

Curriculum Vitae

Katayoun Pourvali

Assistant Professor at Cellular and Molecular Nutrition Department , Faculty of Nutrition Sciences and Food Technology, National Nutrition and Food Technology Research Institute, Shahid Beheshti University of Medical Sciences, Tehran, Iran (2012- Present)

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Research Interests

- Cancer
- Aging
- Micronutrients
- Epigenetics

Teaching

- English for Nutrition Students
- Medical Terminology
- Nutrition Fundamentals
- Cellular and Molecular Nutrition

Publications:

1. **Pourvali K**, Shimi G, Ghorbani A, Shakery A, Shirazi FH, Zand H. *Selective thyroid hormone receptor beta agonist, GC-1, is capable to reduce growth of colorectal tumor in syngeneic mouse models*. J Recept Signal Transduct Res. 2022 Apr 27;1-8. doi: 10.1080/10799893.2022.2032748. Epub ahead of print. PMID: 35473566.
2. Poursoleiman, F., Zand, H., Pourbadie, H.G. Monji H. **Pourvali K***. *Anti-mullerian hormone attenuates insulin resistance and systemic inflammation in old obese C57BL/6 male mice*. J Diabetes Metab Disord 20, 1697–1704 (2021). <https://doi.org/10.1007/s40200-021-00925-w>
3. Ghazaleh Shimi, Hamid Zand*, **Katayoun Pourvali**, Arman Ghorbani. *Colorectal cancer causes alteration of thyroid hormone profile in newly diagnosed patients*. Expert Review of Endocrinology & Metabolism, 2021 Aug 18;1-4. DOI: 10.1080/17446651.2021.1967744
4. Ghazaleh Shimi, Golbon Sohrab, **Katayoun Pourvali**, Arman Ghorbani, Farinaz Hosseini Balam, Khalil Rostami, Hamid Zand*, *Correlation of Low Levels of α -1 Antitrypsin and Elevation of Neutrophil to Lymphocyte Ratio with Higher Mortality in Severe COVID-19 Patients*, Mediators of Inflammation, vol. 2021, Article ID 5555619, 7 pages, 2021. <https://doi.org/10.1155/2021/5555619>
5. **Pourvali, K***, Monji, H. *Obesity and intestinal stem cell susceptibility to carcinogenesis*. Nutr Metab (Lond) 18, 37 (2021). <https://doi.org/10.1186/s12986-021-00567-y>

6. Yari Z, Behrouz V, Zand H, **Pourvali K**. *New Insight into Diabetes Management: from Glycemic Index to Dietary Insulin Index*. *Curr Diabetes Rev*. 2019 Jun 14. doi: 10.2174/1573399815666190614122626. [Epub ahead of print].
7. Mehrnaz Abbasi, Maryam S Daneshpour, Mehdi Hedayati, Azadeh Mottaghi*, **Katayoun Pourvali***, Fereidoun Azizi. *Dietary Total Antioxidant Capacity and the Risk of Chronic Kidney Disease in Patients with Type 2 Diabetes: A Nested Case-Control Study in the Tehran Lipid Glucose Study*. *Journal of Renal Nutrition*. 2019 Jan 29. pii: S1051-2276(18)30277-2. doi: 10.1053/j.jrn.2018.11.008. (IF 2017: 2.65)
8. Shakery A1, **Pourvali K**, Ghorbani A, Fereidani SS, Zand H*. *Beta-Hydroxybutyrate Promotes Proliferation, Migration and Stemness in a Subpopulation of 5FU Treated SW480 Cells: Evidence for Metabolic Plasticity in Colon Cancer*. *Asian Pac J Cancer Prev*. 2018 Nov 29;19(11):3287-3294. Doi: 10.31557/APJCP.2018.19.11.3287
9. Sedaghat F, Cheraghpour M, Hosseini SA, **Pourvali K**, Toolabi LT, Mehrtash A, Talaei R, Zand H*. *Hypomethylation of NANOG promoter in colonic mucosal cells of obese patients: a possible role of NF- κ B*. *British Journal of Nutrition*, 122(5), 499-508. doi:10.1017/S000711451800212X
10. Mehrnaz Abbasi, Maryam S. Daneshpour, Mehdi Hedayati, Azadeh Mottaghi*, **Katayoun Pourvali***, Fereidoun Azizi. *The relationship between MnSOD Val16Ala gene polymorphism and the level of serum total antioxidant capacity with the risk of chronic kidney disease in type 2 diabetic patients: a nested case-control study in the Tehran lipid glucose study*. *Nutrition & Metabolism* 2018 **15**:25. Doi: 10.1186/s12986-018-0264-0
11. Zand*, H., **Pourvali, K.**, Christides, T. *Reconsidering Values in Biomedical Research*. *BioEssays*. 30 March 2018. <https://doi.org/10.1002/bies.201800019>