



## Dr. Chin-Chuan Chen

<b>Position :</b> Assistant Professor	<b>Laboratory :</b> Molecular Genetics
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### **Research Interests:**

1. DNA repair, genome stability and cancer
2. Aging and aging-associated diseases

### **Selected Publications:**

1. Chen CC, Lin MW, Liang CJ, Wang SH. The Anti-Inflammatory Effects and Mechanisms of Eupafolin in Lipopolysaccharide-Induced Inflammatory Responses in RAW264.7 Macrophages. (2016) **PLoS One**. 11(7):e0158662. doi: 10.1371/journal.pone.0158662
2. Wang SH, Lin PY, Chiu YC, Huang JS, Kuo YT, Wu JC, Chen CC\*. Curcumin-Mediated HDAC Inhibition Suppresses the DNA Damage Response and Contributes to Increased DNA Damage Sensitivity. (2015) **PLoS One**. 10(7):e0134110. doi: 10.1371/journal.pone.0134110
3. Hu Z, Chen K, Xia Z, Chavez M, Pal S, Seol JH, Chen CC, Li W, Tyler JK.

Nucleosome loss leads to global transcriptional up-regulation and genomic instability during yeast aging. (2014) **Genes & Development**, 15;28(4):396-408

4. Chen, C-C. & Tyler, J. K. Selective sensitization of cancer cells to DNA damage by a HAT inhibitor. (2009) **Cell Cycle** 8(18).
5. Chen, C-C. & Tyler, J. K. Chromatin assembly signals the end of repair. (2008) **Cell Cycle**, 7, 3792-7.
6. Chen, C-C., Carson, J., Feser, J., Tamburini, B., Zabarone, S., Linger, J. & Tyler, J. K. Acetylation of lysine 56 on histone H3 drives chromatin assembly after repair and signals for the completion of double-strand DNA repair. (2008) **Cell**, 134, 231-43.
7. Zhang Z, Yang K, Chen CC, Feser J, Huang M. Role of the C terminus of the ribonucleotide reductase large subunit in enzyme regeneration and its inhibition by Sml1. (2007) **Proc Natl Acad Sci**, 104(7): 2217-2222

### **Patents:**

1. 陳金銓, 呂彥禮, 黃聰龍, 方嘉佑, 潘台龍 ACTIVATOR OF MAMMALIAN SIRT1 中華民國專利 1556818 (2016)

## Departmental Retreat 2014



## Farewell party 2014



**Farewell party 2015**



**Birthday party 2015**



## Farewell party 2016



## Departmental Retreat 2016



