**Chinese Academy of Medical Sciences & Peking Union Medical College**

**Institute of Basic Medical Sciences**

**Faculty Curriculum Vitae**

**PERSONAL INFORMATION**

Name Robert Chunhua Zhao M.D. PhD

Academician, European Academy of Sciences, Arts and Humanities

Vice-president, Chinese Branch of European Academy of Sciences, Arts

and Humanities

President, International Society on Aging and Disease（USA）

Regional Editor, Stem Cells and Development（USA）

Cheung Kong Scholar, Professor of Medicine, Chairman at Center of

Excellence in Tissue Engineering, Chinese Academy Medical Sciences and

Peking Union Medical College

Director at Beijing Key Laboratory of New Drug

Development and Clinical Trial of Stem Cell Therapy

Nationality Chinese, Permanent Residence of USA (US Green Card Holder)

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**PROFESSIONAL EXPERIENCE**

3/2019-present Vice-president, Chinese Branch of European Academy of Sciences Arts

 and Humanities

11/2018-present Academician, European Academy of Sciences Arts and Humanities

10/2018-present President, International Society on Aging and Disease (http://www.isoad.org/Data/List/Officers)

12/2017-12/2021 Advisory Committee Member of Pharmaceutical Experts for Pharmaceutical and Biological Products Registration of Center for Drug Evaluation (CFDA)

12/2015-present Expert, National Consultative Group of Experts on the Standardization of Biotechnology

6/2015-present Director, Beijing Key Laboratory of New Drug Development and Clinical Trial of Stem Cell Therapy

4/2015-present Adjunct Professor, Department of Anatomy and Developmental Biology, Monash University

8/2014-present Vice President, Chinese Society for Anatomical Sciences

2/2013-present Adjunct Professor, Peking Union Medical College Hospital

1/2007-present Head of Department of Cell Biology, Institute of Basic Medical Sciences Chinese Academy of Medical Sciences & Peking Union Medical College

1/2006-present Adjunct Professor, Department of Molecular Genetics, Microbiology and

Immunology, and Co-director of the Division of Stem Cell Immunobiology, Center of Molecular Therapy, Robert Wood Johnson Medical School

5/2002-present Director, Center of Excellence in Tissue Engineering, Chinese Academy of Medical Sciences and Peking Union Medical College

3/2002-2004 Vice Director, National Center for Stem Cell Research

12/2000-present Cheung Kong Scholar of Stem Cell Biology in China, Director, Sino-America

Collaborative Laboratory, Institute of Hematology, Chinese Academy of Medical Sciences and Peking Union Medical College

9/1999-present Professor & Vice Director, National Key Laboratory for Experimental Hematology

3/1998-2000 Assistant Professor, Division of Hematology Oncology & Transplantation, Stem Cell Institute & Cancer Center, University of Minnesota, Minneapolis, MN

7/1996-3/1998 Research Associate, Division of Hematology, Oncology & Transplantation & Cancer Center, University of Minnesota, Minneapolis, MN

2/1995-7/1996 Postdoctoral Associate, Stem Cells Lab, Division of Hematology,

 University of Minnesota, Minneapolis, MN

7/1993-2/1995 Assistant Professor, Academy of Military Medical Sciences,

Director of Division of Genetic Engineering, SinoChem Institute of Bio-Technology, Beijing

7/1985-7/1988 Fellow, Department of Hematology, North TaiPing Hospital, Beijing

**EDUCATION AND TRAINING**

1995-1997 Postdoctoral Fellowship Stem Cells Lab, Division of Hematology, University of Minnesota, Minneapolis, MN

1988-1993 Ph.D., Immunology, Molecular, Cellular Biology and Genetics Academy of Military Medical Sciences, Beijing

1988-1991 Fellowship, Beijing North TaiPing Hospital

1980-1985 M.D., Second Military Medical University, Shanghai

**FUNDING/GRANTS**

2020-2021 National key R & D plan "key special project of public security risk

prevention and control and emergency technical equipment"

(Grant No. 2020YFC0844000) -370,000USD

2017-2020 CAMS Innovation Fund for Medical Sciences (Grant No.2017-I2M-3-007)

2016-2020 National Key Research and Development Program of China (Grant No. 2016YFA0101000, 2016YFA0101003)-2,830,000USD

2015-2017 Project Supported by Beijing Municipal Science & Technology Commission (Grant No. Z151100001615063)-70,000USD

2014-2017 Project Supported by the Natural Science Foundation of Beijing, China (Grant No. 14G10098)-90,000USD

2014-2016 National Science and Technology Major Project for Innovative Pharmaceuticals (Grant No. 2014ZX09101042)-3,980,000USD

2014-2017 Project supported by the State General Program of National Natural Science of China (Grant No. 81370879 & Grant No. 81370466)-120,000 USD

2013-2015 International Science & Technology Cooperation Program (Grant No. 2013DFG30680) -90,000USD

2011-2012 The Ministry of Science and Technology of the People Republic of China (863 Projects) ( Grant No. 2011AA020100) -3,680,000USD

