- **Name / Position**
  Wang, Chia-Chi Assistant Professor
- **Office Address：**
  School of Pharmacy
  College of Pharmacy
  Kaohsiung Medical University
  100, Shih-Chuan 1st Rd. Kaohsiung, Taiwan, 807
- **E-mail：**chiachiwang@kmu.edu.tw
- **Tel：**886-7-3121101 ext. 2653
- **Fax：**886-7-3210683


- **Teaching Courses**
  Bioinformatics, Computational Toxicology, Biological Database, Data Mining
- **The Highest Education Degree**
  PhD, Department and Graduate Institute of Veterinary Medicine, School of Veterinary Medicine, National Taiwan University
- **Personal Experiences**
  1. 2011/08 – present, Assistant Professor, School of Pharmacy, College of Pharmacy, Kaohsiung Medical University, Kaohsiung, Taiwan
  2. 2013/10 – present, Adjunct Assistant Research Fellow, National Environmental Health Research Center, National Health Research Institutes, Miaoli, Taiwan
  3. 2012/04 – 2012/07, Visiting Scholar, Center for Biochemical Toxicology, National Center for Toxicological Research (NCTR), Food and Drug Administration (FDA), Jefferson, AR, USA.
  4. 2010/08 – 2011/07, Postdoctoral Fellow, Immunopharmacology Lab, School of Veterinary Medicine, National Taiwan University
  5. 2010/08– 2011/07 , Editorial Assistant, Taiwan Veterinary Journal (ISSN 1682-6485; http://www.csvs.org.tw)
  6. 2009/07 – 2010-07, Assistant Secretary, Chinese Society of Veterinary Science
- **Association**
  The Toxicology Society in Taiwan
- **Award**
  1. 2009 Excellent Poster Award, Annual Concerence of Chinese Society of Veterinary Science, Taipei, Taiwan
  2. 2009 Excellent SCI Research Article Award and Scholarship, (by School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan)
  3. 2008 Exvellent Oral Award. Toxicology Society of Taiwan, 2008 Annual Conference of Biomedical Siences, Taipei, Taiwan

4. 2007 Graduate Student Research Award, (by School of Veterinary Medicine, National Taiwan University, Taipei, Taiwan)

- **Research Area**

1. Immunotoxicology and Immunopharmacology
2. Immunomodulatory effects of natural products

- **Recent Publications**

**1** Wu HY, Chung MC, **Wang CC**, Huang CH, Liang HJ and Jan TR. (2013) Iron oxide nanoparticles suppress the production of IL-1beta via the secretory lysosomal pathway in murine microglial cells. *Particle and Fibre Toxicology* 10:46. (Impact factor = 9.18)

**2** Lee CC, Lin YC, Liu HE, Jan TR*, and **Wang CC***. (2013) Impairment of thymocyte function via induction of apoptosis by areca nut extract. *Journal of Immunotoxicology* (Online).

**3** **Wang CC**, Lin YR, Liao MH, Jan TR. (2013) Oral supplementation with areca-derived polyphenols attenuates food allergic responses in ovalbumin-sensitized mice. *BMC Complementary and Alternative Medicin*e. 13:154

**4** **Wang CC***, Wang S, Xia Q, He WW, Yin JJ, Fu PP, Li JH*. (2013) Phototoxicity of Zinc Oxide Nanoparticles in HaCaT Keratinocytes-Generation of Oxidative DNA Damage During UVA and Visible Light Irradiation. *Journal of Nanoscience and Nanotechnology* 13(6):3880-3888.

**5** **Wang CC**, Chen TY, Liu TY, Jan TR*. (2012) Areca nut extracts suppress the differentiation and functionality of human monocyte-derived dendritic cells. Journal of periodontal research 47(2): 198-203.

**6** **Wang CC**, Chen TY, Liu TY, Jan TR*. (2011). Areca nut extracts suppress the differentiation and functionality of human monocyte-derived dendritic cells. *Journal of Periodontal Research*. (Accepted) (SCI: Dentistry, Oral Surgery & Medicine 17/74; I.F.= 2.128)

**7** Shen CC, **Wang CC**, Liao MH, Jan TR*. (2011). A single exposure to iron oxide nanoparticles attenuates antigen-specific antibody production and T-cell reactivity in ovalbumin-sensitized BALB/c mice. *International Journal of Nanomedicine,* 6: 1229-1235. (SCI: Nanoscience &Nanotechnology 12/63; I.F.= 4.976)

**8** **Wang CC,** Lin HL, Jan TR*. (2011). Areca nut extracts enhance the development of $CD11b^{+}Gr\text{-}1^{+}$ cells with the characteristics of myeloid- derived suppressor cells in antigen-stimulated mice. *Journal of Oral Pathology & Medicin* , Apr 11. (SCI: Dentistry, Oral Surgery & Medicine 20/74; I.F.=2.075)

**9** **Wang CC**, Huang PL, Liu TY, Jan TR*. (2009) Highly oligomeric procyanidins from areca nut induce lymphocyte apoptosis via the depletion of intracellular thiols. *Toxicology in Vitro,* 23: 1234-41. (SCI: Toxicology; I.F.=2.473; 25/75)

**10** **Wang CC**, Liu TY, Cheng CH, Jan TR*. (2009) Involvement of the

mitochondrion-dependent pathway and oxidative stress in the apoptosis of murine splenocytes induced by areca nut extract. *Toxicology in Vitro*, 23: 840-7. (SCI: Toxicology; I.F.=2.473; 25/75)