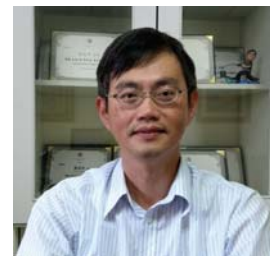




*Graduate Institute of Natural Products*  
*College of Pharmacy*  
*Kaohsiung Medical University*



WU, CHIN-CHUNG, PhD, Professor

● **Teaching Courses**

Undergraduate school: Pharmacology

Graduate school: Special Topics in Pharmacological Evaluation of Natural Products

● **Education**

PhD, Pharmacological Institute, College of Medicine, National Taiwan University

Master, Pharmacological Institute, College of Medicine, National Taiwan University

Bachelor, Pharmacy School, Kaohsiung Medical University

● **Academic & Administrative Experience**

2018-2021, Associated Vice President of Research and Development, Kaohsiung Medical University (KMU)

2018-2019, Director, General Research Centers of R&D Office, KMU

2012-2018, Director, Graduate Institute of Natural Products, Kaohsiung Medical University

2015-2016, Director, Personnel Office, Kaohsiung Medical University

2009-2012, Director, Division of Academic Research, Office of Research and Development, Kaohsiung Medical University

2007-present, Professor, Graduate Institute of Natural Products, Kaohsiung Medical University

2004-2007, Associate Professor, Graduate Institute of Natural Products, Kaohsiung Medical University

2003, Visiting Scholar, University of North Carolina- Chapel Hill

2001-2004, Assistant Professor, Graduate Institute of Natural Products, Kaohsiung Medical University

1998-2001, Assistant Professor, School of Pharmacy, Tajen Institute of Technology

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● **Research Interests**

Discovery of nature-based agents for treating cardiovascular disease and cancer-associated

**Publications****Representative Papers:**

1. Wu, C.C., Ko, F.N., Wu, T.S. and Teng, C.M. (1994) Antiplatelet effects of Clausine-D isolated from *Clausena excavata*. *Biochem. Biophys. Acta* 1201: 1-6.
2. Ko, F.N., Wu, C.C., Kuo, S.C., Lee, F.Y. and Teng, C.M. (1994) YC-1, a novel activator of platelet guanylate cyclase. *Blood* 84: 4226-4233.
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12. Wu, C.C.\*, Chan, M.L., Chen W.Y., Tsai, C.I, Chang, F.R., Wu, Y.C. (2005) Pristimerin induces caspase-dependent apoptosis in MDA-MB-231 cells via direct effects on mitochondria, *Mol. Cancer Ther.* 4: 1277-1285.
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40. Lin, Y.C., Ko, Y.C., Hung, S.C., Lin, Y.T., Lee, J.H., Tsai, J.Y., Kung, P.H., Tsai, M.C., Chen, Y.F., Wu, C.C.\* (2019) Selective inhibition of PAR4 (protease-activated receptor 4)-mediated platelet activation by a synthetic nonanticoagulant heparin analog. *Arterioscler Thromb Vasc Biol.* 39: 694-703.
41. Tsai, J.Y., Rédei, D., Hohmann, J., Wu, C.C.\* (2020) 12-Deoxyphorbol esters induce growth arrest and apoptosis in human lung cancer A549 cells via activation of PKC- $\delta$ /PKD/ERK signaling pathway. *Int. J. Mol. Sci.* 21: 7579.
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45. Lin, Y.T., Li, Y., Hsu, H.C., Tsai, J.Y., Lee, J.H., Tai, C.J., Wu, M.J., Wu, C.C.\* (2022) Discovery of 7, 4'-dimethoxy-3-hydroxyflavone as a protease-activated receptor 4 antagonist with antithrombotic activity and less bleeding tendency in mice. *Biochem. Pharmacol.* 202:115152.
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#### **Other Published Papers :**

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### Patents:

Over 10 patents in US, Japan, and Taiwan

### Honors:

- First Grade Award, National Science Council, Taiwan
- Special Outstanding Talent Award, Ministry of Science and Technology, Taiwan
- World's Top 2% Scientists (Career impact), Stanford University
- Outstanding Research Award, Kaohsiung Medical University, Taiwan
- External Expert, French National Research Agency, French

**Membership and Association:**

- Secretary-General, The Society of Chinese Natural Medicine
- Supervisor, The Society of Chinese Natural Medicine
- Member, The Society of Chinese Natural Medicine
- Member, The Pharmacological Society in Taiwan
- Member, The Pharmaceutical Society of Taiwan
- Member, American Society for Biochemistry and Molecular Biology (ASBMB)

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