

## ΣΥΝΤΟΜΟ ΒΙΟΓΡΑΦΙΚΟ ΣΗΜΕΙΩΜΑ

<b>Επώνυμο</b>	Κωσταρά
<b>Όνομα</b>	Χριστίνα
<b>Διεύθυνση Εργασίας</b>	Επιστημονικός Συνεργάτης, Εργαστήριο Κλινικής Χημείας, Τμήμα Ιατρικής, Σχολή Επιστημών Υγείας, Πανεπιστήμιο Ιωαννίνων, 45110, Ιωάννινα
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### **Τίτλοι σπουδών**

<b>Σε εξέλιξη</b>	Επί πτυχίω φοιτήτρια Τμήματος Ιατρικής, Σχολή Επιστημών Υγείας, Πανεπιστήμιο Ιωαννίνων
<b>Απρίλιος 2018</b>	Μεταπτυχιακό Δίπλωμα Ειδίκευσης, ΔΠΜΣ Ιατρική Χημεία, Τμήμα Χημείας, Σχολή Θετικών Επιστημών, Πανεπιστήμιο Ιωαννίνων.
<b>Δεκέμβριος 2007</b>	Διδακτορικό Δίπλωμα στο Γνωστικό Αντικείμενο της Κλινικής Χημείας, Εργαστήριο Κλινικής Χημείας, Τμήμα Ιατρικής, Σχολή Επιστημών Υγείας, Πανεπιστήμιο Ιωαννίνων.
<b>Ιούλιος 2003</b>	Πτυχίο Χημείας, Τμήμα Χημείας, Σχολή Θετικών Επιστημών, Πανεπιστήμιο Ιωαννίνων.

### **Ερευνητικά Ενδιαφέροντα**

Διερεύνηση των μηχανισμών παθολογικών καταστάσεων μέσω της συνολικής ανάλυσης του λιπιδικού προφίλ (Lipidomics) των βιολογικών συστημάτων (βιολογικά υγρά, ιστοί και κύτταρα) στα πλαίσια του γενικότερου ερευνητικού πεδίου της Μεταβονομικής (Metabonomics) με Φασματοσκοπία Πυρηνικού Μαγνητικού Συντονισμού (Nuclear Magnetic Resonance spectroscopy).

### **Επιστημονικές Εργασίες**

32	Δημοσιεύσεις σε Διεθνή Περιοδικά μετά από Κρίση
1	Κεφάλαιο σε Ξενόγλωσσο Βιβλίο
142	Ανακοινώσεις σε Διεθνή και Ελληνικά Συνέδρια

**Αναφορές:** 1018, **h-index:** 18 (Google Scholar, 12/2022)

### Δημοσιεύσεις σε Διεθνή Περιοδικά

1. Spanou L, Dimou A, **Kostara CE**, Bairaktari E, Anastasiou E, Tsimihodimos V. A Study of the Metabolic Pathways Affected by Gestational Diabetes Mellitus: Comparison with Type 2 Diabetes. *Diagnostics (Basel)*. 2022;12(11):2881.
2. Kordias D, **Kostara CE**, Papadaki S, Verigos J, Bairaktari E, Magklara A. Omics Analysis of Chemoresistant Triple Negative Breast Cancer Cells Reveals Novel Metabolic Vulnerabilities. *Cells*. 2022; 11(17): 2719.
3. Pappa E, **Kostara C**, Bairaktari E, Arvaniti E, Tsimihodimos V. Effect of fixed-dose combination of insulin degludec and liraglutide on apoB-containing lipoprotein subclasses and HDL lipidome in type 2 diabetes. *J Diabetes Complications*. 2022; 36(10): 108286.
4. **Kostara CE**, Karakitsou KS, Florentin M, Bairaktari ET, Tsimihodimos V. Progressive, Qualitative, and Quantitative Alterations in HDL Lipidome from Healthy Subjects to Patients with Prediabetes and Type 2 Diabetes. *Metabolites*. 2022; 12(8): 683.
5. Kosmas CE, Sourlas A, Guzman E, **Kostara CE**. Environmental Factors Modifying HDL Functionality. *Curr Med Chem*. 2022; 29(10): 1687-1701.
6. **Kostara CE**, Tsiafoulis CG, Bairaktari ET, Tsimihodimos V. Altered RBC membrane lipidome: A possible etiopathogenic link for the microvascular impairment in Type 2 diabetes. *J Diabetes Complications*. 2021; 35(10): 107998.
7. Kuusisto S, **Kostara C**, Kangas AJ, Perola M, Salomaa V, Kettunen J, Ala-Korpela M. HDL-Mediated Cholesterol Efflux Associates with Incident Kidney Disease. *Clin Chem*. 2021; 67(4): 689-691.
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10. S Kartsoli, **CE Kostara**, V Tsimihodimos, ET Bairaktari, DK Christodoulou. Lipidomics in non-alcoholic fatty liver disease. *World J Hepatol* 2020; 12: 436-450.
11. Pappa E, Elisaf M, **Kostara C**, Bairaktari E, Tsimihodimos V. Cardioprotective Properties of Hdl: Structural And Functional Considerations. *Curr Med Chem*. 2020; 27: 2964-2978.
12. **Kostara CE**, Lekkas P, Vezyraki P, Angelidis C, Deligiannis IK, Bairaktari ET, Kalfakakou V. Lipidome of plasma lipoproteins and liver is zinc- modulated in High fat diet treated mice. *J Trace Elem Med Biol*. 2018; 50: 268-275.
13. Tzavella E, Hatzimichael E, **Kostara C**, Bairaktari E, Elisaf M, Tsimihodimos V. Sitosterolemia: A multifaceted metabolic disorder with important clinical consequences. *J Clin Lipidol*. 2017; 11: 1095-1100.
14. **Kostara CE**, Tsimihodimos V, Elisaf MS, Bairaktari ET. NMR-Based Lipid Profiling of High Density Lipoprotein Particles in Healthy Subjects with Low, Normal, and Elevated HDL-Cholesterol. *J Proteome Res*. 2017; 16: 1605-1616.

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17. Kouvelos GN, Arnaoutoglou EM, Matsagkas MI, **Kostara C**, Gartzonika C, Bairaktari ET, Milionis HJ. Effects of Rosuvastatin With or Without Ezetimibe on Clinical Outcomes in Patients Undergoing Elective Vascular Surgery: Results of a Pilot Study. *J Cardiovasc Pharmacol Ther* 2013; 18: 5-12.
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19. Tzovaras V, Tsimihodimos V, **Kostara C**, Mitrogianni Z, Elisaf M. Aminoglycoside-induced nephrotoxicity studied by proton magnetic resonance spectroscopy of urine. *Nephrol Dial Transplant* 2011; 26: 3219-3224.
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#### Κεφάλαιο σε Βιβλίο

1.	<b>Kostara CE</b> , Bairaktari ET. "Lipid profiling in health and disease" in "Methodologies for Metabolomics: Experimental Strategies and Techniques". Lutz N, Sweedler J and Wevers RA, Eds., Cambridge University Press, 2012, p.317-332 . ISBN: 9780521765909
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