

## 英文版导师简介



**Dake Chu**

**Associate Professor**

**Research Areas:** Gastrointestinal cancer; Cellular and molecular biology

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**Cui Wei**

**Associate Professor**

**Research Areas:**

Pathogenesis of diabetes, prevention and treatment of complication of diabetes, clinical research on endocrine hypertension.

**E-mail:** doctorweiwei.cui@126.com

**Homepage:**

Visiting Student sponsored by Government of McGill University, Canada.

Distinguished Professor of Global Health institute in Xi 'an Jiaotong University.

Deputy leader of the expert group for the standardized diagnosis and treatment of hypertension and diabetes at grassroots level in Shaanxi Province.

Primary reviewer of National Natural Science Foundation of China.

Trained 4 doctoral students and 18 master students.

Published more than 60 articles on SCI and Chinese core journals.

Undertaken multiple national and provincial medical projects.

Appointed committee of Chinese Diabetes Society, of China Association of Gerontology and Geriatrics, of Endocrine and metabolism Branch of Chinese Geriatrics Society, of Translational medicine Branch of Chinese Geriatrics Society, of Chinese Society of Microcirculation.

Employed as the Standing Committee and deputy director of Diabetes Branch of Shaanxi Province Medical Association, as committee of Endocrine Branch of Shaanxi Province Medical Association, of Growth and Development Branch of Society of Shaanxi Province Health Care Association.  
Employed as the standing Committee of Geriatrics Society of Xi' an medical association and Diabetes Society of Xi' an medical association.



**Fenling Fan, Associate Professor**

**Research Areas:** Pulmonary Vascular Disease (PE, PAH ect.), Structural Heart Diseases, Paradox Stroke (PFO, LAA), Hypertension, Coronary Heart Diseases, Heart Failure, Myocardial Diseases.

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Mobile Phone : 86-151 029 16660

**Homepage:**

**PI of 3 projects of National Natural Science Foundation of China (NSFC); PI of 3 National Multicenter Research Projects**, 2 international RCT clinic trials, PI of 3 provincial grants and 3 university supported projects. In charging of 2 projects of University projects for new medical technique. Published about 100 full-text papers in domestic and international journals including **ATVB, JAHA, Diabetes, International Journal of Cardiology, Inflamm Bowel Dis ect.**, and abstracts on **JACC, Circulation, Heart, Lung and Circulation ect.**

**Awarded** the excellent doctorate student of the Xi'an Jiaotong University. Doctor dissertation was assigned as excellent decoratetor theses in medicine college of the Xi'an Jiaotong University. 2 clinic projects, for new medical strategy and technologies, were awarded prize from the First Affiliated Hospital of Xi'an Jiaotong University.

**Members of domestic and international medical societies** including SCAI, AHA, ESC, ISVS, CSANZ ISHR and Chinese Heart Association, National Cardivascular Society, Pulmonary Hypertension Group of Chinese Doctor Association, Diabetes Feet Society ect.

**WEI GAO**

Associate researcher, Doctoral supervisor, Attending doctor

**Research Areas:**

1. Basic research: Perioperative regulation of blood-brain barrier function and its related nano-carriers
2. Clinical research: Perioperative protection of vital organs function

**Social Appointments:**

Fund assessor of National Natural Science Foundation of China

Member of the Clinical and Translational Medicine Research Section of the 13th Committee of Chinese Association of Anesthesiologists

Scientific adviser to the International Symposium on Blood Substitutes and Oxygen Therapeutics (ISBS)

Vice chairman of the Youth Committee of the Ninth Committee of Chinese Medical Association Shaanxi Branch

**Research Programs:**

National Natural Science Foundation of China 3 items

Scientific Research Program of Shaanxi Province 4 items

Young Scholar Research Grant of Chinese Anesthesiologist Association 4 items

University-level research fund 1 item

Hospital-level research fund 1 item

Research funding up to 2.84 million yuan

**Awards:**

The New Scientific and Technological Star of Shaanxi Province in 2019

The Young Top-notch Talent of Shaanxi Province in 2020

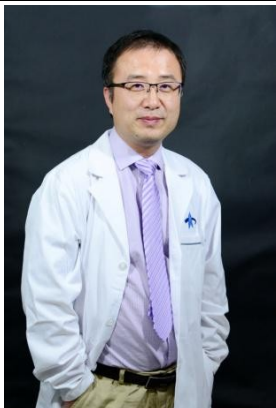
**Performance:**

Obtained 4 national patents

Published 19 SCI articles( $\sum IF \geq 80$ ), of which 2 articles  $IF > 10$

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### HUI GUO

Associate Professor

**Research Areas:**

to explore the pathogenesis and management of endocrine and metabolic diseases

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**Homepage:**

**CV of HUI GUO**

Dr. Hui Guo now is a deputy chief physician and the deputy director of division of endocrinology and metabolism of the First Affiliated Hospital of Xi'an Jiaotong University, P.R. of China. Guo graduated from Xi'an Medical University(now the School of Medicine, Xi'an Jiaotong University) in 1996. Then he spent most of his career in the first affiliated hospital of Xi'an Jiaotong University and has been engaged both in the clinical work for the management of endocrine and metabolic diseases and in the research work for the exploring of pathogenesis and management of endocrine and metabolic diseases. Dr Guo has authored a number of original papers and reviews, covering both clinical and experimental aspects of thyroid disorders, as well as diabetes and other endocrine & metabolic disorders. Dr. Guo now is the reviewer of Chinese Journal of Diabetes Mellitus and Journal of Xi'an Jiaotong University(Medical edition). Dr. Guo is currently the committee member of the 9th Chinese Academic Society of Diabetes branch in new technical of diabetes monitoring and treatment, the member of China rare diseases association branch in hypothalamic-pituitary disease, the standing committee member of the 5th Shaanxi Academic Society of Diabetes, the standing committee member of the 10th Shaanxi Academic Society of Endocrinology, the deputy chairman of committee of the 3rd Xi'an Academic Society of Endocrinology & Diabetes. Dr. Guo has published many papers and book chapters, edited two books, supported by the National Nature Science Foundation of China.



### He YingLi

Associate Professor

**Research Area(s):**

COVID-19, encephalitis, hepatitis, AIDS, Tropical Diseases, TB, SDT, nosocomial infection, control and management of infectious disease, rapid diagnosis of infectious diseases, fever of unidentified origin, molecular biomedicine

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## Pengcheng He

### Professor of Hematology

**Research Areas:** Dr. He is leading a group in the Department of Hematology, mainly engaged in the diagnosis, treatment and research of malignant hematological diseases. He specializes in the diagnosis and treatment of leukemia, lymphoma, myeloma, aplastic anemia, etc. He has long been responsible for the transfer of hematopoietic stem cells, and has accumulated rich clinical experience in hematopoietic stem cell transplantation.

**E-mail:** [hepc@163.com](mailto:hepc@163.com)

### Professional Education

2004.09-2008.01 M.D. Internal Medicine, Xi'an Jiaotong University

2000.09-2003.07 M.S. Internal Medicine, Xi'an Jiaotong University

1992.09-1997.07 B.S. Clinical Medicine, Xi'an Jiaotong University

### Experience

2015.07-Present Chief Doctor/Professor/Doctoral Supervisor, Department of Hematology, The First Affiliated Hospital of Xi'an Jiaotong University

2010.07-2015.07 Associate Chief Doctor/Associate Professor, Department of Hematology, The First Affiliated Hospital of Xi'an Jiaotong University

2002.07-2010.07 Attending, Department of Hematology, The First Affiliated Hospital of Xi'an Jiaotong University

1997.07-2002.07 Resident, Department of Hematology, The First Affiliated Hospital of Xi'an Jiaotong University

2013.06-2013.12 Visiting Scholar, University of Toronto, Mount Sinai Hospital

2010.08-2010.11 Visiting Scholar, Department of Hematology and Oncology, Taiwan Taipei Veterans General Hospital

### Appointments

1. Director of the Department of Hematology, The First Affiliated Hospital of Xi'an Jiaotong University.
2. Member of Lymphocyte Disease Group, Hematology Branch, Chinese Medical Association.
3. Member of Lymphatic Hematology Group, Oncology Branch, Chinese Medical Association.
4. Member of Hematologic Oncology Committee of Chinese Anti-Cancer Association.
5. Member and Secretary of Blood Diseases Branch of Shaanxi Medical Association.
6. Chairman of the Professional Committee of Tumor Immunodiagnosis and Treatment of Shaanxi Anti-Cancer Association.
7. Chairman-elect Member of the Professional Committee of Leukemia of Shaanxi Anti-Cancer Association.

### Publications

1. Shuguang Wen, Weili Wang, Ruimin Liu, **Pengcheng He**. Amylase-protected Ag nanodots for in vivo fluorescence imaging and photodynamic therapy of tumors. International Journal Nanomedicine. 2020,15:

3405—3414.

