王平 教授、博士生导师

出生年月： 1974 年 8 月
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研究方向： 肿瘤微环境基础与转化研究
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一、学习、工作经历

2015.02- 至今	同济大学生命科学与技术学院/	
	同济大学转化医学高等研究院	教授及博士生导师
2008.07- 2015.02	华东师范大学生科院生命医学研究所	教授及博士生导师
	生命医学系系主任，生化与分子生物学学科主任	
	上海市调控生物学重点实验室	PI
2006.10-2008.06	美国耶鲁大学药理学系	博士后
2006.01-2006.10	美国康涅狄格大学健康中心	博士后
2003.01-2005.12	美国明尼苏达大学药理学系	博士后
1997.09-2002.07	中科院上海生化与细胞生物研究所	博士
1992.09-1997.07	复旦大学生命科学学院	学士

二、科研方向：泛素化修饰与细胞稳态传导：

（一） **肿瘤信号传导：**以分子、细胞及基因敲除小鼠为模型为研究手段，深入研究泛素化修饰及蛋白降解调控肿瘤发生、发展、转移及肿瘤干细胞中关键蛋白及信号通路的分子机制。

（二） **炎症信号传导：**泛素化修饰参与调控天然免疫：炎性细胞如中性粒细胞发生定向迁移的分子机制；泛素化修饰调控宿主防御的分子机制；炎症相关重大疾病。

（三） **干细胞信号传导：** 研究泛素化修饰系统对胚胎干细胞和肿瘤干细胞功能的调控。

（四） **药物筛选：**基于泛素化修饰系统的药物筛选。

三、社会（学术）兼职：

1. 国家自然科学基金函评专家、生命学部专家评审组成员
2. 中国细胞生物学会 会员
3. 上海细胞生物学会 理事， 副理事长
4. 上海免疫学会 肿瘤免疫专业委员会 委员

5. Editorial Board Member：World Journal of Biological Chemistry

四、主要荣誉或获奖：

1. 2016 年 国家基金委杰出青年基金获得者
2. 2013 年 上海市‘青年科技启明星’追踪人才计划
3. 2012 年 国家基金委优秀青年基金获得者
4. 2011 年 上海市‘曙光学者’人才计划
5. 2010 年 教育部‘新世纪人才’计划
6. 2009 年 上海市‘青年科技启明星’人才计划
7. 2006 年 AHA Postdoctoral fellowship
8. 2000 年 中科院地奥奖学金
9. 1999 年 中科院伟华奖学金

五、发表论文：（*通讯作者）

（一）五篇代表性论文：

1. L. Deng, C. Jiang, L. Chen, J. Jin, J. Wei, L. Zhao, M. Chen, W. Pan, Y. Xu, H. Chu, X. Wang, X. Ge, D. Li, L. Liao, M. Liu, L. Li, and P. Wang*. **The Ubiquitination of RagA GTPase by RNF152 Negatively Regulates mTORC1 Activation** ***Molecullar Cell*** ;58 (2015):804-18.

2. R. Li, J. Wei, C. Jiang, D. Liu, L. Deng, K. Zhang, and **P. Wang***, '**Akt Sumoylation Regulates Cell Proliferation and Tumorigenesis**', ***Cancer Res***, 73 (2013), 5742-53.

3. R. Wang, Y. Wang, N. Liu, C. Ren, C. Jiang, K. Zhang, S. Yu, Y. Chen, H. Tang, Q. Deng, C. Fu, Y. Wang, R. Li, M. Liu, W. Pan, and **P. Wang***, '**Fbw7 Regulates Endothelial Functions by Targeting Klf2 for Ubiquitination and Degradation**', ***Cell Res***, 23 (2013), 803-19.

4. J. Sun, Y. Luan, D. Xiang, X. Tan, H. Chen, Q. Deng, J. Zhang, M. Chen, H. Huang, W. Wang, T. Niu, W. Li, H. Peng, S. Li, L. Li, W. Tang, X. Li *, D. Wu *, **P. Wang *. The 11S Proteasome Subunit PSME3 Is a Positive Feedforward Regulator of NF-κB and Important for Host Defense against Bacterial Pathogens.** ***Cell Reports*** 2016 14(4):737-49

5. J. Pan, Q. Deng, C. Jiang, X. Wang, T. Niu, H. Li, T. Chen, J. Jin, W. Pan, X. Cai, X. Yang, M. Lu, J. Xiao*, and **P. Wang***, '**USP37 Directly Deubiquitinates and Stabilizes C-Myc in Lung Cancer**', ***Oncogene*** (2014)..

