

新能源汽车-混合动力汽车-电动汽车酒柜-红酒柜-酒窖消毒-杀菌-灭菌巧克力-可可

首页 实验室概况 科学研究 研究队伍 成果荣誉 研究生教育 公共平台 合作交流 综合新闻 人才招聘 联系我们

当前栏目

研究员  
副研究员  
兼职专家  
荣誉专家

友情链接



公告通知

地址：天津市和平区南京路288号  
电话：022-23909999 022-23909083  
邮编：300020  
E-mail:skleh@ihcams.ac.cn

首页 > 研究队伍 > 兼职专家 >

姓 名：	王征宇	性 别：	男
职 务：		职 称：	兼职研究员
学 历：	博士	通讯地址：	缅因医学中心研究所
电 话：		邮 政 编 码：	300020
传 真：		电 子 邮 件：	wangz@mmc.org



### 教育

1982年获得华东理工大学学士学位  
1982-1989任教于东南大学医学院  
1998年获波士顿大学医学院(Boston University School of Medicine) 生物化学博士学位

### 工作

1998年-2000年在哈佛大学医学院实验血液学与AIDS病研究中心做博士后  
2000年任哈佛大学医学院讲师和麻省总医院助理研究员  
现任缅因医学中心研究所胚胎干细胞研究室主任

### 研究领域

现在主要从事干细胞的心血管再生医学的研究，在国际核心刊物诸如Nature Biotechnology《自然·生物技术》、Blood《血液》、Journal of Biological Chemistry《生物化学》等发表科学论文20余篇。

### 代表论著

- Scadden DT, Zeria M, Woon A, Wang Z, Schieve L, Ikeuchi K, Lim B, Groopman JE. Human immunodeficiency virus infection of human bone marrow stromal fibroblasts. **Blood** 76:317-22, 1990.
- Scadden DT, Wang Z, Groopman JE. Quantitation of plasma human immunodeficiency virus type 1 RNA by competitive polymerase chain reaction. **J Infect Dis** 165:1119-23, 1992.
- Wang Z, Goldberg MA, Scadden DT. HIV-1 suppresses erythropoietin production in vitro. **Exp Hematology** 21:683-8, 1993.
- Mark MR, Scadden DT, Wang Z, Gu Q, Goddard A, Godowski PJ. Rse, a novel receptor-type tyrosine kinase with homology to Axl/Ufo, is expressed at high levels in the brain. **J Biol Chem** 269:10720-8, 1994.
- Lee J, Wang Z, Luoh SM, Wood WI, Scadden DT. Cloning of FRK, a novel human intracellular SRC-like tyrosine kinase-encoding gene. **Gene** 138:247-51, 1994.
- Bennett BD, Wang Z, Kuang WJ, Wang A, Groopman JE, Goeddel DV, Scadden DT. Cloning and characterization of HTK, a novel transmembrane tyrosine kinase of the EPH subfamily. **J Biol Chem** 269:14211-8, 1994.
- Gallo KA, Mark MR, Scadden DT, Wang Z, Gu Q, Godowski PJ. Identification and characterization of SPRK, a novel src-homology 3 domain-containing proline-rich kinase with serine/threonine kinase activity. **J Biol Chem** 269:15029, 1994.
- Scadden DT, Levine JD, Bresnahan J, Gere J, McGrath J, Wang Z, Rosta, DJ, Young D, Hammer SM. In vivo effects of interleukin 3 in HIV 1 type-infected patients with cytopenia. **AIDS Research & Human Retroviruses** 11:731-40, 1995.
- Wang Z, Zhang Y, Kamen D, Lees E, Ravid K. Cyclin D3 is essential for megakaryocytopoiesis. **Blood** 86:3783-8, 1995.
- Zhang Y, Wang Z, Ravid K. The cell cycle in polyploid megakaryocytes is associated with reduced activity of cyclin B1-dependent cdc2 kinase. **J Biol Chem** 271:4266-72, 1996.
- Wang Z, Sicinski P, Weinberg RA, Zhang Y, Ravid K. Characterization of the mouse cyclin D3 gene: exon/intron organization and promoter activity. **Genomics** 35:156-63, 1996.
- Zhang Y, Wang Z, Liu DX, Pagano M, Ravid K. Ubiquitin-dependent degradation of cyclin B is accelerated in polyploid megakaryocytes. **J Biol Chem** 273:1387-92, 1998.
- Wang Z, Zhang Y, Lu J, Sun S, and Ravid K. Mpl ligand enhances the transcription of the cyclin D3 gene: a potential role for Sp1 transcription factor. **Blood** 93:4208-21, 1999.
- Zhang Y, Sun S, Wang Z, Thompson A, Kaluzhny Y, Zimmet J, Ravid K. Signaling by the Mpl receptor involves IKK and NF-kappaB. **J**