2. Xiaoning Wang, Mei Zhang, **Pengcheng He**. Pre-infusion single-dose mesenchymal stem cells promote platelet engraftment and decrease severe acute graft versus host disease without relapse in haploidentical peripheral blood stem cell transplantation. *Journal of International Medical Research*. 2020,48: 300060520920438.
3. Ying Zhang, Caili Guo, Chunhong Sun, Ying Chen, Huachao Zhu, Jieying Xi, Mei Zhang, **Pengcheng He**, Xiaoning Wang. High proportions of CD3<sup>+</sup> T cells in grafts delayed lymphocyte recovery and reduced overall survival in haploidentical peripheral blood stem cell transplantation. *Molecular and Clinical Oncology*. 2020,12: 574–580.
4. Xiaoning Wang, Caili Guo, Chunhong Sun, Mei Zhang, **Pengcheng He**. Association of gut decontamination and graft versus host disease in allogeneic hematopoietic stem cell transplantation: a meta-analysis. *International Journal of Clinical and Experimental Medicine*. 2018,11: 10336–10343.
5. **Pengcheng He**, Yanfeng Liu, Mei Zhang. Prohibitin promotes apoptosis of acute promyelocytic leukemia induced by arsenic sulfide (As<sub>4</sub>S<sub>4</sub>). *International Journal of Oncology*. 2015, 47: 2286–2295.
6. Fan Niu, Jin Yan, Bohan Ma, Shichao Li, Yongping Shao, **Pengcheng He**, Wanggang Zhang, Wangxiao He, Peter X. Ma, Wuyuan Lu. Lanthanide-doped nanoparticles conjugated with an anti-CD33 antibody and a p53-activating peptide for acute myeloid leukemia therapy. *Biomaterials*. 2018,167: 132–142.
7. Yuan Wang, **Pengcheng He**, Yanfeng Liu, Jun Qi, Mei Zhang. Construction of SET overexpression vector and its effects on the proliferation and apoptosis of 293T cells. *Molecular Medicine Reports*. 2016,13: 4329–4334.
8. **Pengcheng He**, Yanfeng Liu, Mei Zhang, Xiaoning Wang, Huaiyu Wang, Jieying Xi, Kaihua Wei, Hongli Wang, Jing Zhao. Establishment of two-dimensional gel electrophoresis profiles of the human acute promyelocytic leukemia cell line NB4. *Molecular Medicine Reports*. 2012,6: 570–574.
9. Yanfeng Liu, **Pengcheng He**, Feng Liu, Naicen Zhou, Xiaoyan Cheng, Lili Shi, Huachao Zhu, Jing Zhao, Yuan Wang, Mei Zhang. Tetra-arsenic tetra-sulfide (As<sub>4</sub>S<sub>4</sub>) promotes apoptosis in retinoid acid-resistant human acute promyelocytic leukemia NB4-R1 cells through downregulation of SET protein. *Tumor Biology*. 2014,35: 3421–3430.
10. Yanfeng Liu, **Pengcheng He**, Feng Liu, Lili Shi, Huachao Zhu, Xiaoyan Cheng, Jing Zhao, Yuan Wang, Mei Zhang. Prognostic significance of B-cell lymphoma 2 expression in acute leukemia: A systematic review and meta-analysis. *Molecular and Clinical Oncology*. 2014,2: 411–414.

#### **Clinical Trails**

1. Co-transplantation of haplo-identical peripheral blood stem cells and mesenchymal stem cells for aplastic anaemia: a randomized, controlled clinical study.
2. ET019002-T cell therapy for refractory and relapsed B cell hematological malignancies.

#### **Funding**

1. National Natural Science Foundation of China, No. 30701133, Proteomics study of apoptosis induced by realgar in retinoid-resistant leukemic cells and functional verification of differential proteins, 2007/01-2010/12, RMB

- 180,000, completed , Host
2. National Natural Science Foundation of China Youth Fund Project, No. 81000218, Applied proteomics to study the molecular mechanism of oncoprotein SET in realgar-induced apoptosis of retinoic acid-resistant leukemia cells, 2011/01-2013/12, RMB 200,000, completed, Participant.
  3. Shaanxi Provincial Science and Technology Co-ordination and Innovation Project, No. 2012 KTCL03-12, R&D of retinoic acid/realgar double induced compound preparation, 2012/01-2015/12, RMB 500,000, completed, Host.
  4. Shaanxi Provincial Science and Technology Department Major Industrial Chain Project, Research and development of nanorobin A and its application in leukemia, 2018/01-2021/12, RMB 900,000, under study, Host.

**Awards and Honors**

1. First Prize of Science and Technology Progress Award, Shaanxi Provincial Department of Education, 2012
  2. Second Prize of Science and Technology Progress Award, Shaanxi Province Science and Technology Department, 2012
- Second prize of Science and Technology Progress Award, Shaanxi Province Science and Technology Department, 2016



**Bo Kou**

Associate Professor

**Research Area(s):**

Clinical and basic researches of Maxillo-facial Region、 Head and Neck Tumors

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**Enxiao Li**

Professor, Director of Medical Oncology

**Research Areas:**

**Basic research:** anti-tumor angiogenesis therapy and immunotherapy for malignant tumors;

**Clinical research:** comprehensive treatment of cancer, specialized in gastrointestinal tumor, malignant lymphoma, neuroendocrine neoplasm, pancreatic and cholangiocarcinoma.

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**Hui Li**

Professor

**Research Area(s):**

1. The clinical research on the interaction between perinatally maternal anxiety and depression and infant-mother attachment
2. The basic and clinical research on brain function and behavior development in high-risk infants under 3years old.

**E-mail:** huili@xjtu.edu.cn

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**Sida Qin**

Associate Professor

**Research Area(s):**

Oncology (Lung cancer)

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**Homepage:** <http://medgs.xjtu.edu.cn/info/1372/8366.htm>





**Juan Ren**

Professor

**Research Area(s):**

Mechanism of tumor metastasis and angiogenesis, and Mechanism of tumor immune escape

**E-mail:** 869491533@qq.com

**Homepage:**

She is engaged in clinical and scientific research of oncology and has published 40 SCI articles as the first author and (or) the corresponding author. She did postdoctoral research in Cleveland Clinic Foundation from 2003 to 2008. She has participated in 4 research programs funded by National Social Science Fund and 4 by provincial government.



**REN Yu**

Associate Professor

**Research Area(s):**

Clinical and Basic Research of Breast Cancer

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**Homepage:** <http://medgs.xjtu.edu.cn/info/1412/8174.htm>



**SUN Xuejun**

Professor

**Research Area(s):**

1. The basic and clinical research of digestive system tumors.
2. Diagnosis and treatment of gastrointestinal diseases; Minimally invasive abdominal surgery.

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**Kangsheng Tu**

Associate Professor

**Research Area(s):**

Hepatocellular carcinoma; Tumor microenvironment and metastasis.

**E-mail:** tu.kangsheng@xjtu.edu.cn

**Homepage:**



**WANG Qiang**

Professor, Chief physician, Doctoral supervisor, Chairman in Department of Anesthesiology and Perioperative Medicine

**Research Areas:**

1. Basic research: Brain protective mechanism and translational medicine research
2. Clinical research: Perioperative vital organs protection and acupuncture

**Social Appointments:**

Member of Chinese Society of Anesthesiology (CSA)

Member of Chinese Association of Anesthesiologists (CAA)

Editor of Chinese Journal of Anesthesiology

Editor of Journal of Clinical Anesthesiology

**Research Programs:**

National Science and Technology Support Program, 1item

National Natural Science Foundation of China, 5 items

Overseas, Hong Kong & Macao Scholars Collaborated Researching Fund, 2 items

Research grant up to 10.85 million RMB

**Awards:**

First prize for National Science & Technology Award, 1 item

First prize for Science % Technology Award of Shaanxi Province, 3 items

**Performance:**

Obtained 22 national patents

Published 109 SCI articles

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**WANG XIAOQIN**

**Professor**

**Research Areas:** Tumor Immunity and Clinical laboratory diagnostics

**E-mail:** 1493722680@qq.com

**Homepage:**



Wu Qifei MD; PhD

**Associate Professor**

Dr. Qifei Wu is a Staff Thoracic Surgeon in the Division of Thoracic Surgery at The First Affiliated Hospital of Xi'an Jiaotong University. He has continued to improve the quality and capability of minimally invasive surgery in thoracic cancer.

In the same time, he is an associate research professor with special interest in molecular mechanism of thoracic cancer as well as lung injury.

**Research Areas:**

lung cancer;

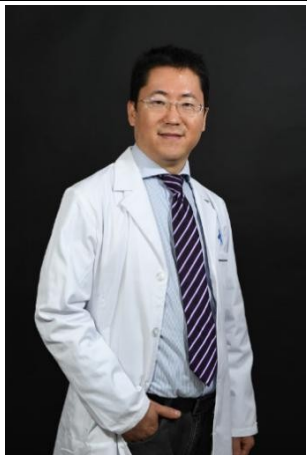
Esophageal cancer;

Lung transplantation;

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**ORCID iD**

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**Xia Peng**

**Professor**

**Research Areas:**

Professional research direction: minimally invasive surgery for gastric cancer, colorectal cancer and esophageal cancer, gastrointestinal stromal tumor surgery, retroperitoneal tumor surgery, focusing on Da Vinci robot and minimally invasive laparoscopic surgery.