（二）2012-年以后论文：

1 J. Sun, Y. Luan, D. Xiang, X. Tan, H. Chen, Q. Deng, J. Zhang, M. Chen, H. Huang,

W. Wang, T. Niu, W. Li, H. Peng, S. Li, L. Li, W. Tang, X. Li *, D. Wu *, **P. Wang *.** **The 11S Proteasome Subunit PSME3 Is a Positive Feedforward Regulator of NF-κB and Important for Host Defense against Bacterial Pathogens.** ***Cell Reports*** 2016 14(4):737-49

2 W. Wang, P. Liao, M. Shen, T. Chen, Y. Chen, Y. Li, X. Lin, X. Ge***** and P. Wang. **SCP1 regulates c-Myc stability and functions through dephosphorylating c-Myc Ser62.** ***Oncogene*** (2016). 35(4):491-50

3 He C, Shi Y, Wu R, Sun M, Fang L, Wu W, Liu C, Tang M, Li Z, **Wang P**, Cong Y, Liu Z. **miR-301a promotes intestinal mucosal inflammation through induction of IL-17A and TNF-α in IBD.** ***Gut.*** (2015). gutjnl-2015-309389

4 L. Deng, C. Jiang, L. Chen, J. Jin, J. Wei, L. Zhao, M. Chen, W. Pan, Y. Xu, H. Chu, X. Wang, X. Ge, D. Li, L. Liao, M. Liu, L. Li, and **P. Wang***. **The Ubiquitination of RagA GTPase by RNF152 Negatively Regulates mTORC1 Activation** ***Molecullar Cell*** 58 (2015):804-18.

5 S. Li, C. Jiang, J. Pan, X. Wang, J. Jin, L. Zhao, W. Pan, G. Liao, X. Cai, X. Li, J. Xiao, J*. Jiang*, and **P. Wang***, '**Regulation of C-Myc Protein Stability by Proteasome Activator Reggamma**', ***Cell Death Differ*** (2015); 22(6):1000-11

6 J. Pan, Q. Deng, C. Jiang, X. Wang, T. Niu, H. Li, T. Chen, J. Jin, W. Pan, X. Cai, X. Yang, M. Lu, J. Xiao*, and **P. Wang***, '**USP37 Directly Deubiquitinates and Stabilizes C-Myc in Lung Cancer**', ***Oncogene*** (2015) 34(30):3957-67.

7 Y. Chen, L. Wang, X.Chen, X. Ge, **P. Wang***, '**An ultrasensitive system for measuring the USPs and OTULIN activity using Nanoluc as a reporter'**, ***Biochemical and Biophysical Research Communications***(2014). 455(3-4):178-83

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9 L. H. Li, M. S. Wang, G. Y. Yu, P. Chen, H. Li, D. P. Wei, J. Zhu, L. Xie, H. X. Jia, J. Y. Shi, C. J. Li, W. T. Yao, Y. C. Wang, Q. Gao, L. S. Jeong, H. W. Lee, J. Yu, F. Q. Hu, J. Mei, **P. Wang**, Y. W. Chu, H. Qi, M. Yang, Z. M. Dong, Y. Sun, R. M. Hoffman, and L. J. Jia, '**Overactivated Neddylation Pathway as a Therapeutic Target in Lung Cancer',** ***Jnci-Journal of the National Cancer Institute***, 106 (2014). 106(6)

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13 R. Li, J. Wei, C. Jiang, D. Liu, L. Deng, K. Zhang, and **P. Wang***, '**Akt Sumoylation Regulates Cell Proliferation and Tumorigenesis**', ***Cancer Res***, 73 (2013), 5742-53.

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15 Z. Qiu, M. Liu, Z. Chen, Y. Shao, H. Pan, G. Wei, C. Yu, L. Zhang, X. Li, **P. Wang**, H. Y. Fan, B. Du, B. Liu, M. Liu, and D. Li, '**High-Efficiency and Heritable Gene Targeting in Mouse by Transcription Activator-Like Effector Nucleases**', ***Nucleic Acids Res***, 41 (2013), (11):e120

（三）2008-2012 年发表论文：

1 N. Xiao, H. Li, J. Luo, R. Wang, H. Chen, J. Chen, and **P. Wang**, '**Ubiquitin-Specific Protease 4 (Usp4) Targets Traf2 and Traf6 for Deubiquitination and Inhibits Tnfalpha-Induced Cancer Cell Migration**', ***Biochem J***, 441 (2012), 979-86.

2 Q. Wang, X. Xu, J. Li, J. Liu, H. Gu, R. Zhang, J. Chen, Y. Kuang, J. Fei, C. Jiang, **P. Wang**, D. Pei, S. Ding, and X. Xie, '**Lithium, an Anti-Psychotic Drug, Greatly Enhances the Generation of Induced Pluripotent Stem Cells**', ***Cell Res***, 21 (2011), 1424-35.

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4 C. Li, Z. Yang, Z. Li, Y. Ma, L. Zhang, C. Zheng, W. Qiu, X. Wu, X. Wang, H. Li, J. Tang, M. Qian, D. Li, **P. Wang**, J. Luo, and M. Liu, '**Maslinic Acid Suppresses Osteoclastogenesis and Prevents Ovariectomy-Induced Bone Loss by**

Regulating Rankl-Mediated Nf-Kappab and Mapk Signaling Pathways', ***J Bone Miner Res***, 26 (2011), 644-56.