2011-2015 The National Basic Research Program of China (973 Program) (Grant No. 2011CB964900) -4,250,000USD

2010-2012 Project Supported by Program for Cheung Kong Scholars and Innovative Research Team in University (Grant No. IRT0909)-420,000 USD

2010-2012 Project Supported by the Funds for International Cooperation and Exchange of the National Natural Science Foundation of China (Sino-German) (Grant No. 30911130363)-60,000 USD

2009-2010 National Science and Technology Major Project for Innovative Pharmaceuticals (Grant No. 2009ZX09503-025)-980,000 USD

2009-2012 Project Supported by the State Key Program of National Natural Science of China (Grant No. 30830052 ) -230,000USD

2004-2007 The National Natural Science Foundation of China (Grant No.30070284)-30,000USD

2002-2006 The National Key Project for Basic Research of China (Grant No. 001CB5099) -370,000USD

2001-2005 The Ministry of Science and Technology of the People Republic of China (863 Projects) (Grant No. 2002AA205061)-910,000USD

2001-2005 The China Medical Board of New York (Stem Cell Biology, Engineering, Grant No. 01-748) -550,000USD

**AWARDS AND HONORS**

2016 National Outstanding Scientific and Technical Workers, China Association for Science and Technology

2009 The National Second Invent Award, People’s Republic of China

2007 The First Invent Award, the Ministry of Education of the People’s Republic of China

2007 The Second Award for the Advancement of Science and Technology in Beijing

2001-2004 National Science Fund for Distinguished Young Scholars

2001 The Second China Medical Award

2000 The Second Award for the Advancement of Science and Technology in Tianjin

1999-2000 21st Century of Tianjin Outstanding Scientist Award

1999 Minnesota Medical Foundation “beta1 Integrins mediated adhesive defects in Bcr/Abl transduced primary hematopoietic CD34 positive cells”. PI Zhao RCH

1999 Minnesota University Bone Marrow Transplant Research Fund Award. PI Zhao RCH

1999 Faculty grant of Minnesota University Graduate School “Transfer of p210BCR/ABL in human CD34 cell recreates novel CML model”. PI Zhao RCH

1997 “Autologous transplantation for chronic myelogenous leukemia with stem cells transduced with a MTX resistant DHFR and anti-BCR/ABL antisense containing vector and post transplant MTX administration". Clinical Trial MT 9702 Proved by Food and Drug Administration). Verfaillie CM (PI), Zhao RCH (Co-PI), “Gene Therapy for Leukemia” Supported by Leukemia Society of America

1996 “Method to prepare drug-resistant, non-malignant hematopoietic cells” was issued U.S. Patent Application by the three inventors, International publication No: Wo97/18305 on 22 May 1997. Verfaillie CM, Zhao RCH.

 “Develop retroviral vectors that render stem cells drug-resistant and malignant BCR/ABL positive stem cells functionally normal.” Zhao RCH, Verfaillie CM. Bone Marrow Transplant Research Fund Awards.

**EDITORIAL BOARD/MEMBERSHIP**

1/2018-present Editorial Board of Frontiers of Medicine

2011-present Leader of Stem cell research platform, National “2011 project” of Biological Therapy with Collaborative Innovation Center

2011- present Chief scientist of National 973 Basic Research Program of the MOST

2008-present Vice Secretary-General of Chinese Society for Anatomical Sciences

2006-2011 Editorial board member of Experimental Hematology

1/2004-present Regional Editor of Stem Cells and Development

2003-present Regional Editor /Associate Editor, Stem Cells and Development

2006-present Vice President of Chinese Society of Regenerative Medicine

2006-present Vice President of Chinese Society of Experimental Hematology

2003-present Member of Education Committee, Tissue Engineering and Regenerative Medicine International Society

2002-2006 Editorial board member of international J of Lab. & Clinical Med.

2001-2004 Advisor of National Committee of Science and High Technology “863” in China