Academic research direction: molecular mechanism of tumorigenesis; study on the biological role and mechanism of exosomes in tumor.

**E-mail:**

12614104@qq.com

**Homepage:**

Chief physician, postdoctoral, Postgraduate supervisor, Co-doctoral supervisor

Presided over and participated in a number of national natural science funds, provincial funds.

Undertake:

Young member of Chinese Society of Clinical Oncology (CSCO)

Young member of special Committee of Gastric cancer of Chinese Association against Cancer

Member of the Robotic Surgery Committee of the Colorectal Cancer Committee of the Chinese Medical Association

Chairman Designate of Artificial Intelligence and Robotics, Shaanxi Anti-Cancer Association

Vice Chairman of the Professional Committee of esophageal Cancer of Shaanxi Anti-cancer Association  
Click the personal homepage for details : <http://medgs.xjtu.edu.cn/info/1412/7068.htm>



**YANG Jin**  
**Professor**

**Research Areas:**

- a. Mechanism of Invasion, metastasis and therapeutic resistance of breast cancer.
- b. Early molecular diagnosis and targeted therapy of tumor.

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**Homepage:**

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**Wenfang YANG**

Professor, Chief physician  
Ph.D. M.D. M.P.H.

**Research Area(s):**

- Eugenics and birth defects prevention and control
- Big data analysis of maternal and child health
- Maternal and child health care
- Female reproductive health
- Endocrinology in gynecology and obstetrics

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**Homepage:** <http://medgs.xjtu.edu.cn/info/1383/6763.htm>



**ZHANG FENG**

Associate investigator

**Research Area(s):**

- 1) Genome-wide studies of gene regulation
- 2) Regulation of pituitary stem cells

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**Homepage:** <http://www.xjtu.edu.cn/jsnr.jsp?urltype=tree.TreeTempUrl&wbtreeid=1632&wbwbxjtuteacherid=1440>



**ZHANG Yan**

Associate Research Fellow

**Research Area(s):** Regulation mechanism of bone remodeling, bone-fat crosstalk, molecular basis of bone loss disease

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**Homepage:** <http://gr.xjtu.edu.cn/web/zhangyan1114>



**Yong Zhang**

**Department of Surgical Oncology**

**Associate Professor**

**Research Areas:**

Breast cancer, digestive system cancer, minimal invasive surgery and robotic surgery

**E-mail:** [yongzhang761@mail.xjtu.edu.cn](mailto:yongzhang761@mail.xjtu.edu.cn)

**Homepage:**



**Yan Zhou**

Associate Professor

**Research Area(s):**

Immunological diseases of the skin, including psoriasis

**E-mail:** [yanzhou7798@xjtu.edu.cn](mailto:yanzhou7798@xjtu.edu.cn);

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Liu Di

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Homepage: [di.liu.gr.xjtu.edu.cn](http://di.liu.gr.xjtu.edu.cn)

**Research interests:**

- 1) Comprehensive invasion and metastasis network in breast cancer cell cycle. Prediction of sentinel node metastasis for breast cancer via molecular identification.
- 2) Pathogenesis of nonpalpable calcification in breast disease.
- 3) Translational epigenetics and genetics in perineural invasion of digestive cancer.
- 4) Integrate therapy for thyroid, digestive tract tumors and clinical and basic medical research.

**Experience :**

2013—now The Second Affiliated Hospital, Xi'an Jiaotong University, Associate Professor. 2010—2012 Garvan Medical Research Institute, NSW University, Sydney, Australia. Visiting Scholar.  
2006—2009 The First Affiliated Hospital, Xiamen University, China. Attending doctor.  
2002—2003 Shaanxi Cancer Hospital, China. Resident doctor.

**Education :**

2009-2013, Oncology, Xi'an Jiaotong University, Shaanxi, China, Ph.D.  
2003-2006, Oncology, Fujian Medical University, Fuzhou, China, Master.  
1997-2002, Clinical medicine, Xi'an Jiaotong University, Shaanxi, China, Bachelo

**Honor & Awards :**

2019 The Backbone Scientist Award of the Second Affiliated Hospital, Xi'an Jiaotong University  
2019 The Classical Online Course of Shaanxi College  
2019 The Excellent teacher of the Second Affiliated Hospital, Xi'an Jiaotong University  
2018 The Third Prize, Excellent paper of Shaanxi Anti-Cancer Association  
2018 The Excellent Prize of Shaanxi College Teacher Online Course Contest  
2017 The Third Prize of Shaanxi College Teacher Online Course Contest  
2016 New Technique Award of Xi'an Jiaotong University  
2015 The Third Prize of the Nobel Laureates Summit  
2013 The Young Scientist Award of the Second Affiliated Hospital, Xi'an Jiaotong University  
2012 The third prize of Fujian Provincial Science and Technology Award  
2011 The third prize of Fujian Provincial Science and Technology Award  
2008 The first prize of Science and Technology Award of Xiamen

**Representative Publications :**

- 1) **Di Liu**, Lingqin Song , Zhijun Dai, Haitao Guan, Huafeng Kang , Yinbin Zhang, Wanjun Yan, Xiaoyao Zhao, Shuqun Zhang.miR-429 suppresses neurotrophin-3 to alleviate perineural invasion of pancreatic cancer. Biochem Biophys Res Commun. 2018,505(4):1077-1083
- 2) **Di Liu**, Meng Wang, Tian Tian , Xi-Jing Wang , Hua-Feng Kang , Tian-Bo Jin, Shu-Qun Zhang, Hai-Tao Guan, Peng-Tao Yang, Kang Liu, Xing-Han Liu, Peng Xu, Yi Zheng, Zhi-Jun Dai . Genetic polymorphisms (rs10636 and rs28366003) in metallothionein 2A. Aging, 2017, 9(2):547-555



- 3) Liang Li, Huijuan Liu, Lianjiang Du, Pan Xi, Qian Wang, Yanqin Li, **Di Liu** \*. miR-449a supresses LDHA-mediated glycolysis to enhance the sensitivity of non-small cell lung cancer cells to ionizing radiation . Oncology Research, 2018, 26(4):547-556
- 4) **Di Liu** , Yi Zheng , Meng Wang, Yujiao Deng, Shuai Lin, Linghui Zhou, Pengtao Yang, Cong Dai , Peng Xu, Qian Hao, Dingli Song , Huafeng Kang , Zhijun Dai . Four common polymorphisms of BRIP1 (rs2048718, rs4988344, rs4986764, and rs6504074) and cancer risk: evidence from 13,716 cancer patients and 15,590 cancer-free controls. Aging, 2018, 10(2):266-277
- 5) **LIU Di**, ZHANG Yin bin, YAN Wan jun, ZHAO Xiaoyao, SHENG Qianwen, XU Peng, GUAN Hai tao ZHANG Shu Qun. miRNA-200b suppresses triple negative breast cancer cells in vitro. Journal of Xi'an Jiaotong University(Medical Sciences), 2018, 39(5):743-746
- 6) **LIU Di**, ZHANG Yin bin, SONG Lingqin, YAN Wan jun, ZHAO Xiaoyao, SHENG Qianwen, XU Peng, ZHANG Shu Qun. miRNA-34a regulate sensitivity to 5-Fu in gastric cancer cells. Northwest Pharmaceutical Journal. 2018, 33(5):658-661

**Liu Di**, Zhang Yinbin, Yan Wanjun, Zhao Xiaoyao, Sheng Qianwen, Xu Peng, Dai Zhijun, Zhang Shuqun. The inhibiton of miRNA-34a on breast cancer cells MCF-7, MDA-MB-231 proliferation and invasion. Modern Oncology, 2018, 26(14):2156-2159



XueJiaHong

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Research interests:

1. The mechanism and prognosis of atrial fibrillation
2. Radiofrequency ablation for all kinds of arrhythmia
3. Atherosclerosis

Experience

12/2014 – Now, Associate Professor, Department of Cardiology, the Second Affiliated Hospital of Xi'an Jiaotong University, China

12/2013 –12/2014 Associate research fellow, Department of Cardiology, the Second Affiliated Hospital of Xi'an Jiaotong University

12/2008 – 12/2013, Attending Doctor, Department of Cardiology, the Second Affiliated Hospital of Xi'an Jiaotong University

### Education

09/1996 - 07/2001, Bachelor's Degree, Medicine School of Xi'an Jiaotong University, major in Clinical Medicine

09/2002 -03/2005, Master's Degree , Medicine School of Xi'an Jiaotong University, major in Internal Medicine

03/2005 -12/2008, Doctor's Degree, Medicine School of Xi'an Jiaotong University, major in Cardiovascular Medicine

### Representative Publications :

1. **Xue JH**, Yuan Z, Wu Y, Liu Y, Zhao Y, Zhang WP, Tian YL, Liu WM, Liu Y, Kishimoto C. High Glucose Promotes Intracellular Lipid Accumulation in Vascular Smooth Muscle Cells by Impairing Cholesterol Influx and Efflux Balance. [J]. **Cardiovasc Res.** 2010; 86: 141-150.

