

- **Name:** Linfa WANG

- **Current Position:**

Professor and Director, Programme in Emerging Infectious Diseases, Duke-NUS Medical School

- **Country:** Singapore

- **Educational Background:**

Ph.D. Biochemistry (Molecular Biology), University of California, Davis, June, 1986.

B.S. (Honour) Biology (Biochemistry), East China Normal University, Shanghai, China, January 1982.

- **Professional Experiences:**

2012.7-present Director and Professor, Program in Emerging Infectious Diseases, Duke-NUS Graduate Medical School, Singapore

2008.3-2015.8 OCE Science Leader, CSIRO Australian Animal Health Laboratory, Geelong, Vic.

2004.7-2008.2 Senior Principal Research Scientist and project leader, CSIRO Australian Animal Health Laboratory, Geelong, Vic.

2003.7-2010.6 Project Leader, Australian Biosecurity Cooperative Research Centre for Emerging Infectious Diseases (AB-CRC), Brisbane, Qld.

1996.7-2004.6 Principal Research Scientist and project leader, CSIRO Australian Animal Health Laboratory, Geelong, Vic.

1992.7-1996.6 Senior Research Scientist and project leader, CSIRO Australian Animal Health Laboratory, Geelong, Vic.

- 1990.12-1992.6 Research Scientist, CSIRO Australian Animal Health Laboratory, Geelong, Vic.
- 1990.5-1990.12 Senior Research Officer, the Centre for Molecular Biology and Medicine, Monash University, Clayton, Vic.
- 1989.5-1990.5 Senior Tutor, Department of Biochemistry, Monash University, Clayton, Vic.
- 1986.7-1989.3 Postdoctoral Research Fellow, Department of Biochemistry, University of California, Davis.
- 1982.9-1986.6 Postgraduate Student, Department of Biochemistry, University of California, Davis.

• Professional Organizations

See above

• Main Scientific Publications:

1. Li, W., Shi, Z., Yu, M., Ren, W., Smith, C., Epstein, J.H., Wang, H., Crameri, G., Hu, Z., Zhang, H., Zhang, J., McEachern, J., Field, H., Daszak, P., Eaton, B.T., Zhang, S., and **Wang, L.-F.** (2005) Bats are natural reservoir of SARS-like coronaviruses. *Science* 310: 676-679. PMID: Not eligible.
2. Eaton, B.T., Broder, C.C., Middleton, D. and **Wang, L.-F.** (2006). Hendra and Nipah viruses: different and dangerous. *Nature Reviews Microbiol.* 4: 23-35. PMID: Not eligible.
3. Chua, K.B., Crameri, C., Hyatt, A., Yu, M., Tompang, M.R., Rosli, J., McEachern, J., Crameri, S., Kumarasamy, V., Eaton, B.T. and **Wang, L.-F.** (2007) A previously unknown reovirus of bat origin is associated with an acute respiratory disease in humans. *Proc. Natl. Acad. Sci. USA* 27: 11424-11429. PMID: PMC1899191



4. Marsh, G.A., de Jong, C., Barr, J.A., Tachedjian, M., Smith, C., Middleton, D., Yu, M., Todd, S., Foord, A.J., Haring, V., Payne, J., Robinson, R., Broz, I., Cramer, G., Field, H.E. and **Wang, L.-F.** (2012) Cedar virus: a novel henipavirus isolated from Australian bats. *PLoS Path.* 8(8): e1002836. PMID: PMC3410871

5. Mahalingam, S., Herrero, L.J., Playford, G., Spann, K., Herring, B., Rolph, R., Middleton, D., McCall, B., Field, H. and **Wang, L.-F.** (2012) Hendra virus: an emerging paramyxovirus in Australia. *Lancet Infectious Diseases* 12: 799-807. PMID: Not eligible.

6. Zhang, G., Cowled, C., Shi, Z., Huang, Z., Bishop-Lilly, K.A., Fang, X., Wynne, J.W., Xiong, Z., Baker, M.L., Zhao, W., Tachedjian, M., Zhu, Y., Zhou, P., Jiang, X., Ng, J., Yang, L., Wu, L., Xiao, J., Feng, Y., Chen, Y., Sun, X., Zhang, Y., Marsh, G.A., Cramer, G., Broder, C.C., Frey, K.G., **Wang, L.-F.** and Wang, J. (2013) Comparative Analysis of Bat Genomes Provides Insight into the Evolution of Flight and Immunity. *Science* 339: 456-60. PMID: Not eligible.

7. Wynne, J. and **Wang, L.-F.** (2013) Bats and viruses: friend or foe? *PLoS Path* 9: e1003651. PMID: PMC3814676

8. Bean, A., Baker, M., Stewart, C.R., Cowled, C., Deffrasnes, C., **Wang, L.-F.** and Lowenthal, J.W. (2013) Studying immunity to zoonotic diseases in the natural host – keeping it real. *Nat Rev Immunol* 13: 851-61. PMID: Not eligible.

9. Ge XY, Li JL, Yang XL, Chmura AA, Zhu G, Epstein JH, Mazet JK, Hu B, Zhang W, Peng C, Zhang YJ, Luo CM, Tan B, Wang N, Zhu Y, Cramer G, Zhang SY, **Wang LF**, Daszak P, Shi Z (2013). Isolation and characterization of a bat SARS-like coronavirus that uses the ACE2 receptor. *Nature* 503: 535-8. PMID: Not eligible.