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Education

1991 BS in Pharmacy

1996 PhD in Clinical Chemistry

1999 Postdoctoral Fellow-Children's Hospital, Harvard Medical School

Research Interests

Role of neuropeptides and neurosteroids on physiological and pathophysiological (stress) conditions. Specifically, we study the role of the above molecules: on cutaneous wound healing and skin pathologies; on inflammation and inflammation-induced analgesia; on the molecular mechanisms and the signaling pathways involved in the interaction between neuropeptides/neurosteroids and pain.

Funding

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Selected Publications

Rassouli O, Liapakis G, **Venihaki M**. Role of Central and Peripheral CRH in Skin. *Curr Mol Pharmacol*. 2018;11(1):72-80. doi: 10.2174/1874467209666161026144219.

Pediaditakis I, Efstathopoulos P, Prousis KC, Zervou M, Arévalo JC, Alexaki VI, Nikolettou V, Karagianni E, Potamitis C, Tavernarakis N, Chavakis T, Margioris AN, **Venihaki M**, Calogeropoulou T, Charalampopoulos I, Gravanis A. Selective and differential interactions of BNN27, a novel C17-spiroepoxy steroid derivative, with TrkA receptors, regulating neuronal survival and differentiation. *Neuropharmacology*. 2016 111:266-282. doi: 10.1016/j.neuropharm.2016.09.007.

Alexaki VI, Simantiraki D, Panayiotopoulou M, Rasouli O, **Venihaki M**, Castana O, Alexakis D, Kampa M, Stathopoulos EN, Castanas E. Adipose tissue-derived mesenchymal cells support skin reepithelialization through secretion of KGF-1 and PDGF-BB: comparison with dermal fibroblasts. *Cell Transplant*. 2012;21(11):2441-54. doi: 10.3727/096368912X637064.

Rassouli O, Liapakis G, Lazaridis I, Sakellaris G, Gkountelias K, Gravanis A, Margioris AN, Karalis KP, **Venihaki M**. A novel role of peripheral corticotropin-releasing hormone (CRH) on dermal fibroblasts. *PLoS One*. 2011; 6(7):e21654. doi: 10.1371/journal.pone.0021654.

Venihaki M, Sakihara S, Subramanian S, Dikkes P, Weninger SC, Liapakis G, Graf T, Majzoub JA. Urocortin III, a brain neuropeptide of the corticotropin-releasing hormone family: modulation by stress and attenuation of some anxiety-like behaviours. *J Neuroendocrinol*. 2004; 16(5):411-22.