2. Zhong-Wei Liu, Hai-Tao Zhu, Kun-Lun Chen, Xin Dong, Jin Wei, Chuan Qiu and **Jia-Hong Xue\***. Protein kinase RNA- like endoplasmic reticulum kinase (PERK) signaling pathway plays a major role in reactive oxygen species (ROS)- mediated endoplasmic reticulum stress- induced apoptosis in diabetic cardiomyopathy. **Cardiovasc Diabetol**. 2013; 12(1):158.
3. **Jiahong Xue \***, Congxia Wang, Canzhan Zhu, Yongqin Li. ATP-binding cassette transporter G1 protects against endothelial dysfunction induced by high glucose[J]. **Diabetes Research and Clinical Practice** 2013; 101(1): 72-80.
4. **Jiahong Xue \***, Jin Wei, Xin Dong, Canzhan Zhu ,Yongqin Li, Anqi Song, Zhongwei Liu. ABCG1 deficiency promotes endothelial apoptosis by endoplasmic reticulum stress-dependent pathway. **J Physiol Sci**. 2013; 63(6):435-444.
5. **Jiahong Xue**, Jiali Fan, Yuan Li, Wenhuan Wu, Qiangsun Zheng. ABCG1 attenuates Oxidative Stress Induced by H<sub>2</sub>O<sub>2</sub> through the inhibition of NADPH oxidase and the upregulation of Nrf2-mediated antioxidant defence in endothelial cells. *Analytical Cellular Pathology*. **In press**.



## **ZHANG Ming**

Email: zhangmingdr@163.com

### **Research Interests**

Dr. Zhang's research interests are focused in the fields of chronic obstructive pulmonary disease (COPD). He found several serum inflammatory markers for the progression of COPD. He also explored the roles of airway epithelial mitochondrial injury in the pathogenesis of COPD.

### **Education**

- 9/2010-12/2013    Doctorate in Internal Medicine, Xi'an Jiaotong University Health Science Center, Xi'an, China (Mentor: Prof. Jin Wei)
- 9/2007-7/2010    Master Degree in Internal Medicine, Xi'an Jiaotong University Health Science Center, Xi'an, China (Mentor: Prof. Yali Li)
- 9/2002-7/2007    Bachelor Degree in Clinical Medicine, Xi'an Jiaotong University Health Science Center, Xi'an, China

### **Professional Experiences**

- 1/2017-present    Attending physician/Associate research fellow, Department of Respiratory and Critical Care Medicine, the Second Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China
- 7/2015-12/2016    Attending physician/Assistant research fellow, Department of Respiratory and Critical Care Medicine, the Second Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

12/2013-6/2015 Resident physician/Assistant research fellow, Internal Medicine, the  
Second Affiliated Hospital of Xi'an Jiaotong University, Xi'an, China

**Representative Publications :**

- [1] Ming Zhang\*, Yeli Zhang, Michael Roth, Li Zhang, Rong Shi, Xia Yang, Yali Li, Jie Zhang. Sirtuin 3 inhibits airway epithelial mitochondrial oxidative stress in cigarette smoke-induced COPD. *Oxid Med Cell Longev*, 2020, 2020: 7582980.
- [2] Ming Zhang, Rong Shi, Yeli Zhang, Hu Shan, Qihong Zhang, Xia Yang, Yali Li\*, Jie Zhang\*. Nix/BNIP3L-dependent mitophagy accounts for airway epithelial cell injury induced by cigarette smoke. *J Cell Physiol*, 2019, 234(8): 14210-14220.
- [3] Ming Zhang, Jingjing Tang, Hu Shan, Qihong Zhang, Xia Yang, Jie Zhang, Yali Li\*. p66Shc mediates mitochondrial dysfunction dependent on PKC activation in airway epithelial cells induced by cigarette smoke. *Oxid Med Cell Longev*, 2018, 2018: 5837123.
- [4] Ming Zhang, Jingjing Tang, Jiafeng Yin, Xiaoying Wang, Xiangli Feng, Xia Yang, Hu Shan, Qihong Zhang, Jie Zhang, Yali Li\*. The clinical implication of serum cyclophilin A in patients with chronic obstructive pulmonary disease. *Int J Chron Obstruct Pulmon Dis*, 2018, 13: 357-363.
- [5] Ming Zhang\*, Jingjing Tang, Yali Li, Yingying Xie, Hu Shan, Mingxia Chen, Jie Zhang, Xia Yang, Qihong Zhang, Xudong Yang. Curcumin attenuates skeletal muscle mitochondrial impairment in COPD rats: PGC-1 $\alpha$ /SIRT3 pathway involved. *Chem Biol Interact*, 2017, 277: 168-175.
- [6] Ming Zhang, Yingying Xie, Rui Yan, Hu Shan, Jingjing Tang, Yan Cai, Jiafeng Yin, Mingxia Chen, Jie Zhang, Xia Yang, Qihong Zhang, Yali Li\*. Curcumin ameliorates alveolar epithelial injury in a rat model of chronic obstructive pulmonary disease. *Life Sci*, 2016, 164: 1-8.
- [7] Ming Zhang, Yali Li, Xia Yang, Hu Shan, Qihong Zhang, Zongjuan Ming, Yingying Xie, Haijuan

Chen, Yanqin Liu, Jie Zhang\*. Serum cystatin C as an inflammatory marker in exacerbated and convalescent COPD patients. *Inflammation*, 2016, 39(2): 625-631.

[8] Ming Zhang, Jie Zhang, Qihong Zhang, Xia Yang, Hu Shan, Zongjuan Ming, Haijuan Chen, Yanqin Liu, Jiafeng Yin, Yali Li\*. D-dimer as a potential biomarker for the progression of COPD. *Clin Chim Acta*, 2016, 455: 55-59.

### **Honors & Awards**

Science and Technology Youth Star of Shaanxi Province (2019)



Zhanshuqun

**Email:** zhanshuqun1971@aliyun.com

### **Research interests:**

- 1) Application of multigroup analysis diagnosis and treatment of breast cancer based on artificial intelligence
- 2) Molecular biological mechanism of invasion and metastasis of malignant tumors
- 3) The role of Traditional Chinese Medicine intervention in invasion and metastasis of malignant tumors

### **Experience:**

2015-Now The Second Affiliated Hospital, Xi'an Jiaotong University, Professor

1997-2015 The Second Affiliated Hospital, Xi'an Jiaotong University, Associate Professor

### **Education:**

2001-2004 Surgery, Xi'an Jiaotong University, Shaanxi, China, Ph.D

1996-1999 Surgery, Xi'an Jiaotong University, Shaanxi, China, Master

1989-1994 Clinical medicine, Xi'an Jiaotong University, Shaanxi, China, Bachelor

### **Honor&Awards**

2018 The Famous doctor of Xi 'an Jiaotong University Medical Department

2015 New Century Talent Fund of the Ministry of Education

2014 Second prize of Science and Technology Award for Colleges and Universities in Shaanxi Province

2012 Science and Technology Progress Award of Shaanxi Provincial Governmen

### **Publications:**

Yinbin Zhang , Changyou Shan , Yinxi Chen , Shiyu Sun , Di Liu , Xin Zhang, Shuqun Zhang 1.

CircDENND2A Promotes Non-small Cell Lung Cancer Progression via Regulating MiR-34a/CCNE1 Signaling. Front Genet, 2020, 11:987

Xiaoyao Zhao, Yinbin Zhang , Xingcong Ma , Yinxi Chen , Junfeng Xi , Xiaoran Yin 1, Huafeng Kang 1, Haitao Guan 1, Zijun Dai 1, Di Liu , Fang Zhao 1, Chu Sun 3, Zongfang Li 1, Shuqun Zhang 1. Concordance between treatment recommendations provided by IBM Watson for Oncology and a multidisciplinary tumor board for breast cancer in China. Jpn J Clin Oncol, 2020, 50 (8): 852-858

Shuqun Zhang 1, Yinan Ma 1, Jiantao Jiang 1, Zhijun Dai 1, Xiaoyan Gao 1, Xiaoran Yin 1, Wentao Xi 1, Weili Min. Inhibition of urokinase-type plasminogen activator expression by dihydroartemisinin in breast cancer cells. Oncol Lett. 2014, 7(5): 1375-1380

Wanjun Yan 1, Xingcong Ma 1, Xiaoyao Zhao 1, Shuqun Zhang. Baicalein induces apoptosis and autophagy of breast cancer cells via inhibiting PI3K/AKT pathway in vivo and vitro. Drug Des Devel Ther. 2018

16:3961-3972

WanJun Yan 1, Xingcong Ma, Xiaoyan Gao, Shuqun Zhang. Association Between Leptin (-2548G/A) Genes Polymorphism and Breast Cancer Susceptibility: A Meta-Analysis. *Medicine*, 2016,95(4):2566

Xingcong Ma 1, WanJun Yan 1, Zhijun Dai 1, Xiaoyan Gao 1, Yinan Ma 1, Quntao Xu 2, Jiantao Jiang 3, Shuqun Zhang 1. Baicalein suppresses metastasis of breast cancer cells by inhibiting EMT via downregulation of SATB1 and Wnt/ $\beta$ -catenin pathway. *Drug Des Devel Ther.* 2016, 10:1419-1441

