



俞晓峰 博士

Steve Yu Ph.D.

赛业模式生物高级副总裁、高级科学家

Senior Vice President and Senior Scientist

俞晓峰博士现为赛业模式生物高级副总裁与高级科学家,负责基因修饰模式动物的研发与技术服务等。俞博士在基因修饰模式动物领域有超过20年以上研发与管理等方面的丰富经验,在干细胞相关领域及哺乳动物细胞系基因改造研究也取得了巨大成就,其研究成果多次发表在*Nature Immunology*、*Hum Mol Genet*、*Mol Cell Biol*.等高水平杂志上。加入赛业生物前,俞博士于2010-2013年任职于美国应用干细胞(ASC)公司,担任研发总监,负责基因修饰模式动物的研发与定制服务,并在中国子公司斯坦福生物科技担任副总裁一职。2009-2010年任纽约大学医学院研究员。2003-2009年任职于美国基因打靶公司(iTL),作为资深科学家和项目经理,负责及参与基因修饰小鼠模型研发与定制技术服务的策略与方案设计、项目管理、技术人员指导与培训、客户服务与技术咨询等工作,2007年负责开发了人源化p53基因突变的肿瘤小鼠模型库构建项目。2000年任美国耶鲁大学医学院研究员。1995年获得军事医学科学院博士学位。

Dr. Steve Yu is a senior vice president of animal model development at Cyagen Biosciences Inc., a biotech company specializing in custom genetically engineered mouse (GEM) generation and stem cell researches related products/services. Dr. Yu has over 20 years of experiences in custom GEM models and over 16 years of experiences in biotech industries related to custom animal model generation both in US and China. Prior to joining Cyagen in 2013, Dr. Yu was a director of custom animal services/R&D at Applied StemCell (ASC) and research scientist at New York University School of Medicine during 2009-2013. As a project manager/senior scientist at InGenious Targeting Laboratory (iTL), Dr. Yu was a key contributor for generation of humanized mouse cancer models by creating a variety of human p53 gene point mutations. Dr. Yu, as a research fellow of Yale School of Medicine, started his research career in the field of gene targeting and generated his first knockout mice there in 1999.