1998-2001 Member of Cancer Center University of Minnesota

**PUBLICATIONS**

1. Deng L, Li H, Su X, Zhang Y, Xu H, Fan L, Fan J, Han Q, Bai X, Zhao RC. Chlorzoxazone, a small molecule drug, augments immunosuppressive capacity of mesenchymal stem cells via modulation of FOXO3 phosphorylation. Cell Death Dis. 2020 Mar 2;11(3):158.
2. Leng Z, Zhu R, Hou W, Feng Y, Yang Y, Han Q, Shan G, Meng F, Du D, Wang S, Fan J, Wang W, Deng L, Shi H, Li H, Hu Z, Zhang F, Gao J, Liu H, Li X, Zhao Y, Yin K, He X, Gao Z, Wang Y, Yang B, Jin R, Stambler I, Lim LW, Su H, Moskalev A, Cano A, Chakrabarti S, Min KJ, Ellison-Hughes G, Caruso C, Jin K, Zhao RC. Transplantation of ACE2- Mesenchymal Stem Cells Improves the Outcome of Patients with COVID-19 Pneumonia. Aging Dis. 2020 April: 11(2):216-228
3. Zhao RC, Stambler I. [The Urgent Need for International Action for Anti-aging and Disease Prevention.](https://www.ncbi.nlm.nih.gov/pubmed/32010494) Aging Dis. 2020 Feb 1;11(1):212-215.
4. Qin W, Li J, Zhu R, Gao S, Fan J, Xia M, Zhao RC, Zhang J. [Melatonin protects blood-brain barrier integrity and permeability by inhibiting matrix metalloproteinase-9 via the NOTCH3/NF-κB pathway.](https://www.ncbi.nlm.nih.gov/pubmed/31811815) Aging (Albany NY). 2019 Dec 7;11(23):11391-11415.
5. Li J, Li N, Chen Y, Hui S, Fan J, Ye B, Fan Z, Zhang J, Zhao RC, Zhuang Q.SPRY4 is responsible for pathogenesis of adolescent idiopathic scoliosis by contributing to osteogenic differentiation and melatonin response of bone marrow-derived mesenchymal stem cells. Cell Death Dis. 2019 Oct 23;10(11):805.
6. Li H, Yue L, Xu H, Li N, Li J, Zhang Z, Zhao RC. Curcumin suppresses osteogenesis by inducing miR-126a-3p and subsequently suppressing the WNT/LRP6 pathway. Aging (Albany NY). 2019 Sep 3;11(17):6983-6998.
7. Li J, Yang Y, Fan J, Xu H, Fan L, Li H, Zhao RC.Long noncoding RNA ANCR inhibits the differentiation of mesenchymal stem cells toward definitive endoderm by facilitating the association of PTBP1 with ID2.Cell Death Dis. 2019 Jun 24;10(7):492.
8. Yin K, Wang S, Zhao RC. [Exosomes from mesenchymal stem/stromal cells: a new therapeutic paradigm.](https://www.ncbi.nlm.nih.gov/pubmed/30992990) Biomark Res. 2019 Apr 4;7:8.
9. Wang S, Su X, Xu M, Xiao X, Li X, Li H, Keating A, Zhao RC.[Exosomes secreted by mesenchymal stromal/stem cell-derived adipocytes promote breast cancer cell growth via activation of Hippo signaling pathway.](https://www.ncbi.nlm.nih.gov/pubmed/30971292) Stem Cell Res Ther. 2019 Apr 11;10(1):117.
10. Li J, Hao Y, Mao W, Xue X, Xu P, Liu L, Yuan J, Zhang D, Li N, Chen H, Zhao L, Sun Z, Luo J, Chen R, Zhao RC. [LincK contributes to breast tumorigenesis by promoting proliferation and epithelial-to-mesenchymal transition.](https://www.ncbi.nlm.nih.gov/pubmed/30795783) J Hematol Oncol. 2019 Feb 22;12(1):19.
11. Shen Y, Xue C, Li X, Ba L, Gu J, Sun Z, Han Q, Zhao RC. Effects of gastric cancer cell-derived exosomes on the immune regulation of mesenchymal stem cells by the NF-kB signaling pathway. Stem Cells Dev. 2019 Apr 1;28(7):464-476.
12. Li H, Zhu L, Chen H, Li T, Han Q, Wang S, Yao X, Feng H, Fan L, Gao S, Boyd R, Cao X, Zhu P, Li J1, Keating A, Su X, Zhao RC. Generation of Functional Hepatocytes from Human Adipose-Derived MYC+ KLF4+ GMNN+ Stem Cells Analyzed by Single-Cell RNA-Seq Profiling. Stem Cells Transl Med. 2018 Sep 11.
13. Fan J, An X, Yang Y, Xu H, Fan L, Li T, Weng X, Zhang J, Zhao RC. miR-1292 Targets FZD4 to Regulate Senescence and Osteogenic Differentiation of Stem Cells in TE/SJ/Mesenchymal tissue system via the Wnt/β-catenin Pathway. Aging and Disease. 2018 Dec 9(6).
14. Li H#, Fan J#, Fan L, Li T, Yang Y, Xu H, Deng L, Li J, Li T, Weng X, Wang S, Zhao RC. miRNA-10b Reciprocally Stimulates Osteogenesis and Inhibits Adipogenesis Partly Through the TGF-β/SMAD2 Signaling Pathway. Aging and Disease. 2018 Dec 9(6).
15. Wang S, Xu M, Li X, Su X, Xiao X, Keating A, Zhao RC. Exosomes released by hepatocarcinoma cells endow adipocytes with tumor-promoting properties. J Hematol Oncol. 2018 Jun 14;11(1):82.
16. Wang S, Zhu R, Li H, Li J, Han Q, Zhao RC. Mesenchymal stem cells and immune disorders: from basic science to clinical transition. Front Med. 2018 Jul 30.
17. Fan L, Fan J, Liu Y, Li T, Xu H, Yang Y, Deng L, Li H, Zhao RC. [miR-450b promotes osteogenic differentiation in vitro and enhances bone formation in vivo by targeting BMP3.](https://www.ncbi.nlm.nih.gov/pubmed/29649414) Stem Cells Dev. 2018 May 1;27(9):600-611.