Xixi Zhao 1, Jingkun Qu 2, Yuchen Sun 3, Jizhao Wang 2, Xu Liu 2, Feidi Wang 1, Hong Zhang 1, Wen Wang 1, Xingcong Ma 1, Xiaoyan Gao 1, Shuqun Zhang 1. Prognostic significance of tumor-associated macrophages in breast cancer: a meta-analysis of the literature. *Oncotarget*, 2017, 8(18):30576-30586

ZHOU Qi

Professor

Research Area(s):

1.Clinical application of Contrast-Enhanced ultrasound

2.Multimodal ultrasound diagnosis and treatment of superficial organ diseases

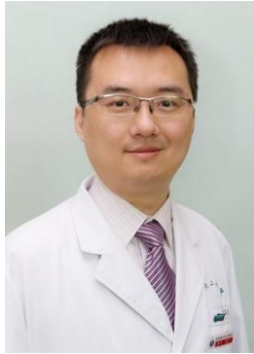
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Research Area(s): Spinal deformity, spinal cord injury, hip joint disease  
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jsnr.jsp?urltype=tree.TreeTempUrl&wbtreeid=1632&wbwbxjtuteacherid=1142](http://www.xjtu.edu.cn/jsnr.jsp?urltype=tree.TreeTempUrl&wbtreeid=1632&wbwbxjtuteacherid=1142)



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Homepage: <http://gr.xjtu.edu.cn/web/jiangan>  
Address: No.157, Xi wu road, Xi'an, Shaan xi province, China(710004)

**Research interests:**

1. Pathogenesis and biological treatment of portal hypertension and hypersplenism caused by liver cirrhosis
2. The mechanism of Wnt signaling pathway in liver regeneration
3. Molecular functions and mechanisms of non-coding RNA in liver cancer

**Experience:**

9/1997-7/2002 Bachelor, College of medicine, Xi'an Jiaotong University

8/2002-8/2003 Resident, department of general surgery, Chang'an hospital

9/2003-7/2006 Master, department of hepatobiliary surgery, the first affiliated hospital, Xi'an Jiaotong University

7/2006-10/2009 Resident, department of general surgery, the second affiliated hospital, Xi'an Jiaotong University

11/2009-12/2014 Attending doctor, department of general surgery, the second affiliated hospital, Xi'an Jiaotong University

9/2007-12/2011 PHD, College of medicine, Xi'an Jiaotong University

3/2015-8/2016 Post doctor, Department of Pathology, University of Pittsburgh Medical Center

2/2013-now Associate research fellow, the second affiliated hospital, Xi'an Jiaotong University

12/2014-now Associate senior doctor, the second affiliated hospital, Xi'an Jiaotong University

### Representative Publications :

**Jiang A**, Okabe H, Popovic B, Preziosi ME, Pradhan-Sundt T, Poddar M, Singh S, Bell A, England SG, Nagarajan S, Monga SP. Loss of Wnt Secretion by Macrophages Promotes Hepatobiliary Injury after Administration of 3,5-Diethoxycarbonyl-1, 4-Dihydrocollidine Diet. Am J Pathol. 2019,189(3):590-603.

(IF:3.8)

Guihu Wang, Popovic Branimir, Junyan Tao, **An Jiang\***. Overexpression of COX7RP promotes tumor growth and metastasis by inducing ROS production in hepatocellular carcinoma cells. American Journal of cancer research. 2020;10(5):1366-1383 (IF:5.2)

Yang Li, **An Jiang\***. ST8SIA6-AS1 Promotes Hepatocellular Carcinoma by Absorbing miR-5195-3p to Regulate HOXB6. Cancer Biology and Therapy. 2020 May 18;1-9. DOI : 10.1080/15384047.2020.1743150 (IF:3.7)

Saggi H, Maitra D, **Jiang A**, Zhang R, Wang P, Cornuet P, Singh S, Locker J, Ma X, Dailey H, Abrams M, Omary MB, Monga SP, Nejak-Bowen K. Loss of hepatocyte  $\beta$ -catenin protects mice from experimental porphyria-associated liver injury. J Hepatol. 2019 Jan;70(1):108-117. doi: 10.1016/j.jhep.2018.09.023. (IF:20.6)

Pradhan-Sundd T, Zhou L, Vats R, **Jiang A**, Molina L, Singh S, Poddar M, Russell JM, Stolz DB, Oertel M, Apte U, Watkins S, Ranganathan S, Nejak-Bowen KN, Sundd P, Monga SP. Dual catenin loss in murine liver causes tight junctional deregulation and progressive intrahepatic cholestasis. Hepatology. 2018, 67(6):2320-2337. doi: 10.1002/hep.29585. Epub 2018 Apr 19. (IF:14.9)

**An Jiang**, Chang Liu, Yulong Song, Feng Liu, Quanyuan Li,Zheng Wu,Liang Yu,Yi Lv. NF- $\kappa$ B induced the donor liver cold preservation related acute lung injury in rat liver transplantation model[J]. PLoS ONE, 2011, 6(9): e24960. (IF4.09)

**An Jiang**, Shu Zhang, Zongfang Li, Rongrui Liang, Song Ren, Jun Li, Yansong Pu, Jun Yang. miR-615-3p promotes the phagocytic capacity of splenic macrophages by targeting LCoR in cirrhosis related portal hypertension[J]. Experimental Biology and Medicine, 2011, 236(6):672-680.(IF:2.53)

**An Jiang**, Chang Liu, Feng Liu, Yu-Long Song, Quan-Yuan Li, Liang Yu, Yi Lv. Liver cold preservation induce lung surfactant changes and ALI in rat liver transplantation [J].World Journal of Gastroenterology. 2012,18(4): 323-330.(IF:2.47)



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### Research interests:

1. Diseases of liver, gallbladder, pancreas and spleen
2. Gastrointestinal cancer
3. Traditional Chinese medicine and general surgery

### Experience :

05/2016-now The Second Affiliated Hospital of Xi'an Jiaotong University, President

08/2007-now The Second Affiliated Hospital of Xi'an Jiaotong University, Professor

07/2006-05/2016 The Second Affiliated Hospital of Xi'an Jiaotong University, Vice-President

08/2002-now The Second Affiliated Hospital of Xi'an Jiaotong University, Chief Surgeon

10/1997- 07/2002 The Second Affiliated Hospital of Xi'an Jiaotong University, Associate Chief Surgeon

10/1992-10/1997 The Second Affiliated Hospital of Xi'an Medical University, Attending Surgeon

07/1985- 09/1992 The Second Affiliated Hospital of Xi'an Medical University, Resident

### Education :

11/2003-12/2003 Queen Mary Hospital, HKU, Visiting Scholar

08/2000-10/2000 University of Chicago School of Medicine, Visiting Scholar

09/1992-06/1995 Xian Medical University, China, Bachelor.

09/1988-06/1991 Xian Medical University, China, Master.

09/1980-06/1985 Xian Medical University, China, Doctor

### Honor & Awards :

1. Young and middle-aged experts with outstanding contributions of National Health and Family Planning Commission
2. State Council special allowance expert
3. Leader of the Innovation Team of the “Changjiang Scholars and Innovation Team Development Plan”
4. National Talents of the "New Century Talents Project"
5. "Chinese Physician Award" winner
6. Membership of International Hepato-Pancreato-Biliary Association
7. Deputy Director of Spleen and Portal Hypertension Group, Chinese Medical Association Surgery Branch
8. Chief commissary of Surgical sub-association of Chinese Medical Association in Xi'an

### Representative Publications :

1. Jin Sun, Ying Guo, Beibei Bie, Mengchen Zhu, Hongwei Tian, Jing Tian, Jun Li, Yi Yang, Fanpu Ji, Guangyao Kong, **Zongfang Li**. Silencing of long noncoding RNA HOXD-AS1 inhibits proliferation, cell cycle progression, migration and invasion of hepatocellular carcinoma cells through MEK/ERK pathway. *J Cell Biochem*. 2019;1-15.
2. Na Huang, Fan Pu Ji, Shu Zhang, Zhenzhen Li, Jun Li, Rui Zhou, Shaoying Zhang, Wei Wei, Liang Li, Haiyan Chen, Baohua Li, Guangyao Kong, Jun Yang, **Zongfang Li**. Spleen-Associated Effects on Immunity in Hepatitis B Virus-Related Cirrhosis with Portal Hypertension. *J Interferon Cytokine Res*. 2019 Feb;39(2):95-105.
3. Wei Wei, Liang Li, Guangyao Kong, Zhongqiang Zheng, Fanpu Ji, **Zongfang Li**. Spleen in hepatocellular carcinoma: More complexity and importance than we know. *Journal of Hepatology*. 2019;70:788–816.
4. Liang Li, Wei Wei, Zhenzhen Li, Haiyan Chen, Yu Li, Wei Jiang, Weisan Chen, Guangyao Kong, Jun Yang, Zongfang Li. The Spleen Promotes the Secretion of CCL2 and Supports an M1 Dominant Phenotype in Hepatic Macrophages During Liver Fibrosis. *Cell Physiol Biochem* 2018;51:557-574.
5. Wang P, Li Z, Ren S, Li J, Yang J, Kong G, Jiang A, **Li Z**. Spleen Regulates Hematopoietic Stem/Progenitor Cell Functions Through Regulation of EGF in Cirrhotic Hypersplenism. *Dig Dis Sci*. 2018;63(7):1860-1867.

