

Di LIU – Curriculum Vitae

Basic Information

- Name: Di LIU (Dylan)
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Educational Background

- 09/2000 ~ 07/2005; Center for Bioinformatics, College of Life Sciences, Peking University, Beijing; achieved Ph. D. degree in Bioinformatics
- 09/1996 ~ 07/2000; Department of Physiology and Biophysics, College of Life Sciences, Peking University, Beijing; achieved B. Sc. Degree

Working Experiences

- 8/2009 ~ present; Assistant Professor in the Network Information Center, Institute of Microbiology, Chinese Academy of Sciences
- 12/2005 ~ 7/2009; Post Doctor in the CAS Key Laboratory of Pathogenic Microbiology and Immunology, Institute of Microbiology, Chinese Academy of Sciences
- 02/2008 ~ 06/2008; Visiting Doctor in the Department of Botany and Microbiology, University of Oklahoma
- 03/2006 ~ 10/2006; Main scientific researcher of the miRNA database project of Biobase, Germany

Research Interest

- Microbial genomic and meta-genomic analyses
- Bioinformatics analyses on pathogenic microbes
- Database and applications for DNA barcode
- Biological database and software development

Grants

- Grant from National Natural Sciences Foundation of China: no. 30800640, from 2009 to 2011
- Grant from Chinese Post-doctoral Foundation: no. 20070420542, from 2008 to 2009

Publications

- S Meng, M Luo, H Sun, X Yu, M Shen, Q Zhang, R Zhou, X Ju, W Tao, **D Liu***, H Deng* and Z Lu*. (2010) Identification and characterization of Bmi-1 responding element within the human p16 promoter. *Journal of Biological Chemistry*, epub of ahead. (*, corresponding author)
- Y Ma, Y Feng, **D Liu** and GF Gao. (2009) Avian influenza virus, *Streptococcus suis* serotype 2, SARS-coronavirus and beyond: Molecular epidemiology, ecology and the situation in China. *Philosophical Transactions of the Royal Society B (Biological Sciences)*, 364: 2725-2737.
- X Song, Y Huang, H Xiao, **D Liu** and GF Gao. (2009) Stable Non-synonymous Substitutions on NS Gene (NS1 and NS2 proteins) of Qinghai Lake H5N1 Influenza Virus (Clade 2.2) after Successive Passages in Muscovy Ducks, *Science in China Series C: Life Science*, 52(9): 847-853.

- D Liu**, X Liu, J Yan, W Liu and GF Gao. (2009) Interspecies transmission and host restriction of avian H5N1 influenza virus. *Science in China Series C: Life Science*, 52 (5): 428-438.
- D Liu**, Q Liu, L Wu, B Liu, J Wu, Y Lao, X Li, GF Gao and J Ma*. (2009) Website for avian flu information and bioinformatics. *Science in China Series C: Life Science*, 52 (5): 470-473
- X Song, H Xiao, Y Huang, G Fu, B Jiang, Y Kitamura, W Liu, **D Liu** and GF Gao. (2009) Serological Surveillance of Influenza A Virus Infection in Swine Populations in Fujian Province, China: No Evidence of Naturally Occurring H5N1 Infection in Pigs. *Zoonoses and Public Health*, in press.
- Z Zhou, X Jiang, **D Liu**, Z Fan, X Hu, J Yan, M Wang and GF Gao. (2009) Autophagy is involved in influenza A virus replication. *Autophagy*, in press.
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- M Li, X Jiang, **D Liu**, Y Na, GF Gao and Z Xi. (2008) Autophagy protects LNCaP cells under androgen deprivation conditions. *Autophagy*, 4(1): 54 – 60.
- K Tian, X Yu, T Zhao, Y Feng, Z Cao, C Wang, Y Hu, X Chen, D Hu, X Tian, **D Liu**, S Zhang, X Deng, Y Ding, L Yang, Y Zhang, H Xiao, M Qiao, B Wang, L Hou, X Wang, X Yang, L Kang, M Sun, P Jin, S Wang, Y Kitamura, J Yan, G F Gao. (2007) Emergence of Fatal PRRSV Variants: Unparalleled Outbreaks of Atypical PRRS in China and Molecular Dissection of the Unique Hallmark. *PLoS ONE*, 2(6):e526
- H Xiao, J Yan, G Wang, **D Liu**, Y Sun, GF Gao (2007) Recent Progresses in Avian Influenza Research: Role of Migratory Birds and Contributions of the Reverse Genetics Technique. *Frontier Science*, 1: 62-73. (in Chinese)
- C Chen, J Tang, W Dong, C Wang, Y Feng, J Wang, F Zheng, X Pan, **D Liu**, M Li, Y Song, X Zhu, H Sun, T Feng, Z Guo, A Ju, J Ge, Y Dong, W Sun, Y Jiang, J Wang, J Yan, H Yang, X Wang, G F Gao, R Yang, J Wang, and J Yu. (2007) A Glimpse of Streptococcal Toxic Shock Syndrome from comparative Genomics of *S. suis* 2 Chinese Isolates. *PLoS ONE*, 2(3):e315.
- Y Feng, F Zheng, X Pan, W Sun, C Wang, Y Dong, A Ju, J Ge, **D Liu**, C Liu, J Yan, J Tang, G F Gao. (2007) Existence and characterization of allelic variants of Sao, a newly identified surface protein from *Streptococcus suis*. *FEMS Lett*, 275(1):80-88.
- D Liu**, W Gong, Y Bai, J Luo, and Y Zhu. (2005) OsHT, a Rice Gene Encoding for a Plasma-Membrane Localized Histidine Transporter. *J Integr Plant Biol*, 47(1):92-9
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