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Name

Hung-Rong Yen, M.D., Ph.D.

Current Positions

Professor, School of Chinese Medicine
Associate Dean, College of Chinese Medicine
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Laboratory Website

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Education

School of Chinese Medicine, China Medical University, Taiwan (1990-1997)

Graduate Institute of Clinical Medical Sciences, Chang Gung University College of Medicine, Taiwan (2004-2010)

Division of Hematopoiesis and Immunology, Department of Oncology, The Sidney Kimmel Comprehensive Cancer Center, Johns Hopkins University School of Medicine, U.S.A. (2007-2010)

Expertise

Immunology (Allergy, Autoimmunity, Inflammation, Cancer Immunology), Traditional Chinese Medicine (Chinese Herbal Medicine, Acupuncture), Integrative Medicine (Health Data Analysis, Clinical Trials)

Research Interests

Professor Hung-Rong Yen is a physician scientist in China Medical University Hospital. His research interest involves traditional Chinese medicine and immunology. Dr. Yen's academic training and research experience have provided him with a background in multiple biomedical aspects. As a physician with dual clinical training in western medicine and Chinese medicine plus scientific training, he has become a leading advocate of the integration of Chinese medicine into conventional care and builds bridges between doctors of all backgrounds. His lab investigate cellular and molecular mechanisms of immunological diseases, and to examine the possible roles of Chinese herbal medicine in treating immunological diseases such as allergies, autoimmunity, and cancer immunotherapy.

Selected Grants:

Funded with grants from Ministry of Science and Technology, Ministry of Health and Welfare, Ministry of Education, and National Health Research Institutes. There are also a couple ongoing international collaborations with research groups in U.K., Germany, Singapore and Switzerland.

Selected Publications

1. Liang KL, Yu SJ, Huang WC, **Yen HR***. Luteolin Attenuates Allergic Nasal Inflammation via Inhibition of Interleukin-4 in an Allergic Rhinitis Mouse Model and Peripheral Blood from Human Subjects with Allergic Rhinitis. *Frontiers in Pharmacology*. 2020 Mar 18;11:291.
2. Song YC, Huang HC, Chang CYY, Lee HJ, Liu CT, Lo HY, Ho TY, Lin WC, **Yen HR***. A Potential Herbal Adjuvant Combined with A Peptide-based Vaccine Acts against HPV-related Tumors through Enhancing Effector and Memory T Cell Immune Responses. *Frontiers in Immunology*. 2020 Feb;11:62.
3. Song YC, Hung KF, Liang KL, Chiang JH, Huang HC, Lee HJ, Wu MY, Yu SJ, Lo HY, Ho TY, **Yen HR***. Adjunctive Chinese Herbal Medicine Therapy for Nasopharyngeal Carcinoma: Clinical Evidence and Experimental Validation. *Head and Neck*. 2019 Sep;41(9):2860-2872.