6. Ji F, Wei B, Yeo YH, Ogawa E, Zou B, Stave CD, **Li Z**, Dang S, Furusyo N, Cheung RC, Nguyen MH. Systematic review with meta-analysis: effectiveness and tolerability of interferon-free direct-acting antiviral regimens for chronic hepatitis C genotype 1 in routine clinical practice in Asia. *Aliment Pharmacol Ther.* 2018;47(5):550-562.
7. Ji F, Yeo YH, Wei MT, Wei B, Dang S, **Li Z**, Nguyen MH. Hepatocellular carcinoma decreases the effectiveness of hepatitis C antiviral treatment: Do direct-acting antiviral regimens matter? *Hepatology.* 2018;67(3):1180-1182.
8. Huang N, Ji F, Zhang S, Pu Y, Jiang A, Zhou R, Ji Y, Wei W, Yang J, **Li Z**. Effect of Splenectomy on Serum Cytokine Profiles in Hepatitis B Virus-Related Cirrhosis Patients with Portal Hypertension. *Viral Immunol.* 2018;31(5):371-378.
9. Li J, Zhou R, Bie BB, Huang N, Guo Y, Chen HY, Shi MJ, Yang J, Zhang J, **Li ZF**. Emodin and baicalein inhibit sodium taurocholate-induced vacuole formation in pancreatic acinar cells. *World J Gastroenterol.* 2018;24(1): 35-45.
10. Li J, Duan BJ, Guo Y, Zhou R, Sun J, Bie BB, Yang SY, Huang C, Yang J, **Li ZF**. Baicalein sensitizes hepatocellular carcinoma cells to 5-FU and Epirubicin by activating apoptosis and ameliorating P-glycoprotein activity. *Biomed Pharmacother.* 2018;98:806-812.
11. Li Y, Jiang W, Li ZZ, Zhang C, Huang C, Yang J, Kong GY, **Li ZF\***. Repetitive restraint stress changes spleen immune cell subsets through glucocorticoid receptor or  $\beta$ -adrenergic receptor in a stage dependent manner. *Biochem Biophys Res Commun.* 2018;495(1):1108-1114.
12. Ji F, Zhou R, Wang W, Bai D, He C, Cai Z, Shen Y, Wang S, Deng H, **Li Z**. High Post-treatment  $\alpha$ -Fetoprotein Levels and Aspartate Aminotransferase-to-Platelet Ratio Index Predict Hepatocellular Carcinoma in Hepatitis C Virus Decompensated Cirrhotic Patients with Sustained Virological Response After Antiviral Therapy. *J Interferon Cytokine Res.* 2017;37(8):362-368.
13. Ji F, Tian C, **Li Z**, Deng H, Nguyen MH. Ledipasvir and sofosbuvir combination for hepatitis C virus infection in three patients aged 85 years and older. *Eur J Gastroenterol Hepatol.* 2017;29(8):977-979.
14. Bie B, Sun J, Guo Y, Li J, Jiang W, Yang J, Huang C, **Li Z**. Baicalein: A review of its anti-cancer effects and mechanisms in Hepatocellular Carcinoma. *Biomed Pharmacother.* 2017 Sep;93:1285-1291.
15. Jiang W, Li Y, Sun J, Li L, Li JW, Zhang C, Huang C, Yang J, Kong GY, **Li ZF**. Spleen contributes to restraint stress induced changes in blood leukocytes distribution. *Sci Rep.* 2017;7(1):6501. doi:

10.1038/s41598-017-06956-9.

16. Li L, Duan M, Chen W, Jiang A, Li X, Yang J, **Li Z**. The spleen in liver cirrhosis: revisiting an old enemy with novel targets. *J Transl Med.* 2017;15(1):111.
  17. Bie B, Sun J, Li J, Guo Y, Jiang W, Huang C, Yang J, **Li Z**. Baicalein, a Natural Anti-Cancer Compound, Alters MicroRNA Expression Profiles in Bel-7402 Human Hepatocellular Carcinoma Cells. *Cell Physiol Biochem.* 2017;41(4):1519-1531.
  18. Li J, Zhang S, Zhou R, Zhang J, **Li ZF**. Perspectives of traditional Chinese medicine in pancreas protection for acute pancreatitis. *World J Gastroenterol* 2017; 23(20): 3615-3623.
  19. Wei W, Pu YS, Wang XK, Jiang A, Zhou R, Li Y, Zhang QJ, Wei YJ, Chen B, **Li ZF**. Wall shear stress in portal vein of cirrhotic patients with portal hypertension. *World J Gastroenterol* 2017; 23(18): 3279-3286.
  20. Deng GR, Ling Q, Wu BH, Dong YY, Gao X, Li TQ, Miu X, **Li Z**. Protection mechanism of deacetylase inhibitor on spleen of rats with severe hemorrhagic shock. *Asian Pac J Trop Med.* 2016;9(6):572-576.
- Li B, Zhang S, Huang N, Chen H, Wang P, Li J, Pu Y, Yang J, **Li Z**. Dynamics of the spleen and its significance in a murine H22 orthotopic hepatoma model. *Exp Biol Med (Maywood).* 2016;241(8):863-72.



**Wang yan**

Associate Professor

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专业领域 : Gastrointestinal motility and gastrointestinal hormones ; Inflammatory bowel disease



ZHANG XIAO-HUI

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### Research interests:

- (1) Pathogenesis of diabetic retinopathy mainly on its signal pathways
- (2) Pathogenesis of posterior capsular cataract
- (3) Fibrosis of filtration bleb after glaucoma surgery
- (4) Lacrimal membrane on dry eye and keratopathy chiefly about viral keratitis

### Experience:

12/2011-now Ophthalmological Department, 2<sup>nd</sup> affiliated hospital, Medical College, Xi'an Jiaotong University, associate professor

### Education:

09/2007-06/2012 Ophthalmology, Medical College, Xi'an Jiaotong University, MD

### Honor & Awards:

2019 Xi'an Jiaotong University Teaching Competition 2<sup>nd</sup> prize

2018 Shaanxi Province Science and Technology 2<sup>nd</sup> Prize (No.2)

2009 Xi'an Jiaotong University Teaching Competition 2<sup>nd</sup> prize



## Representative Publications:

- [1] **Xiaohui Zhang**, Ye Lu, Na He, Feng Wang\*. Downregulation of PHLPP1 ameliorates high glucose-evoked injury in retinal ganglion cells by attenuating apoptosis and oxidative stress through enhancement of Nrf2 activation. *Experimental Cell Research*. 2020 (accepted).
- [2] Lu Ye, Zhao Jiaqi, Wang Jianchao, Feng Zhaohui, Yao Liang, **Zhang Xiaohui\***. Comparative efficacy and safety of antivasular endothelial growth factor regimens for neovascular age-related macular degeneration: systematic review and Bayesian network meta-analysis. *Ther Adv Chronic Dis*, 2020; 11:1-15.
- [3] **Zhang X\***, He N, Xing Y, Lu Y. Knockdown of GCN2 inhibits high glucose-induced oxidative stress and apoptosis in retinal pigment epithelial cells. *Clin Exp Pharmacol Physiol*. 2020 Apr;47(4):591-598.
- [4] **Zhang X\***, Lu Y, Wang J, He N: Overexpression of Brg1 alleviates high glucose-induced retinal ganglion cell apoptosis through regulating Notch/Hes1 signaling. *Biochem Biophys Res Commun*. 2019, 514(4):1160-1166.
- [5] **Zhang X\***, Yang Y, Feng Z. Suppression of microRNA-495 alleviates high-glucose-induced retinal ganglion cell apoptosis by regulating Notch/PTEN/Akt signaling. *Biomed Pharmacother*. 2018, 10;106:923-929.
- [6] **Zhang XH**, Feng ZH\*, Wang XY. The ROCK pathway inhibitor Y-27632 mitigates hypoxia and oxidative stress-induced injury to retinal Müller cells. *Neural Regen Res*. 2018,13(3):549-555.
- [7] Zhao-Hui Feng, **Xiao-Hui Zhang\***, Jia-Qi Zhao, Jun-Ze Ma. Involvement of Rho-associated coiled-coil kinase signaling inhibition in TGF- $\beta$ 1/Smad2, 3 signal transduction in vitro [J]. *Int J Ophthalmol*.

2017,10(12):1805-1811.

