

# 分子生物研究所

## 趙裕展 ( CHAO, YU-CHAN )

Chia-Jung Chang, Cheng-Chung Lee, Yueh-Te Chan, Devin L. Trudeau, Mei- Huey Wu, Chih-Hsuan Tsai, Su-May Yu, Tuan-Hua David Ho, Andrew H.-J. Wang, Chwan-Deng Hsiao, Frances H. Arnold, Yu-Chan Chao, Mar. 2016, "Exploring the Mechanism Responsible for Cellulase Thermostability by Structure- Guided Recombination", *PLoS ONE*, 11(3), e0147485. (SCI) (IF: 3.057; SCI ranking: 17.5%)

Hsuan Tung, Sung-Chan Wei, Huei-Ru Lo, Yu-Chan Chao, Feb. 2016, "Baculovirus IE2 Stimulates the Expression of Heat Shock Proteins in Insect and Mammalian Cells to Facilitate Its Proper Functioning", *PLoS ONE*, 11(2), e0148578. (SCI) (IF: 3.057; SCI ranking: 17.5%)

## 陳蕾惠 ( CHEN, REY-HUEI )

Hsu, T.-H., Chen, R.-H., Cheng, Y.-H., Wang, C.-W, Dec. 2016, "Lipid droplets are central organelles for meiosis II progression during yeast sporulation", *Mol. Biol. Cell*, (first published on Dec 8. pii: mbc.E16-06-0375). [Epub ahead of print]. (SCI) (IF: 4.037; SCI ranking: 34.8%)

Yang, P.-L., Hsu, T.-H., Wang, C.-W., and Chen, R.-H, Jun. 2016, "Lipid droplets maintain lipid homeostasis during anaphase for efficient cell separation in budding yeast", *Mol. Biol. Cell*, 27(15), 2368-2380. (SCI) (IF: 4.037; SCI ranking: 34.8%)

## 陳宏達 ( CHEN, HUNG-TA )

Stephanie Cheung, Lina Ma, Patrick H. W. Chan, Hui-Lan Hu, Thibault Mayor, Hung-Ta Chen, and Vivien Measday , Mar. 2016, "Ty1 Integrase Interacts with RNA Polymerase III-specific Subcomplexes to Promote Insertion of Ty1 Elements Upstream of Polymerase (Pol) III-transcribed Genes", *Journal of Biological Chemistry*, 291(12), 6396-6411. (SCI) (IF: 4.258; SCI ranking: 24.6%)

## 鄭淑珍 ( CHENG, SOO-CHEN )

Chi-Kang Tseng, Che-Sheng Chung, Hsin-Chou Chen and Soo-Chen Cheng, accepted, "A central role of Cwc25 in spliceosome dynamics during catalytic phase of pre-mRNA splicing", *RNA-A PUBLICATION OF THE RNA SOCIETY*.

Wu, N.-Y., Chung, C.-S. and Cheng, S.-C., accepted, "Roles of Cwc24 in the first catalytic step and fidelity in 5' splice site selection", *Mol. Cell. Biol.* (SCI) (IF: 4.427; SCI ranking: 22.8%,30.5%)

## 鄭珮琳 ( CHENG, PEI-LIN )

Chang, C.-P., C.-T. Lee, W.-H. Hou, M.-S. Lin, H.-L. Lai, C.-L. Chien, C. Chang, P.-L. Cheng, C.-C. Lien, and Y. Chern., Mar. 2016, "Type VI adenylyl cyclase negatively regulates GluN2B-mediated LTD and spatial reversal learning", *Scientific Reports*, 6, 22529. (SCI) (IF: 5.228; SCI ranking: 11.1%)

Lee, M., S.-T. Lu, and P.-L. Cheng\*, 2016, "Role of Proteasome Dynamics in Axonal Growth", *Cellular and Molecular Life Sciences*, Invited review article. (SCI) (IF: 5.694; SCI ranking: 19.8%,13.8%)

## 簡正鼎 ( CHIEN, CHENG-TING )

Wang, M.-Y., Chen, P.-Y., Wang, C.-H., Lai, T.-T., Tsai, P.-I., Cheng, Y.-J., Kao, H.-H., and Chien, C.-T.\*, Oct. 2016, "Dbo/Henji Modulates Synaptic dPAK to Gate Glutamate Receptor Abundance and Postsynaptic Response", *PLoS Genetics*, 12(10), e1006362. (SCI) (IF: 6.661; SCI ranking: 9%)

Chen, Y.-C., Kuo, H.-Y., Bornschein, U., Takahashi, H., Chen, S.-Y., Lu, K.-M., Yang, H.-Y., Chen, G.-M., Lin, J.-R., Lee, Y.-H., Chou, Y.-C., Cheng, S.-J., Chien, C.-T., Enard, W., Hevers, W., Pääbo, S., Graybiel, A. M.\*, and Liu, F.-C.\*, Sept.

