

## Yong-Tang Zheng (鄭永唐)

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### EDUCATION AND POSITIONS :

- M.B., Jiangxi Medical College, 1983
  - M.Sci., Kunming Institute of Zoology, CAS, 1989
  - D.Phil., Kunming Institute of Zoology, CAS, 1997
  - Research Assistant, Department of Medical Microbiology, Gannan Medical College, 1983-1986
  - Assistant professor, Kunming Institute of Zoology, CAS, 1989-1994
  - Associate professor, Kunming Institute of Zoology, CAS, 1994-2003
  - Professor, CAS Key Laboratory of Animal Models and Human Disease Mechanisms, Kunming Institute of Zoology, CAS, 2004-till now
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### HONORS :

- Outstanding Ph.D student Award from the Chinese Academy of Sciences (1995)
  - “Di’ao” Award from the Chinese Academy of Sciences (1996)
  - “Western Light” Award from the Chinese Academy of Sciences (1996)
  - Leading Scientist Award from the Yunnan Province Government (1996)
  - Third Prize of the Yunnan Science and Technology Progress Award (1995)-"The diagnosis of SAIDS and Infection of SRV in Chinese rhesus monkeys" (Ben KL ,Chen ZB, Tian BP, Zheng YT)
  - Second Prize of the Yunnan Natural Science Prize Awards(2003)-"The study of RIPs with anti-HIV activities and structure-function relationship" (Zheng YT, Ben KL ,Wang JH )
  - First Prize of the Yunnan Science and Technology Progress Award (2008)-" The establishment and application of key technology in anti-HIV drugs" (Zheng YT, Yang LM, Wang RR, Zhang GH et al)
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### RESEARCH INTERESTS :

- 1) AIDS Primate Models
  - 2) Mechanism of HIV/AIDS
  - 3) Anti-HIV-1 drugs
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### Related Publication:

- [1] Liu HL, Wang YQ, Liao CH, Kuang YQ, **Zheng YT\***, Su B\*. Adaptive evolution of primate TRIM5 $\alpha$ , a gene restricting HIV-1 infection. *Gene*. 2005, 362:109-116

- [2] Liao CH, Kuang YQ, Liu HL, **Zheng YT\***, Su B\*. A novel fusion gene mnTRIMCyp in pig-tailed macaque determines its susceptibility to HIV-1 infection. *AIDS*. 2007, 21(Suppl 8):S19-S26
- [3] Kuang YQ, Tang X, Liu FL, Jiang XL, Zhang YP, Gao GX, **Zheng YT\***. Genotyping of TRIM5 locus in Northern pig-tailed macaques (*Macaca leonina*), a primate species susceptible to human immunodeficiency virus type 1 infection. *Retrovirology*, 2009, 6(1):58
- [4] Liu FL, Qiu YQ, Li H, Kuang YQ, Tang X, Cao G, Tang NLS, **Zheng YT\***. An HIV-1 resistance polymorphism in TRIM5 $\alpha$  gene among Chinese intravenous drug users. *J Acquir Immune Defic Syndr*, 2011, 56(4):306-311
- [5] Cao G, Nie WH, Liu FL, Kuang YQ, Wang JH, Su WT, **Zheng YT\***. Identification of the TRIM5/TRIMCyp heterozygous genotype in *Macaca assamensis*. *Zool Res*, 2011 32(1):40-49. (Chinese)

報告題目：融合基因 TRIMCyp 與平頂猴 HIV-1 易感性研究 (A novel fusion gene TRIMCyp in pig-tailed macaque determines its susceptibility to HIV-1 infection)