主要发表文章及论著

1. King B, Boccalatte F, Moran-Crasio K, Wolf E, Wang J, Kayembe C, Lazris C, **Yu XF**, Aranda-Orgilles B, Lasorella A & Aifantis I. The ubiquitin ligase Huwe1 regulates the maintenance and lymphoid commitment of hematopoietic stem cells. *Nature Immunol.* 2016, 17:1-11.
2. Hanel W, Marchenko N, Xu S, **Yu XF**, Weng W, Moll U. Two hot spot mutant p53 mouse models display differential gain of function in tumorigenesis. *Cell Death & Differentiation.* 2013, 17:1-12.
3. Market CD, Meaney MP, Voelker KA, Grange RW, Dalley HW, Cann JK, Ahmed M, Bishwokarma B, Walker SJ, **Yu XF**, Brown M, Lawlor MW, Beggs AH, Childers MK. Functional muscle analysis of the Tcap knockout mouse. *Hum. Mol. Genet.* 2010, 19 (11):2268-83.
4. **Yu XF**, Canaan A, Booth CJ, Lian J, Lazar I, Gamfi SL, Castille K, Kohya N, Nakayama Y, Liu YC, Eynon E, Flavell R, Weissman MS. FAT10/Dubiquitin-like protein-deficient mice exhibit minimal phenotypic differences. *Mol. Cell. Biol.* 2006, 26(13): 5180-9.
5. Yuan B, Hou XJ, Wang H, He J, **Yu XF**, Liu HT, Huang C. Affinity mature of human anti-TNF-a Fab through constructing a light chain second library. *J. Cell. Mol. Immunol.* 2001, 17(2):179-81.
6. **Yu XF**, Weissman MS. Characterization of the promoter of human LST1: a gene with a complex pattern of alternative transcripts. *J. Biol. Chem.* 2000, 275(44): 34597-24608.
7. Yuan B, He J, **Yu XF**, Liu HT, Zhou YS, Wang H, Huang C. The gene sequencing and analysis of anti-TNF α human monoclonal antibodies. *Letters in Biotechnology*, 2000, 11(1): 5-8.
8. **Yu XF**, Huang C. Pathogenic mechanism and process of bacterial endotoxin, in *Bacterial Endotoxin and Clinic*. People Health Press, Beijing. 1999, pp 80-3.
9. Liu HT, Huang C, He J, **Yu XF**, Yuan B, Yong D, Wang HT. Purification of bacterially expressed heavy chain variable region of human anti-idiotypic antibody against antibody of LPS of Shigella sonnei using metal chelate chromatography. *J. Cell. Mol. Immunol.* 1998, 14(2):123-5.
10. Chen W, Huang C, Wang HT, Fu L, **Yu XF**, Xu J, Du GX. cDNA cloning and sequencing of the N-terminal gene of BPI from Chinese. *Microbiology*, 1997, 24(6):350-3.
11. **Yu XF**, Wang HT, Huang C. DNA sequence analysis of heavy chain variable region of human phage antibodies against *E.coli* J5 strain. *Cell. Mol. Immunol.* 1997, 13(2):15-19.
12. **Yu XF**, Huang C, Peng SY, Ling SG. Effects of monoclonal antibodies to LPS on production and mRNA expression of IL-1 of human peripheral blood mononuclear cells in vitro. *Chin. J. Immunol.* 1997, 13(5):262-65.
13. **Yu XF**, He J, Liu HT, Huang C. High-level expression of heavy variable gene encoding human phage antibody against *E.coli* J5 strain. *Chin. J. Epidemiol.* 1997, 18(3A): 199-202.
14. **Yu XF**, Li YC, Huang C. Interaction between monoclonal antibody to core region of LPS and *E.coli* J5 cells by using gold-labeled immunostaining technique. *Chin. J. Epidemiol.* 1997, 18(3A):115-7.
15. Chen W, Huang C, Wang HT, **Yu XF**, Fu L. cDNA cloning and sequencing of the N-terminal gene of BPI from Chinese. *J. Microbiol.* 1997, 24(6): 350-3.
16. **Yu XF**, Weng HT, Huang C. Selection and characterization of human phage antibodies to *E. coli* J5 from combinatorial immunoglobulin libraries by using phage display techniques. *Prog. Biochem. Biophys.* 1996, 23(3): 245-50.
17. **Yu XF**, Huang C. Cytokines induced by bacterial endotoxin in gram-negative shock. *Shanghai. J. Immun.*, 1996, 16(3): 190-2.
18. **Yu XF**, Huang C, He J. Protective efficiency of murine monoclonal antibodies to core glycolipid region of bacterial LPS in experimental bacteraemia. *J. Monoclonal Antibody*, 1995, 11 (3-4): 17-21.
19. **Yu XF**, Huang C. New progresses on genetically engineering antibody. *Life Chem.*, 1995, 15(3): 20-2.
20. **Yu XF**. Advanced studies on pathogenic mechanism of bacterial LPS. *Microbiology* 1993, 16(5): 217-20.
21. **Yu XF**, Zhang L, Xie J. Analysis of antibiotic resistance and plasmid profile of gram-negative bacteria isolated from a urologic unit. *Acta Acad. Med. Mil. Tert.* 1992, 14 (50):463-6.
22. **Yu XF**, Leng TJ, Huang BY. Plasmid profile analysis of penicillin- resistant *Neisseria gonorrhoea* isolated in Chongqing. *Chin. J. Antimicrobial Agents.* 1992, 17(1): 68-70.
23. **Yu XF**, Tu Y. Effect of hydrogen peroxide on DNA of *Shigella*. *Chin. J. Epidemiol.* 1991, 12(5):139-41.
24. **Yu XF**, Huang BY, Leng TJ. Isolation and characterization of penicillin- resistant plasmids of *Neisseria gonorrhoea* in Chongqing, *Chin. J. Med.* 1990, 70(3):151-3.
25. **Yu XF**, Luong YG. Cox model analysis of multiple factors on lung cancer prognosis. *Chin. J. Med.* 1990, 70(3): 164-6.
26. **Yu XF**, Tu Y. Effects of hydrogen peroxide on *Candida albicans* enzymes: A quantitative study by microspectrophotometer. *Chin. J. Microbiol. Immunol.* 1988, 8(4):265-8.

赛业生物科技商务服务中心：

电话：400-680-8038 传真：020-32290580 邮箱：info@cyagen.com

网址：www.cyagen.com

广州地址：

广州市黄埔区科学城科学大道48号绿地中央广场E栋5层

苏州地址：

苏州太仓市东仓南路19号

美国地址：

2255 Martin Ave., Suite E, Santa Clara, CA 95050, U.S.A.