- 8] **Zhang XH**, Feng ZH. Practice and discussion of diverse teaching methods in ophthalmology teaching [J]. China Continuing Medical Education. 2017,9(9):23-25.
- 9] **Zhang XH**, Feng ZH\*, Zhang Y. Pigment epithelium derived factor protects morphological structure of retinal Müller cells in diabetic rats [J]. Int J Ophthalmol. 2014,7(6):941-946.
- 10] **Zhang XH\***, Sun NX, Feng ZH, et al. Effects of Y-27632, a selective inhibitor of ROCK-I, on the propagation, the apoptosis, and the adhesion of human ocular Tenon's capsular fibroblasts [J]. J Third Mil Med Univer. 2013,35(1):38-41.
- 11] **Zhang XH\***, Sun NX, Feng ZH, et al. Interference of Y-27632 on the signal transduction of transforming growth factor beta type 1 in ocular Tenon capsule fibroblasts [J]. Int J Ophthalmol. 2012,5(5):576-581.
- 12] **Zhang XH**, Feng ZH\*, Li CH. Morphological and migratory alterations in retinal Müller cells during early stages of hypoxia and oxidative stress [J]. Neur Reg Res. 2012,7(1):31-35.
- 13] **Zhang XH\***, Feng ZH, Sun NX, et al. Research of lens parameter on pathogenesis of primary angle closure glaucoma via ultrasound examination [J]. Chin J Pract Ophthalmol. 2011,29(12):1265-1268.
- 14] **Zhang Xiaohui\***, Wang feng, Xong lei. Efficacy comparison of mecobalamin on acquired ophthalmoplegia via varied administration routes [J]. Int J Ophthalmol. 2011,11(9):1632-1633.
- 15] **Zhang Xiaohui\***, Sun naixue, Wang feng. Fresh amniotic membrane transplantaion for the treatment of severe keratic ulcer [J]. Journal of Clinical Rehabilitative Tissue Engineering Research. 2011,15(11):1994-1997.

- 16] **Zhang Xiao-hui\***, Wang Jian-ming, Wang Feng. Autologous buccal mucosal transplantation for repair of orbital implant exposure after hydroxyapatite orbital implantation [J]. Journal of Clinical Rehabilitative Tissue Engineering Research. 2011,15(29):5497-5500.
- 17] **Zhang Xiaohui\***, Sun naixue, Wang feng. Experimental research of gatifloxacin against Staphylococcus aureus corneal ulcers [J]. Ophthalmology Research. 2009,27 (10):854-857.
- 18] **Zhang Xiaohui\***, Sun naixue, Wang feng. Concentration sift and irritational evaluation of tubeimoside topically given in herpes simplex keratitis [J]. Journal of Xi'an Jiaotong University (Medical version). 2003,24(1):63-66.
- 19] **Zhang xiaohui\***, Sun naixue, Guo rongxia, et al. Efficacy research of tubeimoside against the experimental herpes simplex keratitis [J]. Recent Advances in Ophthalmology. 2002,22(6):373-376.

#### Patents:

- [1] **Zhang xiaohui**, Wang Jianchao, Zhao Jiaqi, He Na. Precise night blindness detection device [P] . ZL 2017 2 1290177.5.
- [2] **Zhang xiaohui**, He Na, Wang Jianchao, Lu Ye. Supporting device for ophthalmic surgery [P] . ZL 2017 2 1643223.5.
- [3] **Zhang xiaohui**, Lu Ye, He Na, Kou Xuan. A fast suture device for surgical operation [P] . ZL 2017 1 0815108.X.



**GAO DENG-FENG**

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**Email: [gaomedic@mail.xjtu.edu.cn](mailto:gaomedic@mail.xjtu.edu.cn)**

**Research interests:**

- 1) **Cardiovascular remodeling**
- 2) **Heart failure**
- 3) **Hypertension**

**Experience:**

- 1) **12/2006-12/2011, Department of Cardiology, The Second Affiliated Hospital of Xi'an Jiaotong University, Xi'an, Shaanxi, China. Attending Physician.**
- 2) **01/2012-12/2016, Department of Cardiology, The Second Affiliated Hospital of Xi'an Jiaotong University, Xi'an, Shaanxi, China. Associate Chief Physician.**
- 3) **09/2013-05/2014, Washington University School of Medicine, St. Louis, USA. Visiting Scholar.**
- 4) **03/2016-09/2017, Deputy Director of the Department of Critical Care Medicine, Affiliated Tumor Hospital of Xinjiang Medical University (the eighth batch of cadres for aiding Xinjiang from the Organization Department of the Central Committee of the CPC)**
- 5) **01/2017-now, Department of Cardiology, The Second Affiliated Hospital of Xi'an Jiaotong University. Chief Physician/Professor.**
- 6) **05/2018-05/2019, The People's Government of Yanta District, Xi'an, Shaanxi, China. Deputy District Mayor.**
- 7) **02/2020-03/2020, Member of the medical aid team of the Second Affiliated Hospital of Xi'an Jiaotong University in the Central Court District of Tongji Hospital, Tongji Medical College, Huazhong University of Science & Technology.**

**Education:**

- 1) **09/1996-7/2003, Health Science Center, Xi'an Jiaotong University, Xi'an, Shaanxi, China. Bachelor and Master.**
- 2) **09/2003-11/2006, Health Science Center, Xi'an Jiaotong University, Xi'an, Shaanxi, China. M.D.**

**Honor&Awards :**

- 1) 2017, The eighth batch of outstanding Xinjiang-aid talents from Central Government Agencies and Central Enterprises.
- 2) 2018, May Fourth Youth, Xincheng District, Xi'an, Shaanxi, China.
- 3) 2015, The First Prize, Shaanxi Province Science and Technology Award.
- 4) 2009, The Second Prize, Shaanxi Science and Technology Award.
- 5) 2009, Great Wall Young Doctor Award.
- 6) 2008, The Second Prize, Shaanxi Province Outstanding Natural Science Paper Award.
- 7) 2015, The First Prize, Xi'an Jiaotong University Professor Lecture Competition.

**Representative Publications :**

- 1 ) Feng Y, Xing Y, Liu Z, Yang G, Niu X, Gao D. Integrated analysis of microRNA and mRNA expression profiles in rats with selenium deficiency and identification of associated miRNA-mRNA network. *Sci Rep.* 2018 26;8(1):6601. doi: 10.1038/s41598-018-24826-w
- 2) Xing, Yujie ; Liu, Zhongwei; Yang, Guang; ; Niu, Xiaolin, Gao, Dengfeng MicroRNA expression profiles in rats with selenium deficiency and the possible role of the Wnt/beta-catenin signaling pathway in cardiac dysfunction. , *International Journal of Molecular Medicine*, 2015.1, 35(1): 143~152
- 3) Gao, Dengfeng ; Hao, Guanghua; Meng, Zhe; Ning, Ning; Yang, Guang; Liu, Zhongwei; Dong, Xin; Niu, Xiaolin, Rosiglitzone Suppresses Angiotensin II-Induced Production of KLF5 and Cell Proliferation in Rat Vascular Smooth Muscle Cells, *PLOS ONE*, 2015.4.14, 10(4)
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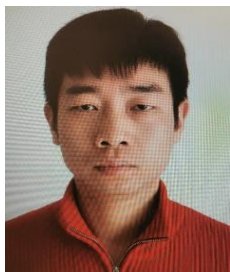
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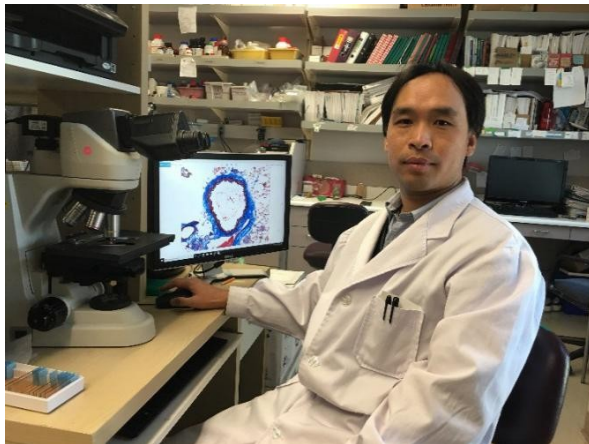
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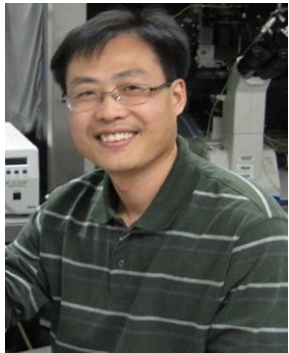
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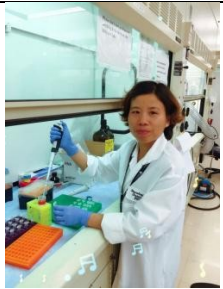
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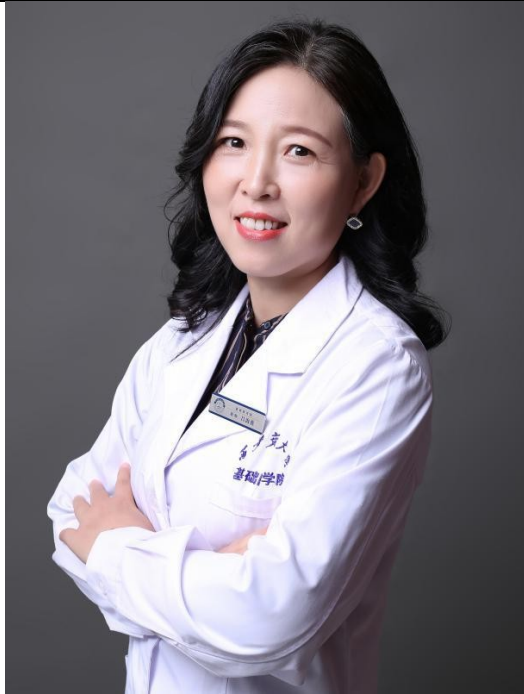