18. Liu X, Ren S, Ge C, Cheng K, Li X, Zhao RC. [Sca1+Lin-CD117- mouse bone marrow-derived mesenchymal stem cells regulate immature dendritic cell maturation by inhibiting TLR4-IRF8 signaling via the Notch-RBP-J pathway.](https://www.ncbi.nlm.nih.gov/pubmed/29649410) Stem Cells Dev. 2018 Apr 15;27(8):556-565.
19. Gao J, Wang S, Tang Q, Li X, Zhang Y, Liu W, Gao Z, Yang H, Zhao RC. [In vitro survival of mesenchymal stem cells is enhanced in artificial endolymph with moderately high concentrations of potassium.](https://www.ncbi.nlm.nih.gov/pubmed/29631482) Stem Cells Dev. 2018 May 15;27(10):658-670.
20. Ding J, Han Q, Deng M, Song XC, Chen C, Ai FF, Zhu L, Zhao RC.[Induction of human umbilical cord mesenchymal stem cells into tissue-forming cells in a murine model: implications for pelvic floor reconstruction.](https://www.ncbi.nlm.nih.gov/pubmed/29480458)Cell Tissue Res. 2018 Feb 26.
21. Xue C, Shen Y, Li X, Ba L, Sun Z, Gu J, Chen Y, Ma B, Wei J, Han Q, Zhao RC.[Exosomes derived from hypoxia-treated human adipose mesenchymal stem cells enhance angiogenesis through the PKA signaling pathway.](https://www.ncbi.nlm.nih.gov/pubmed/29415626)Stem Cells Dev. 2018 Feb 7.
22. [Yin K](https://www.ncbi.nlm.nih.gov/pubmed/?term=Yin%20K%5BAuthor%5D&cauthor=true&cauthor_uid=28594941), [Zhu R](https://www.ncbi.nlm.nih.gov/pubmed/?term=Zhu%20R%5BAuthor%5D&cauthor=true&cauthor_uid=28594941), [Wang S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wang%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28594941), [Zhao RC](https://www.ncbi.nlm.nih.gov/pubmed/?term=Zhao%20RC%5BAuthor%5D&cauthor=true&cauthor_uid=28594941).Low level laser (LLL) attenuate LPS-induced inflammatory responses in mesenchymal stem cells via the suppression of NF-κB signaling pathway in vitro. [PLoS One.](https://www.ncbi.nlm.nih.gov/pubmed/28594941) 2017 Jun 8;12(6):e0179175.
23. [Wang S](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wang%20S%5BAuthor%5D&cauthor=true&cauthor_uid=28523512), [Li X](https://www.ncbi.nlm.nih.gov/pubmed/?term=Li%20X%5BAuthor%5D&cauthor=true&cauthor_uid=28523512), [Xu M](https://www.ncbi.nlm.nih.gov/pubmed/?term=Xu%20M%5BAuthor%5D&cauthor=true&cauthor_uid=28523512)1, [Wang J](https://www.ncbi.nlm.nih.gov/pubmed/?term=Wang%20J%5BAuthor%5D&cauthor=true&cauthor_uid=28523512), [Zhao RC](https://www.ncbi.nlm.nih.gov/pubmed/?term=Zhao%20RC%5BAuthor%5D&cauthor=true&cauthor_uid=28523512)3Reduced adipogenesis after lung tumor exosomes priming in human mesenchymal stem cells via TGFβ signaling pathway. [Mol Cell Biochem.](https://www.ncbi.nlm.nih.gov/pubmed/28523512) 2017 May 18.
24. Yin K, Zhu R, Wang S, Zhao RC.[Low level lasers effect on proliferation, migration and anti-apoptosis of mesenchymal stem cells.](https://www.ncbi.nlm.nih.gov/pubmed/28178868) Stem Cells Dev. 2017 May 15;26(10):762-775.
25. Wan L, Yao X, Faiola F, Liu B, Zhang T, Tabata Y, Mizuguchi H, Nakagawa S, Gao JQ, Zhao RC. Coating with spermine-pullulan polymer enhances adenoviral transduction of mesenchymal stem cells. Int J Nanomedicine. 2016 Dec 13;11:6763-6769.
26. Su X, Yao X, Sun Z, Han Q, Zhao RC.Optimization of Reference Genes for Normalization of qRT-PCR Results in Senescence Study of Mesenchymal Stem Cells. Stem Cells Dev. 2016 Aug 2.
27. Liang X, Zhang L, Wang S, Han Q, Zhao RC.Exosomes secreted by mesenchymal stem cells promote endothelial cell angiogenesis by transferring miR-125a. J Cell Sci. 2016 Jun 1;129(11):2182-9.
28. Li X, Wang S, Zhu R, Li H, Han Q, Zhao RC. Lung tumor exosomes induce a pro-inflammatory phenotype in mesenchymal stem cells via NFκB-TLR signaling pathway.J Hematol Oncol. 2016 Apr 18;9:42.
29. Li HL, Wei JF, Fan LY, Wang SH, Zhu L, Li TP, Lin G, Sun Y, Sun ZJ, Ding J, Liang XL, Li J, Han Q, Zhao RC.miR-302 regulates pluripotency, teratoma formation and differentiation in stem cells via an AKT1/OCT4-dependent manner.Cell Death Dis. 2016 an 28;7:e2078.
30. Wang S, Li X, Zhao RC. Transcriptome Analysis of Long Noncoding RNAs in Toll-Like Receptor 3-Activated Mesenchymal Stem Cells. Stem Cells Int. 2016;2016:6205485.
31. Wang S, Li X, Zhu R, Han Q, Zhao RC.Lung cancer exosomes initiate global long non-coding RNA changes in mesenchymal stem cells. Int J Oncol. 2016 Feb;48(2):681-9.
32. Xiao T, Liu L, Li H, Sun Y, Luo H, Li T, Wang S, Dalton S, Zhao RC, Chen R. Long Noncoding RNA ADINR Regulates Adipogenesis by Transcriptionally Activating C/EBPα.Stem Cell Reports. 2015 Nov 10;5(5):856-65.
33. Wang S, Xu P, Li X, Su X, Chen Y, Wan L, Fan L, Yin K, Liu Y, Zhao RC. Mesenchymal stem cells and cell therapy for bone repair. Curr Mol Pharmacol. 2015 Sep 28. [Epub ahead of print]
