

## Curriculum Vitae

### **Kazuaki Iguchi**

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#### Education:

1980 B.Sc. University of Shizuoka  
1982 M.Sc. University of Shizuoka  
1985 Ph. D. University of Shizuoka

#### Professional Experience:

1985 Research assistant professor at University of Shizuoka  
1991 Assistant professor at University of Shizuoka

#### Research Interests:

1. Peptide synthesis and development of immunoassay
2. Neuroendocrinology of chronic stress and fatigue
3. Aging on androgen dynamics and anti-aging food

#### Membership of Societies:

Japanese Society of Pharmaceutical Sciences  
Japanese Society for Biochemistry  
Japanese Society of Endocrinology  
Japanese Peptides Society  
Japanese Society of Fatigue Science

#### Recent Publications:

1. Involvement of plasmin-mediated extracellular activation of progalanin in angiogenesis.  
H. Yamamoto, R. Okada, K. Iguchi, S. Ohno, T. Yokogawa, K. Nishikawa, K. Unno, M. Hoshino, A. Takeda: *Biochem. Biophys. Res. Commun.*, 430, 999-1004, 2013

2. Anti-stress effect of theanine on students during pharmacy practice: Positive correlation among salivary  $\alpha$ -amylase activity, trait anxiety and subjective stress. K. Unno, N. Tanida, N. Ishii, H. Yamamoto, K. Iguchi, M. Hoshino, A. Takeda, H. Ozawa, T. Ohkubo, L. R Juneja, H. Yamada: *Pharmacol. Biochem. Behav.*, 111, 128-135, 2013
3. Ingestion of theanine, an amino acid in tea, suppresses psychosocial stress in mice. K. Unno, K. Iguchi, N. Tanida, K. Fujitani, N. Takamori, H. Yamamoto, N. Ishii, H. Nagano, T. Nagashima, A. Hara, K. Shimoi, M. Hoshino: *Exp. Physiol.*, 98, 290-303, 2013
4. N-acetyl-b-endorphin suppressed atopic dermatitis in NC/Nga mice. K. Hiramoto, H. Yamamoto, K. Iguchi: *Dermatol. Aspects*, 1, 1-5, 2013
5. Structure-function relationship of the nuclear localization signal sequence of parathyroid hormone-related protein. K. Ohshima, S. Takeda, M. Hirose, Y. Akiyama, K. Iguchi, M. Hoshino, K. Yamaguchi, T. Mochizuki, *Biomed. Res.*, 33(3), 191-199, 2012
6. Expression of galanin and galanin receptor mRNA in skin during the formation of granulation tissue. H. Yamamoto, T. Arai, S. Ben, K. Iguchi, M. Hoshino, *Endocrine*, 40, 400-407, 2011
7. Plasmin: its role in the extracellular processing of progalanin in tumor tissue. H. Yamamoto, S. Ben, S. Saitoh, K. Kamata, K. Iguchi, M. Hoshino, *Protein Pept Lett.*, 18(12), 1204-1211, 2011
8. Activation of large form galanin-LI by extracellular processing in small cell lung carcinoma tissue. H. Yamamoto, K. Iguchi, S. Ohno, T. Yokogawa, K. Nishikawa, M. Hoshino, *Protein Pept Lett.*, 18(10), 1058-1064, 2011
9. Theanine intake improves the shortened lifespan, cognitive dysfunction and behavioral depression that are induced by chronic psychosocial stress in mice. K. Unno, K. Fujitani, T. Takamori, F. Takabayashi, K. Maeda, H. Miyazaki, N. Tanida, K. Iguchi, K. Shimoi, M. Hoshino, *Free Radic Res.*, 45(8), 966-974, 2011
10. An immunochemical study on possible molecular mimicry to adrenocorticotrophic hormone searched in database. K. Iguchi, T. Takahashi, K. Maruyama, J. Yamaguchi, H. Andou, H. Nagano, K. Aiso, Y. Aoki, H. Yamamoto, K. Unno, M. Hoshino, *Peptide Science 2009*, The Japanese Peptide Society, p. 355-358, 2010
11. Immunochemical and Pharmacological Characterization of Neuropeptide W in the Hypothalamic-Pituitary-Adrenal axis. H. Nagano, K. Iguchi, H. Andou, Y. Aoki, K. Aiso, H. Yamamoto, M. Hoshino, *Peptide Science 2009*, The Japanese peptide society, 273-276, 2010
12. Immunochemical Study of NPP, the N-terminal Peptide of Proopiomelanocortin and Evaluation of Its Biological Activity. H. Andou, K. Iguchi, Y. Imai, H. Nagano, Y. Aoki,

K. Aiso, H. Yamamoto, M. Hoshino, *Peptide Science 2009*, The Japanese Peptide Society, 359-362, 2010