

专家风采

王国民

复旦大学附属中山医院泌尿外科教授、主任医师、博士研究生导师、复旦大学泌尿外科研究所顾问。现任上海市中西医结合学会泌尿男科专业委员会主任委员、上海市计划生育与生殖健康学会副理事长。担任《Asian Journal of Andrology》、《中华泌尿外科杂志》、《中华实验外科杂志》等13本学术期刊的编委或副总编。曾获得上海市育才奖、中国内镜杰出领袖奖等。享受国务院政府特殊津贴。

主要科研兴趣 泌尿系肿瘤疾病的基础及其临床转化研究；高新技术在泌尿外科领域的应用研究。

主要科研项目 多次承担国家和上海市自然科学基金项目。2008年“211”三期医学学科建设项目1项。2011年“985”三期医学学科建设项目子课题(前列腺癌转移研究)。

主要研究成果

-在国际上最早使用“FEP-BY01高能超声体外聚焦热疗机”开展HIFU技术治疗泌尿系肿瘤的热效应的基础与临床系列研究；

-在国际上率先开展细胞因子及其微环境对前列腺癌肿瘤干细胞的分化诱导及干预，为难治性前列腺癌的研究开辟新方向；

-在国内最早建立兔膀胱出口部分梗阻的动物模型，并研究膀胱逼尿肌形态和功能的细胞分子水平的变化；

-在国内最早进行后腹腔入路的临床局部解剖研究，并开创后腹腔入路的腹腔镜下泌尿外科手术；

-完成国内首例声控机器人(AESOP)辅助腹腔镜肾手术，开创国内泌尿外科领域应用机器人的时代。

主要学术著作

连续参编三版国家级规划教材《外科学》，并担任泌尿外科分编负责人；担任《临床外科学》、《实用外科学》等著作主编/副主编。担任《辞海》第六版外科学分编主编。至今已在国内外学术期刊发表论文120余篇。

EXPERTS IN CHINA

Prof. Guo-Min Wang is a doctoral supervisor and the consultant of Urological Institute Fudan University, Shanghai, China. Prof. Wang now serves as the chairman of Shanghai Integrative Medicine Academic Society genitor-urinary specialized committee and vice president of Shanghai Family Planning and Reproductive Health committee. Prof. Wang has been appointed as the editorial board member or deputy editor in more than 10 professional journals such as *Asian Journal of Andrology*, *Chinese Journal of Urology* and *Chinese Journal of Experimental Surgery*. Meanwhile he is the chief editor of both the urology section of the national surgery textbook and the surgery section of *Ci Hai 6th version*. He also won the Chinese Leadership Award in Endoscopy and earned the Special Government Allowance.



Participating and presiding over several research projects of the National Natural Science Foundation of China, Natural Science Foundation of Shanghai, Medical Science and Technology Foundation of the Health Ministry, Prof. Wang's researches have also been supported by the discipline construction foundation of "Project 211" and "Project 985". Actively involved in research and discovery with advancing programs, Prof. Wang was the pioneer in many fields. Internationally, he was one of the first to apply high intensity focused ultrasound (HIFU) to treat urological oncology and investigate its basic mechanism, also he firstly developed the study of the cytokine and its microenvironment's affect on the induction of differentiation and interference of the prostate cancer stem cell, which explored a new approach for the study of hormone refractory prostate cancer (HRPC). Domestically, Prof. Wang was the first one to build an animal model for rabbit bladder outlet obstruction; the first one to make a clinical local anatomy research for retroperitoneal approach and explore the retroperitoneal laparoscopy for urology; and as well the first one to perform the vocal controlled robot (AESOP) assisted laparoscopic renal surgery which initiated the urological robotic era in China.