34. Zhang L, Li K, Yan X, Liang X, Wang S, Han Q, Zhao RC. MicroRNA-498 Inhibition Enhances the Differentiation of Human Adipose-Derived Mesenchymal Stem Cells into Podocyte-Like Cells. Stem Cells Dev. 2015 Oct 26. [Epub ahead of print]
35. Zeng Y, Zhu L, Han Q, Liu W, Mao X, Li Y, Yu N, Feng S, Fu Q, Wang X, Du Y, Zhao RC. Preformed gelatin microcryogels as injectable cell carriers for enhanced skin wound healing. Acta Biomater. 2015 Oct 1;25:291-303.
36. Li H, Li T, Fan J, Li T, Fan L, Wang S, Weng X, Han Q, Zhao RC.miR-216a rescues dexamethasone suppression of osteogenesis, promotes osteoblast differentiation and enhances bone formation, by regulating c-Cbl-mediated PI3K/AKT pathway. Cell Death Differ. 2015 Dec;22(12):1935-45.
37. Sun Z, Zhou N, Han Q, Zhao L, Bai C, Chen Y, Zhou J, Zhao RC.MicroRNA-197 influences 5-fluorouracil resistance via thymidylate synthase in colorectal cancer. Clin Transl Oncol. 2015 Nov;17(11):876-83.
38. Liu X, Ren S, Ge C, Cheng K, Zenke M, Keating A, Zhao RC.Sca-1+Lin-CD117- mesenchymal stem/stromal cells induce the generation of novel IRF8-controlled regulatory dendritic cells through Notch-RBP-J signaling. J Immunol. 2015 May 1;194(9):4298-308.
39. Liu X, Ren S, Qu X, Ge C, Cheng K, Zhao RC [Mesenchymal stem cells inhibit Th17 cells differentiation via IFN-γ-mediated SOCS3 activation.](http://www.ncbi.nlm.nih.gov/pubmed/25588866) Immunol Res. 2015 Mar;61(3):219-29..
40. Sun Z, Meng C, Wang S, Zhou N, Guan M, Bai C, Lu S, Han Q, Zhao RC. [MicroRNA-1246 enhances migration and invasion through CADM1 in hepatocellular carcinoma.](http://www.ncbi.nlm.nih.gov/pubmed/25159494)BMC Cancer.  2014 Aug 27;14:616.
41. Yao X, Zhou N, Wan L, Su X, Sun Z, Mizuguchi H, Yoshioka Y, Nakagawa S, Zhao RC, Gao JQ. [Polyethyleneimine-coating enhances adenoviral transduction of mesenchymal stem cells.](http://www.ncbi.nlm.nih.gov/pubmed/24727452)Biochem Biophys Res Commun. 2014 May 9;447(3):383-7.
42. Li T, Li H, Li T, Fan J, Zhao RC, Weng X. [MicroRNA Expression Profile of Dexamethasone-Induced Human Bone Marrow-Derived Mesenchymal Stem Cells During Osteogenic Differentiation.](http://www.ncbi.nlm.nih.gov/pubmed/24802236)J Cell Biochem. 2014 Oct;115(10):1683-91.
43. [Wang L](http://www.ncbi.nlm.nih.gov/pubmed?term=Wang%20L%5BAuthor%5D&cauthor=true&cauthor_uid=24835895)1, [Han Q](http://www.ncbi.nlm.nih.gov/pubmed?term=Han%20Q%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Chen H](http://www.ncbi.nlm.nih.gov/pubmed?term=Chen%20H%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Wang K](http://www.ncbi.nlm.nih.gov/pubmed?term=Wang%20K%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Shan GL](http://www.ncbi.nlm.nih.gov/pubmed?term=Shan%20GL%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Kong F](http://www.ncbi.nlm.nih.gov/pubmed?term=Kong%20F%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Yang YJ](http://www.ncbi.nlm.nih.gov/pubmed?term=Yang%20YJ%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Li YZ](http://www.ncbi.nlm.nih.gov/pubmed?term=Li%20YZ%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Zhang X](http://www.ncbi.nlm.nih.gov/pubmed?term=Zhang%20X%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Dong F](http://www.ncbi.nlm.nih.gov/pubmed?term=Dong%20F%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Wang Q](http://www.ncbi.nlm.nih.gov/pubmed?term=Wang%20Q%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Xu D](http://www.ncbi.nlm.nih.gov/pubmed?term=Xu%20D%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Hu ZJ](http://www.ncbi.nlm.nih.gov/pubmed?term=Hu%20ZJ%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Wang SH](http://www.ncbi.nlm.nih.gov/pubmed?term=Wang%20SH%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Keating A](http://www.ncbi.nlm.nih.gov/pubmed?term=Keating%20A%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Bi YL](http://www.ncbi.nlm.nih.gov/pubmed?term=Bi%20YL%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Zhang FC](http://www.ncbi.nlm.nih.gov/pubmed?term=Zhang%20FC%5BAuthor%5D&cauthor=true&cauthor_uid=24835895), [Zhao RC](http://www.ncbi.nlm.nih.gov/pubmed?term=Zhao%20RC%5BAuthor%5D&cauthor=true&cauthor_uid=24835895). Allogeneic Bone Marrow Mesenchymal Stem Cell Transplantation in Patients with UDCA-Resistant Primary Biliary Cirrhosis. [Stem Cells Dev.](http://www.ncbi.nlm.nih.gov/pubmed/24835895) [Stem Cells Dev.](http://www.ncbi.nlm.nih.gov/pubmed/24835895) 2014 Oct 15;23(20):2482-9.
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**BOOKS**

