBS (Federation of European Biochemical Societies), 1988

Γλώσσες:

Αγγλικά (Proficiency Cambridge), Γαλλικά (Diplôme d'études supérieures), Γερμανικά (Oberstufe)

Μέλος σε ιατρικούς Συλλόγους –Εταιρίες:

Πανελλήνια Ένωση Βιολόγων

Τομείς ενδιαφέροντος:

Κυριότερες Δημοσιεύσεις:

1. Tsiapalis, C.M., Ioannides, C., Trangas, T., Courtis, N., Pangalis, G.A., Cosmides, H.V., and Papamichail, M. (1982) Poly(A)-polymerase and poly(A)-nuclease levels in human leukemias. *In* Advances in comparative leukemia research (Yohn, D.S. and Blakeslee, J.R., Eds) Elsevier Biomedical, New York, pp.343-344
2. Tsiapalis, C.M., Trangas, T., Ioannides, C., Courtis, N., Pangalis, G.A., Cosmides, H.V., and Papamichail, M. (1983) Poly(A)-polymerase and poly(A)-nuclease levels in human acute and chronic leukemic cells. *In* Biochemical and biological markers of neoplastic transformation (Chandra P., Ed) Plenum Press, New York, pp.233-241
3. Papamichail, M., Trangas, T., Courtis, N., Ioannides, C., Cosmides, H.V., Pangalis, G.A., and Tsiapalis, C.M. (1983) Poly(A)-polymerase levels in leukemia. *Haematol. Bluttrasfus.* 28, 28-29
4. Trangas, T., Courtis, N., Pangalis, G.A., Cosmides, H.V., Ioannides, C., Papamichail, M. and Tsiapalis, C.M. (1984) Poly(adenylic acid) polymerase activity in normal and leukemic human lymphocytes. *Cancer Res.* 44, 3691-3697
5. Courtis, N., Trangas, T., and Tsiapalis, C.M. (1987) Increase in the levels of activity of polyadenylic acid metabolizing enzymes following phytohaemagglutinin stimulation of human lymphocytes. *Mol. Cell. Biochem.* 75, 33-42
6. Perez, S., Courtis, N., Kokkinopoulos, D., Papamichail, M., Tsiapalis, C.M. and Trangas, T. (1987) A colorimetric assay for the determination of 5' nucleotidase activity. *J. Immun. Meth.* 101(1), 73-78
7. Tsiapalis, C.M., Trangas, T., Courtis, N., Gounaris, A., Kazazoglou, T., Garyfallides, S., and Havredaki, M. (1987) Molecular aspects of cell differentiation at the level of messenger polyadenylation-deadenylation. *Prog. Clin. Biol. Res.* 259, 27-39
8. Gounaris, A., Courtis, N., Pangalis, G.A., Tsiapalis, C.M., and Trangas, T. (1988) Relation between the activities of poly(A)-polymerase and the levels of protein synthesis in the lymphocytes of patients with chronic lymphocytic leukemia. *Blut* 57(5), 293-296
9. Trangas, T., Courtis, N., Gounaris, A., Papamichail, M., Kokkinopoulos, D., Perez, S., Tsiapalis, C.M., and Pangalis, G.A. (1989) Patterns of adenosine deaminase, ecto-5'-nucleotidase, poly(A)-polymerase and surface light chain expression in chronic lymphocytic leukemias. *Blut* 58(4), 187-193
10. Courtis, N., Trangas, T., Pangalis, G.A., and Tsiapalis, C.M. (1989) Correlation of poly(A)-polymerase and adenosine deaminase activity levels with effects of coformycin and 2'-deoxycorformycin in cultured lymphocytes from patients with B- chronic lymphocytic leukemia. *Clin. Chem. Enzym. Commun.* 1, 171-175
11. Mueller, W.E.G., Wenger, R., Bachmann, M., Ugarcovic, D., Courtis, N., and Schroeder, H.C. (1989) Poly(A) metabolism and aging: a current view. *Arch. Gerontol. Geriatr.* 9(3), 231-250

12. Ioannides, P., Havredaki, M., Courtis, N., and Trangas, T. (1996) *In vivo* generation of 3' and 5' truncated species in the process of *c-myc* mRNA decay. *Nucleic Acids Res.* 24, 4969-4977
13. Scorilas, A., Courtis, N., Yotis, J., Talieri, M., Michailakis, M., and Trangas T. (1998) Poly(A)polymerase activity levels in breast tumor cytosols. *J. Exp. Clin. Cancer Res.* 17(4), 511-518
14. Ioannides, P., Courtis, N., Havredaki, M., Michailakis, M., Tsiapalis, C.M., and Trangas, T. (1999) The polyadenylation inhibitor cordycepin (3'dA) causes a decline in *c-myc* mRNA levels without affecting *c-MYC* protein levels. *Oncogene* 18(1), 117-125
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16. Samiotaki, M., Balatsos, N., Courtis, N., and Tsiapalis, C.M. (2000) Assignment of the 160 kDa subunit of Cleavage and Polyadenylation Specificity Factor (CPSF1) to human chromosome 8q24.23 by radiation hybrid mapping. *Cytogenet. Cell Genet.* 90, 234-5
17. Samiotaki, M., Balatsos, N., Courtis, N., and Tsiapalis, C.M. (2000) Assignment of the 100 kDa subunit of Cleavage and Polyadenylation Specificity Factor (CPSF2) to human chromosome 14q31.3 by radiation hybrid mapping. *Cytogenet. Cell Genet.* 90, 328-9
18. Lallas, G.C., Courtis, N., and Havredaki M. (2004) K562 cell sensitization to 5-fluorouracil or interferon- α induced apoptosis via cordycepin (3'-deoxyadenosine): fine control of cell apoptosis via poly(A) polymerase up-regulation. *Int J Biol Markers* 19(1), 58-66
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20. Dimitriadis E, Trangas T, Milatos S, Foukas PG, Gioulbasanis I, Courtis N, Nielsen FC, Pandis N, Dafni U, Bardi G, Ioannidis P. (2007) Expression of oncofetal RNA binding protein CRD-BP/IMP1 predicts clinical outcome in colon cancer. *Int J Cancer* 121:486-94.
21. Rapti A, Trangas T, Samiotaki M, Ioannidis P, Dimitriadis E, Meristoudis C, Veletza S, Courtis N. (2010) The structure of the 5'-untranslated region of mammalian poly(A) polymerase- α mRNA suggests a mechanism of translational regulation. *Mol Cell Biochem* 340(1-2):91-6
22. Meristoudis C, Trangas T, Lambrianidou A, Papadopoulos V, Dimitriadis E, Courtis N, Ioannidis (2015) Systematic analysis of the contribution of *c-myc* mRNA constituents upon cap and IRES mediated translation *Biol Chem* 396(12):1301-1

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