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- 2、 Ratio probe on the dynamic process) ; (Adv. Funct. Mater. 2020, 30, 1910348; Chem. Commun., 2016, 52)
- 3、 Microarray ; (Small, 2020, 16(52); Adv.Sci., 2019, 6(13))
- 4、 Functional MRI contrast agent ; (Nat. Commun. 2018, 9,3653; Biomaterials 2015, 70, 11)
- 5、 Drug delivery system for eye disease ;

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NSFC, 52203186, multi-barrier-cross delivery system of monoclonal antibody for the NSCLC brain metastasis immunotherapy, 2023-01 to 2025-12, 300,000 RMB, Hosting;

Natural Science Foundation of Shaanxi Provincial Department of Education, 2022JM-101, Responsive nano-delivery system to improve the oral bioavailability of astaxanthin, 2022-01 to 2023-12, 50,000 RMB, Hosting; 'Young Talent Support Plan' of Xi'an Jiaotong University, YX6J014, Development of A-beta protein aggregation behavior tracing probe for Alzheimer's early diagnosis, 2020-08 to 2026-07, 1,000,000 RMB, Hosting;

Shaanxi Nedke Medical Technology Co., Ltd, Development of responsive drug controlled-release silicon hydrogel technology, 20210485, 2021.5 to 2024.5, 3,000,000 RMB, Hosting;

Shaanxi Nedke Medical Technology Co., Ltd, Development of contact mirror surface treatment technology, 2021.11 to 2022.11, 100,000 RMB, Hosting;

### Representative Publications :

#### 2022

1. Hongwei Lu§, Ji Xu§, Jinfan Yang§, Zhongling Wang, Peng Xu, Qian Hao, Wen Luo, Shuaijun Li, Zhengqing Li, Xiangdong Xue, Hongbo Zheng, Zhangjian Zhou, **Hao Wu\***, Xiaobin Ma\* and Yuanpei Li\*. On-demand Targeting Nanotheranostics with Stimuli-responsive Releasing Property to Improve Delivery Efficiency to Cancer, *Biomaterials* (IF: 15.304). 2022, 290, 121852.

2. Jinfan Yang\*, Zhengqing Li, Xiaoru Niu, Ji Xu, Wenxi Lei, **Hao Wu\***. Hierarchical porous N-doped carbon encapsulated CoFe<sub>2</sub>O<sub>4</sub>-CoO nanoparticles derived from CoFe-LDH/chitosan biocomposite for the enhanced degradation of tetracycline. *Sep. Purif. Technol.* (IF: 9.136), 2022, 295, 121291.

3. Luyao Dai§, Hanxiao Cui§, Yuanhang Bao, Liqun Hu, Zhangjian Zhou, Shuai Lin, Xin Zhang, **Hao Wu\***, Xiaobin Ma\*, Huafeng Kang\*. Prognostic effect of radiotherapy in breast cancer patients underwent immediate reconstruction after mastectomy. *Front. Oncol.* (IF: 5.738), 2022, 12:1010088.

4. Hanxiao Cui§, Luyao Dai§, Yuanhang Bao, Liqun Hu, Zhangjian Zhou, Meng Wang, Shuai Lin, Xiaobin Ma\*, **Hao**

**Wu\***, Huafeng Kang\*. Nomogram Predicts the Role of Primary Tumor Surgery on de novo stage-IV Breast Cancer. *Front. Oncol. (IF: 5.738)*, 2022, 12: 819531.

5. Luyao Dai§, Hanxiao Cui§, Yuanhang Bao, Liquan Hu, Zhangjian Zhou, Meng Wang, Shuai Lin, **Hao Wu\***, Xiaobin Ma\*, Huafeng Kang\*. The relationship between immediate postmastectomy reconstruction modalities and survival benefits in patients with triple negative breast cancer. *Cancer Medicine (IF: 4.711)*, 2022, DOI: 10.1002/cam4.5166.

6. Shanshan Tie, Wentao Su, Yannan Chen, Shida Wu, **Hao Wu**, Yukun Song, Siyuan Fei, Mingqian Tan. Dual targeting procyanidin nanoparticles with glutathione response for colitis treatment. *Chemical Engineering Journal (IF: 13.273)*, 2022, 441, 136095.

### 2021

7. Jinfan Yang\*, Zhifeng Ao, **Hao Wu\***, Sufeng Zhang. Immobilization of chitosan-templated MnO<sub>2</sub> nanoparticles onto filter paper by redox method as a retrievable Fenton-like dip catalyst. *Chemosphere. (IF: 8.943)* 4.2021, 268, 12883.

### 2020

8. **Hao Wu**, Hongwei Lu, Wenwu Xiao, Jinfan Yang, Hongxu Du, Yingbin Shen, Haijing Qu, Bei Jia, Suman K Manna, Mythili Ramachandran, Xiangdong Xue, Zhao Ma, Xiaobao Xu, Zhongling Wang, Yixuan He, Kit S. Lam, Robert J. Zawadzki, Yuanpei Li\* and Tzu-Yin Lin\*. Sequential Targeting in Crosslinking Nanotheranostics for Tackling the Multibarriers of Brain Tumors. *Adv.Mater. (IF: 32.086)*. 2020, 1903759.

9. **Hao Wu**§, Lu Zhang§, Jinfan Yang, Ruonan Bo, Lin Kai, Dalin Zhang, Hongxu Du, Mythili Ramachandran, Yingbin Shen, Yangxi Xu, Xiangdong Xue, Zhao Ma, Tzu-Yin Lin and Yuanpei Li\*. Rotatable Aggregation-Induced-Emission / Aggregation-Caused-Quenching Ratio Strategy for Real-Time Tracking Nanoparticle Delivery Dynamics, *Adv. Funct. Mater. (IF: 19.924)*. 2020, 1910348.

10. Jinfan Yang\*, Zhifeng Ao, **Hao Wu\***, Sufeng Zhang, Congcong Chi, Chen Hou, Liwei Qian. Waste paper-derived magnetic carbon composite: A novel eco-friendly solid acid for the synthesis of n-butyl levulinate from furfuryl alcohol. *Renew. Energ. (IF: 8.634)*, 2020, 146, 477-483.

11. Jinfan Yang\*, Xiaoru Niu, **Hao Wu\***, Hongyu Zhang, Zhifeng Ao, Sufeng Zhang. Valorization of humin as a glucose derivative to fabricate a porous carbon catalyst for esterification and hydroxyalkylation/alkylation. *Waste. Manage. (IF: 8.816)*, 2020, 103, 407-415.

### Conference and Book:

1. **Hao Wu**§, Lu Zhang§, Yuanpei Li\* and Kit S. Lam\*, Chapter12: Stimuli-Responsive Materials in Theranostics, “Stimuli-responsive Drug Delivery Systems”, Royal Society of Chemistry in 2018, ISBN 978-1-78801-113-6 (*book*)

2. Lu Zhang§, **Hao Wu**§, Yuanpei Li\* and Kit S. Lam\*, Chapter13: Reversible cross-linked polymeric for delivery purposes, “Nanoengineered Biomaterials for Advanced Drug Delivery”, Elsevier in 2019, ISBN 978-0-08102-985-5 (*book*)

3. Mingqian Tan, **Hao Wu**, Xiaojie Song, Yanfang Wang, Beibei Wang and Zhengrong Lu, “Tumor Targeted MRI Contrast Agents Based on Nanoglobules for Cancer Molecular Imaging”, *Oral*, The 2nd International Congress on Magnetic Resonance Imaging (ICMRI)& The 19th Annual Scientific Meeting of KSMRM, Seoul, Korea, Mar. 28-28,2014.

4. Yang Liu and **Hao Wu**, Chapter13: Protein-based Nanoparticles for Tumor Targeting Theranostics, “Nanomaterials for tumor-targeted theranostics”, World Scientific Published in 2014, ISBN 978-981-4635-41-7(*book*)

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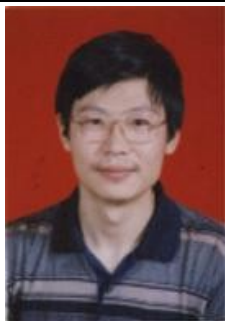
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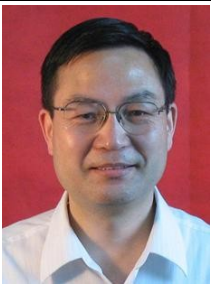

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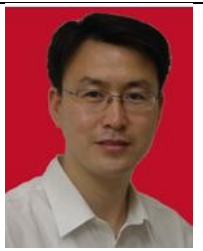



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