

## CV of Invited Faculty



**Feng-Chih, KUO**

<b>Position</b>	Chief, Metabolic Syndrome Prevention & Care Center
<b>Department, Affiliation</b>	Division of Endocrinology and Metabolism, Department of Internal Medicine, Tri-Service General Hospital, National Defense Medical Center
<b>Major Field</b>	Adipocyte biology, obesity and fat distribution, genetics and epigenetics
<b>Professional Activities: (Career or membership)</b>	Associate Professor, Department of Medicine, National Defense Medical Center, Taipei, Taiwan Attending physician in Division of Endocrinology and Metabolism, Tri-Service General Hospital, Taipei, Taiwan
<b>Short Bio (in 150 words):</b>	I am the Chief of the Metabolic Syndrome Prevention & Care Center at Tri-Service General Hospital and an attending physician in the Division of Endocrinology and Metabolism. Additionally, I serve as an Associate Professor in the Department of Medicine at the National Defense Medical Center, where I focus on exploring the biological functions of regional adipose tissue. My Ph.D. work revealed that <i>HOTAIR</i> , a long non-coding RNA, remarkably regulates regional adipocyte differentiation and fat distribution via interaction with the PRC2 complex. I have also explored the regenerative potential of dedifferentiated fat cells from the infrapatellar fat pad, emphasizing their application in cartilage regeneration. My research expands current knowledge of the dynamics and plasticity of regional adipose tissue, uncovering its critical roles in fat distribution and exploring its potential for overcoming metabolic disorders and promoting regenerative therapy.

\*The information will be shown on the website and conference materials only.