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Lin, C.-H., Lin, H.-I., Chen, M.-L., Lai, T.-T., Cao, L.-P., Farrer, M.-J., Wu, R.-M., and Chien, C.-T., Feb. 2016, "Lovastatin protects neurite degeneration in LRRK2-G2019S parkinsonism through activating the Akt/Nrf pathway and inhibiting GSK3 $\beta$  activity", *HUMAN MOLECULAR GENETICS*, 25(10), 1965-1978. (SCI) (IF: 5.985; SCI ranking: 11.8%,9.6%)

Lee, Y.-N., and Chien, C.-T.\*, Aug. 2016, "Genetic screen: Hearing lessons from flies", *Insight in the eLife*, 5, e19285.

### 鍾邦柱 (CHUNG, BON-CHU)

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Miller WL, Chung B-c, Mar. 2016, "The first defect in electron transfer to mitochondrial P450 enzymes", *Endocrinology*, 157, 1003-1006. (SCI) (IF: 4.159; SCI ranking: 22.6%)

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### 蕭傳鐙 (HSIAO, CHWAN-DENG (DAVID))

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Naveen, V., Chu, C.-H., Chen, B.-W., Tsai, Y.-C., Hsiao, C.-D.\* and Sun, Y.-J.\*, Apr. 2016, "Helicobacter pylori Cell-Binding Factor 2: Insights into Domain Motion", *J. Struct. Biol.*, 194(1), 90-101. (SCI) (IF: 2.57; SCI ranking: 43.1%,53.3%,62.6%)

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Lin, M.-G., Chi, M.-C., Naveen, V., Li, Y.-C., Lin, L.-L. and Hsiao, C.-D.\*, Jan. 2016, "Bacillus licheniformis trehalose-6-phosphate hydrolase structures suggest keys to substrate specificity", *Acta Crystallographica Section D-Structural Biology*, 72(Pt 1), 59-70. (SCI) (IF: 2.512; SCI ranking: 46.8%,55.7%,44.4%,34.6%)

### 薛一蘋 (HSUEH, YI-PING)

Chen, C.-Y. and Hsueh, Y.-P., accepted, "SARM1, sterile alpha and TIR motif containing protein 1", *Encyclopedia in Signaling Molecules*.

Chen, C.-Y., Liu, H.-Y., and Hsueh, Y.-P., accepted, "TLR3 downregulates expression of schizophrenia gene Disc1 via MYD88 to control neuronal morphology", *EMBO Reports*, in press. (SCI) (IF: 7.739; SCI ranking: 14.4%,9%)

Tzyy-Nan Huang, PhD; Yi-Ping Hsueh, Jan. 2017, "Calcium/calmodulin-dependent serine protein kinase (CASK), a protein implicated in mental retardation and autism-spectrum disorders, interacts with T-Brain-1 (TBR1) to control extinction of associative memory in male mice", *J Psychiatry Neurosci*, 42(1), 37-47.

Hu, H.-T., Umemori, H., and Hsueh, Y.-P., Sept. 2016, "Postsynaptic SDC2 induces transsynaptic signaling via FGF22 for

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Huang, T.-N. and Hsueh, Y.-P., Jun. 2016, “Calcium/calmodulin-dependent serine protein kinase (CASK), a protein implicated in mental retardation and autism spectrum disorders, interacts with T-Brain-1 (TBR1) to control extinction of associative memory in male mice”, *Journal of Psychiatry and Neuroscience*, in press. (SCI, SSCI) (IF: 5.57; SCI ranking: 11.3%,10.6%; SSCI ranking: 7.9%)

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Hu, H.-T., Shih, P.-Y., Shih, Y.-T. and Hsueh, Y.-P., Jan. 2016, “The involvement of neuron-specific factors in dendritic spinogenesis: molecular regulation and association with neurological disorders”, *Neural plasticity*, ID51362860 (Invited review). (SCI) (IF: 3.568; SCI ranking: 30.9%)

### 薛雁冰 (HSUEH, YEN-PING)

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### 黃德華 (HUANG, DER-HWA)

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### 賴明宗 (LAI, MING-ZONG)

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### 呂俊毅 (LEU, JUN-YI)

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- along, species split apart”, *EMBO reports*, 18, 87-101. (SCI) (IF: 7.739; SCI ranking: 14.4%,9%)
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### 林書葦 (LIN, SUE-WEI)

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### 沈哲鯤 (SHEN, CHE-KUN JAMES)

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### 吳惠南 (WU, HUEY-NAN)

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### 楊性芳 (YANG-YEN, HSIN-FANG)

Chen LY, Yang-Yen HF, Tsai CC, Thio CLP, Chuang HL, Yang LT, Shen LF, Song IW, Liu KM, Huang YT, Liu FT, Chang YJ, Chen YT and Yen JJY\*, accepted, “Protein Palmitoylation by ZDHHC13 Protects Skin against Microbial-Driven Dermatitis”, *The Journal of Investigative Dermatology*. (SCI) (IF: 6.915; SCI ranking: 1.6%)

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## 姚孟肇 (YAO, MENG-CHAO)

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- Chih-Yi Gabriela Lin, I-Ting Lin and Meng-Chao Yao, Nov. 2016, “Programmed minichromosome elimination as a mechanism for somatic genome reduction in *Tetrahymena thermophila*”, *PLoS Genet*, 12(11): e1006403. (SCI) (IF: 6.661; SCI ranking: 9%)
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## 袁小玲 (YUAN, HANNA SHIAO-HAN)

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