“Stem Cells: Basics and Clinical Translation” in English, **Zhao Robert Chunhua** (Editor): Springer. 2015.

“Essentials of Mesenchymal Stem Cell Biology and Its Clinical Translation” in English, **Zhao** **Robert Chunhua** (Editor): Springer. Feb 2013.

“BLOOD DISEASE: Research and Clinic” in Chinese, edited by Hao Yushu, **Zhao CH**: Chinese Science and Technology Publishing House. Shanghai. Aug 2006.

“STEM CELL: Basic Research and Medical Applications”in Chinese, **Zhao Robert Chunhua** (Editor): Beijing HUAGONG Publishing House. May 2006.

**INVITED SYMPOSIA/SELECTED PRESENTATIONS**

Chairman

Keynote speaker 12/2019 The Second International Annual Meeting on Biology and Medicine, Beijing China

Keynote speaker 11/2018 International Symposium on acupuncture and moxibustion, Paris, France

Co-Chair 10/2018 International Conference on Aging and Disease, Nice France (<http://www.isoad.org/Data/List/Conference-Committee>)

Keynote speaker 08/2017 The Ten Annual Conference of International Association of Neurorestoratology (IANR), Buenos Aires, Argentina

Chairman 9/2017 International Annual Meeting on Biology and Medicine

 (The Heshan Forum), Qingdao China

Coordinator China 10/2015 ISO/TC 276 Working Groups Meetings, Tokyo, Japan

Keynote speaker 4/2014 ThymOz-VII: An International Workshop on Thymus Biology, Heron Island Australia

Keynote speaker 11/2013 14th National Congress of Experimental Hematology, Shanghai China

Keynote speaker 1/2013 18th Medical Research Conference, Hong Kong China

 Scientific report by “Immunity”: Spotlight on China-Supplement to Immunity 2013: Where Stem Cells And Immunity Intersect

Invited speaker 8/2012 Sino-German-Workshop

Invited speaker 7/2012 CAS Structural Immunology & Stem Cell Symposium 2012, Kunming China

Invited speaker 5/2012 World Congress on Medical Physics and Biomedical Engineering, Beijing China

Invited speaker 4/2012 Translational Medicine Forum of Li Ka Shing Faculty of Medicine, The University of Hong Kong,

Invited speaker 4/2012 The Fourth Stem Cell Forum in Hangzhou, Hangzhou China

Invited speaker 10/2011 International Symposium on Mesenchymal Stem Cells 2011, Chengdu China

Invited speaker 6/2011 2011 Sino-American Symposium on Clinical and Translational Medicine, Shanghai China

Invited speaker 10/2010 International Society for Laboratory Hematology Annual Meeting of 2010, Melbourne, Australia

Invited speaker 5/2009 International Conference on Regenerative Medicine, Beijing China

Invited speaker 10/2008 Tianjin International Stem Cell Forum (2008), Tianjin China

Invited speaker 9/2006 international society for path physiology, Beijing China

Keynote speaker 4/2006 ThymOz V Conference-An International Workshop on T Lymphocytes & Monash Immunology and Stem Cell Laboratories (MISCL) Symposium. Melbourne, Australia