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7 Z. Wang, B. Liu, **P. Wang**, X. Dong, C. Fernandez-Hernando, Z. Li, T. Hla, Z. Li, K. Claffey, J. D. Smith, and D. Wu, '**Phospholipase C Beta3 Deficiency Leads to Macrophage Hypersensitivity to Apoptotic Induction and Reduction of Atherosclerosis in Mice**', ***J Clin Invest*****,** 118 (2008), 195-204.

（四）博士及博士后发表论文：

1. **P. Wang**, J. Nie, and D. Pei, '**The Hemopexin Domain of Membrane-Type Matrix Metalloproteinase-1 (Mt1-Mmp) Is Not Required for Its Activation of Prommp2 on Cell Surface but Is Essential for Mt1-Mmp-Mediated Invasion in Three-Dimensional Type I Collagen**', ***J Biol Chem***, 279 (2004), 51148-55.

2 **P. Wang**, X. Wang, and D. Pei, '**Mint-3 Regulates the Retrieval of the Internalized Membrane-Type Matrix Metalloproteinase, Mt5-Mmp, to the Plasma Membrane by Binding to Its Carboxyl End Motif Ewv**', ***J Biol Chem***, 279 (2004), 20461-70.

3 **P. Wang**, M. Tortorella, K. England, A. M. Malfait, G. Thomas, E. C. Arner, and D. Pei, '**Proprotein Convertase Furin Interacts with and Cleaves Pro-Adamts4 (Aggrecanase-1) in the Trans-Golgi Network**', ***J Biol Chem***, 279 (2004), 15434-40.

4 **P. Wang**, H. Gao, Y. Ni, B. Wang, Y. Wu, L. Ji, L. Qin, L. Ma, and G. Pei, '**Beta-Arrestin 2 Functions as a G-Protein-Coupled Receptor-Activated Regulator of Oncoprotein Mdm2**', ***J Biol Chem***, 278 (2003), 6363-70.

5 **P. Wang**, Y.L. Wu, X. Ge, L. Ma, and G. Pei, '**Subcellular Localization of Beta-Arrestins Is Determined by Their Intact N Domain and the Nuclear Export Signal at the C Terminus**', ***J Biol Chem***, 278 (2003), 11648-53.

6 **P. Wang**, Y. L. Wu, T. H. Zhou, Y. Sun, and G. Pei, '**Identification of Alternative Splicing Variants of the Beta Subunit of Human Ca(2+)/Calmodulin-Dependent Protein Kinase Ii with Different Activities**', ***FEBS Lett***, 475 (2000), 107-10.

7 Q. Jing, S. M. Xin, W. B. Zhang, **P. Wang**, Y. W. Qin, and G. Pei, '**Lysophosphatidylcholine Activates P38 and P42/44 Mitogen-Activated Protein Kinases in Monocytic Thp-1 Cells, but Only P38 Activation Is Involved in Its Stimulated Chemotaxis**', ***Circ Res*****,** 87 (2000), 52-9.24

8 K. Ling, **P. Wang**, J. Zhao, Y. L. Wu, Z. J. Cheng, G. X. Wu, W. Hu, L. Ma, and G. Pei, '**Five-Transmembrane Domains Appear Sufficient for a G Protein-Coupled Receptor: Functional Five-Transmembrane Domain Chemokine Receptors**', ***Proc Natl Acad Sci U S A*****,** 96 (1999), 7922-7.

9 J. Qiu, **P. Wang**, Q. Jing, W. Zhang, X. Li, Y. Zhong, G. Sun, G. Pei, and Y. Chen, '**Rapid Activation of Erk1/2 Mitogen-Activated Protein Kinase by Corticosterone in Pc12 Cells**', ***Biochem Biophys Res Commun***, 287 (2001), 1017-24.

10 L. Lou, T. Zhou, **P. Wang**, and G. Pei, '**Modulation of Ca2+/ Calmodulin-Dependent Protein Kinase II Activity by Acute and Chronic Morphine Administration in Rat Hippocampus: Differential Regulation of Alpha and Beta Isoforms**', ***Mol Pharmacol***, 55 (1999), 557-63.

11 J. Zhao, L. Ma, Y. L. Wu, **P. Wang**, W. Hu, and G. Pei, '**Chemokine Receptor Ccr5 Functionally Couples to Inhibitory G Proteins and Undergoes Desensitization**', ***J Cell Biochem****,* 71 (1998), 36-45.

（四）综述文章：

1. Y. Luan and **P. Wang*,** '**FBW7-mediated ubiquitination and degradation of KLF5'. *World J Biol Chem.*** (2014);5(2):216-23