



■ 实验室人员

- 肿瘤多药耐药研究单元
- 抗体工程研究单元
- 细胞凋亡研究单元
- 肿瘤基因治疗研究单元
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- 生物芯片研究单元
- 肿瘤增殖和转移研究单元
- 生物信息学研究单元

■ 肿瘤增殖和转移研究单元

聂勇战



教授，第四军医大学西京消化病医院国家肿瘤重点实验室副主任、国家肿瘤重点实验室的主要学术骨干。2002年-2005年、2005-2009年分别在美国Yale大学医学院做博士后和Associate Research Scientist工作，现为Yale大学医学院客座研究员。中国医药生物技术协会组织生物样本库分会委员。2009年被聘任为“长江学者计划”特聘教授，入选2009教育部“新世纪优秀人才支持计划”。部分研究成果获2008年国家科学技术进步一等奖。主持2010年国家“973”计划课题1项，主持国家自然科学基金3项，作为项目组主要成员参加国家自然科学基金重点项目1项和国家“973”计划课题1项。在RNA转录后修饰和蛋白的翻译后修饰等方面开展了在国际上具有相当影响的独创性研究。通过对ADAR1、STAT3及其调节蛋白SirT1的研究，获得以下重要发现：(1)率先论证了ADAR1的两个非dsRNA编辑功能。为深入认识ADAR1的生物学功能提供了一个新的视角。研究结果发表在Molecular & cellular Biology, J.B.C和Journal of Virology等

国际权威杂志上。(2)系统性地解析了STAT3的乙酰化修饰，并首次发现其对磷酸化和转录活性的增强作用，率先证实了长寿基因SirT1和STAT3蛋白间的相互作用对STAT3进行去乙酰化修饰进而下调STAT3的生物学功能，为阐明SirT1的细胞学功能提供了新的理论依据。研究的成果发表在Nature Cell Biology、PNAS和Nature Medicine等国际顶级的专业杂志上。(3)率先发现和证实了miRNA在胃癌侵袭和转移中发挥重要的作用。研究结果发表在PLOS Genetics。近年来发表SCI录用论文20篇。主要论文：

- 1) Tie J, Pan Y, Zhao L, et al Nie Y*, Fan D*. MiR-218 Inhibits Invasion and Metastasis of Gastric Cancer by Targeting the Robo1Receptor. PLOS Genetics 2010 Mar 12th Epub (共同通讯作者) (IF 8.89)
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- 3) Erion DM, Yonemitsu S, Nie Y, Nagai Y, Gillum MP, Hsiao JJ, Iwasaki T, Stark R, Weismann D, Yu XX, Murray SF, Bhanot S, Monia BP, Horvath TL, Gao Q, Samuel VT, Shulman GI. SirT1 knockdown in liver decreases basal hepatic glucose production and increases hepatic insulin responsiveness in diabetic rats. Proc Natl Acad Sci U S A. 2009 Jul 7;106(27):11288-93. (IF 9.3)
- 4) Gao Q, Mezei G, Nie Y, Rao Y, Choi CS, Bechmann I, Leranth C, Toran-Allerand D, Priest CA, Roberts JL, Gao XB, Mobbs C, Shulman GI, Diano S, Horvath TL. Anorectic estrogen mimics leptin's effect on the rewiring of melanocortin cells and Stat3 signaling in obese animals. Nat Med. 2007 Jan;13(1):89-94. (IF 26.4)
- 5) Nie Y, Hammond GL, Yang JH. Double-stranded RNA deaminase ADAR1 increases host susceptibility to virus infection. J Virol. 2007 Jan;81(2):917-23. (IF 5.33)
- 6) Nie Y, Ding L, Kao PN, Braun R, Yang JH. ADAR1 interacts with NF90 through double-stranded RNA and regulates NF90-mediated gene expression independently of RNA editing. Mol Cell Biol. 2005 Aug;25(16):6956-63. (IF 6.42)
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- 9) Sun S, Ning X, Nie Y, Fan D. It takes two to Twist. *Kidney Int.* 2009 Aug;76(4):460-1; author reply 461-2. (IF 6.4)
- 10) Zhikui L, Changcun G, Yongzhan N, Fengtian H, Xingling R, Shujun L, Zheyi H, Ying H, Xin W, Daiming F. Screening and Identification of Recombinant Anti-Idiotypic Antibodies against Gastric Cancer and Colon Cancer Monoclonal Antibodies by a Phage-Displayed Single-Chain Variable Fragment Library. *J Biomol Screen.* 2010 Feb 11 Epub (IF 2.4)
- 11) Zhang F, Ren G, Lu Y, Jin B, Wang J, Chen X, Liu Z, Li K, Nie Y, Wang X, Fan D. Identification of TRAK1 (Trafficking protein, kinesin-binding 1) as MGb2-Ag: a novel cancer biomarker. *Cancer Lett.* 2009 Feb 18;274(2):250-8. (IF 3.4)
- 12) Hu S, Guo X, Xie H, Du Y, Pan Y, Shi Y, Wang J, Hong L, Han S, Zhang D, Huang D, Zhang K, Bai F, Jiang H, Zhai H, Nie Y, Wu K, Fan D. Phage display selection of peptides that inhibit metastasis ability of gastric cancer cells with high liver-metastatic potential. *Biochem Biophys Res Commun.* 2006 Mar 24;341(4):964-72. (IF 2.75)
- 13) Nie Y, Zhao Q, Su Y, Yang JH. Subcellular distribution of ADAR1 isoforms is synergistically determined by three nuclear discrimination signals and a regulatory motif. *J Biol Chem.* 2004 Mar 26;279(13):13249-55. (IF 5.6)
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友情链接