Invited speaker 12 January 2006 Laboratory of Experimental Tissue Engineering (LOEX)Quebec, Canada

Invited speaker 17 January 2006 Department of Molecular Genetics, Microbiology and Immunology, Robert Wood Johnson Medical School, University of Medicine & Dentistry of New Jersey

Invited speaker 20 January 2006 New York University School of Medicine Nelson Institute of Environmental Medicine

Invited speaker 10/2005 8th Annual Meeting of the Tissue Engineering International & Regenerative Medicine Society. Shanghai, China

Invited speaker 9/2005 International High-Level Forum on Bioeconomy 2005. Beijing, China

Invited speaker 8/2005 The 8th Annual Meeting of Tissue Engineering Society International

Section Chair 9/2005 4th Annual Meeting of the European Tissue Engineering Society. Munich, Germany

Invited speaker 4/2005 The 3rd Congress of the Federation of Immunological Societies of Asia-Oceania. Hangzhou, China

Invited speaker 11/2006. Sino-Australian Stem Cell Initiative. Sydney, Australia

Invited speaker 10/2006 China & Europe Life Sciences Partnering Forum II and the 14th Annual BioPartnering Europe Event. London, England

Invited speaker 9/2006 Satellite Symposium Chinese and German Scientists Working on Stem Cell Research. Dresden, Germany

Chairman/Organizer  12/2003: International Symposium on Stem Cell Research, Beijing, China, Dec. 17, 2003.

Invited speaker November 27-30, 2002 4th International Conference on Multi-dimensional Microscopy & Cell-Tissue Engineering. Guangzhou China

Invited speaker May 27-30, 2002 First International Conference on International Tissue Engineering in China. Chengdu China

Invited speaker September 27th 2002 Grant-round Conference U.T. M.D. Anderson CancerCenter USA.

Invited speaker February 9th to 13th 2003 Max-Planck-Society and European Neuroscience Institute, Göttingen Germany

6/2007 Oral presentation in 5th International Society for Stem Cell Research Annual Meeting. Australia

7/2006 Oral presentation in 35th Annual meeting of the international society for Experimental Hematology. Paris, France

8/2005 Oral presentation in 34th Annual Scientific Meeting of the International Society for Experimental Hematology. Glasgow, Scotland

7/2004 Oral presentation in 33rd Annual Scientific Meeting of the International Society for Experimental Hematology. New Orleans

7/2003 Oral presentation in 32nd Annual meeting of the international society for Experimental Hematology. Paris, France

8/2002 Oral presentation in 31st Annual meeting of the international society for Experimental Hematology. Montréal, Canada

10/2001 Oral presentation International Symposium on Cell Signaling from disease to drug discovery Hong Kong

8/2001 Chairman: Second China International Symposium on Angiogenesis & Hematopoiesis (three oral presentation) Tianjin

8/2001 Attend the 30th Annual Meeting of The International Society for Experimental Hematology. Japan

6/2001 Chairman: Second Sino-Poland Tissue Engineering and Banking Conference (oral presentation ) Poland

12/2000 Attend the 42nd Annual Meeting of American Society of Hematology (three presentation )

12/1999 Oral presentation in the 41st Annual Meeting of American Society of Hematology

5/1998 Attend the 1st Annual Meeting of American Society of Gene Therapy (ASGT) Seattle.

12/1997 Oral presentation in the 39th Annual Meeting of American Society of Hematology (ASH) San Diego, CA

12/1996 Oral presentation in the 38th Annual Meeting of ASH Orlando, FL

9/1996 Oral presentation in the American Federation for Clinical Research Chicago, Illinois

12/1995 Attend the 37th Annual Meeting of ASH Seattle, Washington.

8/1994 Attend the 23rd Annual Meeting of The International Society for Experimental Hematology. Minneapolis.

11/1993 Oral presentation at the Meeting on 4th Chinese Experimental Hematology. Canton.

9/1993 Oral presentation at the International Meeting on 93' Biochemistry and Molecular Biology for Chinese Young Scientists. Shanghai.

6/1993 Oral presentation at the Meeting on 1st National Bioengineering. Beijing.

12/1991 Oral presentation at the Meeting on the 2nd National Medical Biochemistry. Canton.

**Laboratory Members**

* **Robert chunhua Zhao** **, MD, PhD**

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* **Mr. Bin Zheng,** **B.S**