15. Poznansky MC, Olszak IT, Evans RH, Wang Z, Foxall RB, Olson DP, Weibrecht K, Luster AD, Scadden DT. Thymocyte emigration is mediated by active movement away from stroma-derived factors. **J Clin Invest** 109:1101-10, 2002.
16. Wang Z, Miura N, Bonelli A, Mole P, Carlesso N, Olson DP, Scadden DT. Receptor tyrosine kinase, EphB4 (HTK), accelerates differentiation of select human hematopoietic cells. **Blood** 99:2740-7, 2002.
17. Wang Z, Shao Y., Cohen K., Mole P., Dombkowski D. and Scadden DT. Ephrin receptor, EphB4, regulates ES cell differentiation of primitive mammalian hemangioblasts, blood, cardiomyocytes, and blood vessels. **Blood** 103:100-9, 2004.
18. Li ZJ, Xu B, Li YH, Lu SH, Zheng YZ, Yang RC, Wang Z, Qian GQ, and Han ZC. Expression of alternatively spliced isoforms of platelet endothelial cell adhesion molecule-1 of embryonic stem cells during vasculogenesis and angiogenesis (in Chinese). **Natl Med J China** [Zhonghua Yi Xue Za Zhi] 85(19):1299-304, 2005.
19. Li ZJ, Wang Z, Zheng YZ, Xu B, Yang RC, Scadden DT and Han HC. Kinetic Expression of Platelet Endothelial Cell Adhesion Molecule-1 (PECAM-1/CD31) during Embryonic Stem Cell differentiation. **J Cell Biochem** 95:559-70, 2005.
20. Li ZJ, Yang C, Tang FW, Zhang ZH, Xu B, Zhao QJ, Yang RC, Wang Z, and Han ZC. In vitro vasculogenesis and angiogenesis of mouse embryonic stem cells (in Chinese). **Acta Acad Med Sin** [Zhongguo Yi Xue Ke Xue Yuan Xue Bao] 27(1):62-6, 2005.
21. Chen T, Bai H, Shao Y, Arzigian M, Janzen V, Attar E, Xie Y, Scadden DT and Wang ZZ<sup>#</sup>. Stromal cell-derived factor-1/CXCR4 signaling modifies the capillary-like organization of human embryonic stem cell-derived endothelium in vitro. **Stem Cells** 25:392-401, 2007. (#corresponding authors)
22. Wang ZZ<sup>#</sup>, Au P, Chen T, Shao Y, Daheron LM, Bai H, Arzigian M, Fukumura D, Jain RK# and Scadden DT#. Endothelial cells derived from human embryonic stem cells form durable blood vessels in vivo. **Nat Biotechnol.** 25:317-8, 2007 (#corresponding authors).
23. Zhang H and Wang ZZ<sup>#</sup>. Mechanisms that mediate stem cell self-renewal and differentiation. **J Cell Biochem** 103(3):709-18, 2008. (#corresponding authors)
24. Bai H and Wang ZZ<sup>#</sup>. Directing human embryonic cells to generate vascular progenitor cells. **Gene Ther** 15(2):89-95, 2008. (#corresponding authors)
25. Chen K, Wu L, and Wang ZZ<sup>#</sup>. Extrinsic regulation of cardiomyocyte differentiation of embryonic stem cells. **J Cell Biochem** 104:119-28, 2008. (#corresponding authors)
26. Shao L, Feng W, Sun Y, Bai H, Liu J, Currie C, Kim J, Gama R, Wang Z, Qian Z, Liaw L, and Wu WS. Generation of iPS cells using defined factors linked via the self-cleaving 2A sequences in a single open reading frame. **Cell Res.** 19:296-306, 2009. PMC2821711
27. Bai H, Gao Y, Arzigian M, Wojchowski DM, Wu WS, Wang ZZ<sup>#</sup>. BMP4 regulates vascular progenitor development in human embryonic stem cells through a Smad-dependent pathway. **J Cell Biochem.** 109(2):363-74, 2010. PMC Journal - In Process. (#corresponding authors)
28. Sun Y, Shao L, Bai H, Wang ZZ, and Wu WS. Slug deficiency enhances self-renewal of hematopoietic stem cells during hematopoietic regeneration. **Blood** 115(9):1709-17, 2010. PMC2832807
29. Kuang SQ, Bai H, Fang ZH, Lopez G, Yang H, Tong WG, Wang ZZ, and Garcia-Manero G. Aberrant DNA methylation and epigenetic inactivation of Eph receptor tyrosine kinases and ephrin ligands in acute lymphoblastic leukemia. **Blood** 115(12):2412-9, 2010. PMC Journal -In Process
30. Shao L, Sun Y, Zhang Z, Feng W, Gao Y, Cai Z, Wang ZZ, Look AT, and Wu WS. Deletion of proapoptotic Puma selectively protects hematopoietic stem and progenitor cells against high-dose radiation. **Blood** 2010 Apr 1. [Epub ahead of print].