

- **Name / Position**

Tung, Chun-Wei Assistant Professor

- **Office Address :**

School of Pharmacy

College of Pharmacy

Kaohsiung Medical University

100, Shih-Chuan 1<sup>st</sup> Rd. Kaohsiung, Taiwan, 807

- **E-mail :** cwtung@kmu.edu.tw

- **Tel :** 886-7-3121101 ext. 2316

- **Fax :** 886-7-3210683



- **Teaching Courses**

Bioinformatics, Computational Toxicology, Biological Database, Data Mining

- **The Highest Education Degree**

PhD, Institute of Bioinformatics and Systems Biology, National Chiao Tung University, Hsinchu, Taiwan

- **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. 2012/03 - 2012/05 , Visiting scholar, Center for Bioinformatics, National Center for Toxicological Research (NCTR), Food and Drug Administration (FDA), Jefferson, AR, USA.
4. 2011/02 - 2011/07 , Teaching assistant, Department of Electrical Engineering, R.O.C. Military Academy
5. 2010/08 - 2011/07 , Military service
6. 2008/09 - 2009/08 , Visiting scholar, Wilhelm Schickard Institute for Computer Science, Eberhard Karls University Tübingen, Tübingen, Germany (Professor Oliver Kohlbacher)

- **Association**

International Society for Computational Biology

International Association for Pattern Recognition (Technical Committee on Pattern

Recognition in Bioinformatics)

- **Award**

1. 2012 - Poster award (3rd place), International Conference on Bioinformatics and Computational Biology (BIOCOMP BG 2012), Varna, Bulgaria. 2010 - The Research Excellence Award (by College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan)

2. 2008 - The Scholarship of Sandwich Program for research visits to Germany (supported by DAAD of Germany and NSC of Taiwan)
3. 2008 - The Research Excellence Award (by College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan)
4. 2007 - The Research Excellence Award (by College of Biological Science and Technology, National Chiao Tung University, Hsinchu, Taiwan)

- **Research Area**

1. Toxicoinformatics
2. Immunoinformatics
3. Bioinformatics

- **Recent Publications**

- 1 Wen-Lin Huang, **Chun-Wei Tung**, Chyn Liaw, Hui-Ling Huang and Shinn-Ying Ho\* (2014) Rule-based knowledge acquisition method for promoter prediction in human and drosophila species, *The Scientific World Journal*, 2014, 327306.
- 2 **Chun-Wei Tung\*** (2013) Prediction of pupylation sites using the composition of k-spaced amino acid pairs, *Journal of Theoretical Biology*, 336, 11-17.
- 3 **Chun-Wei Tung**, Ming-Tsang Wu, Yu-Kuei Chen, Chun-Chieh Wu, Wei-Chung Chen, Hsien-Pin Li, Shah-Hwa Chou, Deng-Chyang Wu and I-Chen Wu\* (2013) Identification of biomarkers for esophageal squamous cell carcinoma using feature selection and decision tree methods, *The Scientific World Journal*, 2013, 782031.
- 4 **Chun-Wei Tung\*** (2013) Prediction of Non-Genotoxic Hepatocarcinogenicity Using Chemical-Protein Interactions, *Chapter in Pattern Recognition in Bioinformatics, Lecture Notes in Computer Science*, Springer Berlin Heidelberg, 7986, 231-241.
- 5 Ying-Chi Lin, Chia-Chi Wang, Ih-Sheng Chen, Jhao-Liang Jheng, Jih-Heng Li and **Chun-Wei Tung\*** (2013) TIPdb: A Database of Anticancer, Antiplatelet, and Antituberculosis Phytochemicals from Indigenous Plants in Taiwan, *The Scientific World Journal*, 2013, 736386.
- 6 Chyn Liaw, **Chun-Wei Tung** and Shinn-Ying Ho\* (2013) Prediction and analysis of antibody amyloidogenesis from sequences, *PLoS One*, 8(1), e53235.
- 7 **Chun-Wei Tung\*** (2012) PupDB: a database of pupylated proteins, *BMC Bioinformatics*, 13, 40. **(Highly Accessed)**
- 8 **Chun-Wei Tung**, Matthias Ziehm, Andreas Kämper, Oliver Kohlbacher\* and Shinn-Ying Ho\* (2011) POPSK: T-cell reactivity prediction using support vector machines and string kernels, *BMC Bioinformatics*, 12, 446. **(Highly Accessed)**
- 9 **Chun-Wei Tung**, Chyn Liaw, Shinn-Jang Ho and Shinn-Ying Ho\* (2010) Prediction of protein subchloroplast locations using Random Forests, *Proceeding of World Academy of Science, Engineering and Technology*, 41, 903-907.
- 10 Chyn Liaw, **Chun-Wei Tung**, Shinn-Jang Ho and Shinn-Ying Ho\* (2010) Sequence-based

Prediction of Gamma-turn Types using a Physicochemical Property-based Decision Tree Method, *Proceeding of World Academy of Science, Engineering and Technology*, 41, 898-902.