**Lab administrator**

**Zhenbin456@163.cpm**

* **Mrs.Yang Zhao, B.A.**

**Lab administrator**

**yangchaoaxcx@163.com**

**Laboratory Technicians**

**Mr. Xingjian Li**

**Mr.Yunlong Wang**

**Mr.Moran Huo**

**Mr.Yang Nie**

**Mrs.Ping Wang**

**Ms.Bingjie Wang**

**Ms.Keting Xiang**

**Mrs.Aibang Jiang**

**Ms.Yuan Wang**

**Mr.Yicheng Lang**

**Visiting Professors/Scholars**

**2015-2018 Stephen Dalton, MD, PhD(University of Georgia)**

**2018-present Thomas A. Rando, MD, PhD(Stanford University)**

**Postdoctoral Fellows**

2005-2007 Xingxia Liu, PhD

2010-2012 Kanghua Li, PhD

Hongling Li, PhD

2012-2014 Xinglei Yao, PhD

2014-2016 Rongjia Zhu, PhD

2016-2019 Junfen Fan, PhD

**Doctoral Students (Peking Union Medical College)**

1999-2001 Dong Xu , PhD

* 1. Junmin Song , PhD

2000-2003 Hong Guo, PhD

2001-2004 Baijun Fang, PhD

2001-2004 Yuhao Liu, PhD

2001-2004 Wei Zhang, PhD

2001-2006 Qin Han, PhD

2001-2006 Jing Li, PhD

2001-2006 Ying Cao, PhD

2001-2006 Mingxia Shi, PhD

2002-2005 Han Yue,PhD

2002-2007 Yanning Liu,PhD

2002-2007 Lei Chen,PhD

2003-2006 Bingzong Li, PhD

2003-2006 Bin Zhang, PhD

2003-2006 Jing Wang, PhD

2003-2006 Lifen Zeng, PhD

2003-2006 Yan Meng, PhD

2003-2008 Yashu Zhu, PhD

2004-2007 Zhao Sun, PhD

2004-2007 Jie Ma, PhD

2004-2007 Jianli Hu, PhD

2004-2008 Jianhe Chen, PhD

2004-2009 Bin Chen, PhD

2005-2008 Chunjing Bian, PhD

2005-2008 Wei Liang, PhD

2005-2008 Chunhua Lu, PhD

2005-2008 Jinhua Wang, PhD

2005-2008 Rui Liu, PhD

2005-2008 Dan Shi, PhD

2005-2009 Xiaowei Dou, PhD

2005-2008 Hong Zhou, PhD

2005-2010 Shan Lu, PhD

2005-2010 Zhuo Yang, PhD

2006-2009 Xishan Zhu, PhD

2006-2009 Kanghua Li, PhD

2006-2009 Yang Mei, PhD

2006-2009 Xi Yan, PhD

2006-2011 Shihua Wang, PhD

2007-2010 Zhijian Du, PhD

2007-2010 Hongling Li, PhD

2007-2010 Yang Zeng, PhD

2007-2012 Qilin Xu, PhD

2007-2012 Shan Huang, PhD

2009-2012 Xuebin Qu, PhD

2009-2012 Jing Li, PhD

2009-2014 Li Zhu, PhD

2010-2013 Nianhua Feng, PhD

2010-2013 Jianfeng Wei, PhD

2010-2015 Lina Zhang, PhD

2010-2015 Tangping Li, PhD

2011-2015 Xiaolei Liang, PhD

2011-2014 Chaozhuo Ge, PhD

2012-2015 Wenzhe Mao, PhD

2012-2015 Shaoda Ren, PhD

2014-2017 Kan Yin, PhD

2012-2017 Xiaoxia Li, PhD

2013-2016 Junfen Fan, PhD

2013-2018 Linyuan Fan, PhD

2013-2018 Xiaodong Su, PhD

2015-present Na Li, PhD

2015-present Luchan Deng, PhD

2016-present Yanlei Yang, PhD

2016-present Haoying Xu, PhD

2017-present Yunfei Chen, PhD

2017-present Xian Xiao, PhD

2018-present Chunling Xue, PhD

2018-present Hongliang Yu, PhD

2019-present Haiyan Wang, PhD

**Masters Students (Peking Union Medical College)**

1999-2001 Junde Cao, M.S.

2000-2003 Ling Zhang, M.S.

2001-2004 Chunmei Zheng M.S.

2001-2004 Zhao Sun, M.S.

2003-2006 Wan Wu, ,M.S.

2003-2006 Honglan Wang, M.S.

2003-2006 Weibo Gao, M.S.

2003-2006 Kanghua Li, M.S.

2004-2007 Michun He, M.S.

2004-2007 Mingyue Jia, M.S.

2004-2007 Huiying Liu, M.S.

2005-2008 Yuan Chen, M.S.

2005-2008 Ye Bu, M.S.

2008-2011 Liang Wang, M.S.

2009-2012 Qian Yang, M.S.

2010-2013 Ruizhu Lin, M.S.

2011-2014 Junfen Fan, M.S.

2012-2015 Xiaojing Mao, M.S.

2013-2016 Li Wan, M.S.

2013-2016 Pengchao Xu, M.S.

2014-2017 Yunfei Chen, M.S.

2014-2017 Yan Liu, M.S.

2015-2018 Chunling Xue, M.S.

2015-2018 Hua Chen, M.S.

2016-present Meiqian Xu, M.S.

2016-present Yamei Shen, M.S.

2017-present Xuechun Li, M.S.

2017-present Qiaoling Wang, M.S.

2018-present Xudong Yang, M.S.

2018-present Li Ba, M.S.

2019-present Di Li, M.S.

2019-present Mingjia Zhang, M.S.