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Dr. Zhou Hua obtained his PhD in Integration of Chinese and Western Medicine at Guangzhou University of Chinese Medicine in 2001. He is currently appointed as full professor at the State Key Laboratory of Quality Research in Chinese Medicine and the Dean of Faculty of Chinese Medicine of Macau University of Science and Technology. His major research areas are cardiovascular and immunological pharmacology and drug research and development of Chinese medicines. He is the member of Medical Committee of Macao SAR Government, the member of Health Professionals Council of the Macao SAR Government, the coordinator of the Accreditation Committee of Pharmacist in Chinese Medicine, Health Professionals Council of the Macao SAR Government, the Vice Chairman and Secretary General of Subcommittee of Immunology in Chinese Medicine of Chinese Society of Immunology, the Vice Secretary General and Vice President of Specialty Committee of Immunology of Traditional Chinese Medicine of WFCMS, the Associate Editor of Phytomedicine, the Honorary Editor of Pharmacological Research, and the Working Group Experts and Secretary of the Working Group 1 of ISO/TC249. He obtained research grants from the Joint Research Fund for Overseas Chinese, Hong Kong and Macao Young Scholars of NSFC, the Ministry of Science and Technology of China, and the Science and Technology Development Fund of Macao SAR. He has published over 160 SCI articles and 50 Chinese articles with a total citation of nearly 4500 and a H-index of 38 (Google Scholar), and 14 books, been granted over 30 international or China patents, and been awarded over 10 prizes as a major participant, including the Second Prize of National Science & Technology Progress Award of China, the First Prize of the Nature and Science Category of Ministry of Education Higher Education Outstanding Scientific Research Output Awards, and the First Prize of the Nature and Science Category of the Macao Science and Technology Award.

2003.4 - 2005.12 Project Coordinator & Scientific Officer / Dean's Office and Research and Development Division / School of Chinese Medicine / Hong Kong Baptist University

2002.11 - 2003.3 Scientific Officer / Research and Development Division / School of Chinese Medicine / Hong Kong Baptist University

2001.8 - 2002.10 Postdoctoral Training / Cardiac Physiology Laboratory / Division of Circulatory Physiology / Heart Failure Center; Department of Medicine / College of Physicians and Surgeons / Columbia University

1996.7 - 1998.8 Teaching and Research Assistant / Division of Pharmaceutical Sciences / Department of Chinese Medicines / Guangzhou University of Traditional Chinese Medicine

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2021 - 2024	Study on the Preparation, Standard, and Industrial Translation of Gualou Xiebai Banxia Decoction and Maimendong Decoction. Science & Technology Development Fund (FDCT) of Macao SAR 0001/2020/AKP, MOP9,000,000, 7 Aug. 2021 ~ 7 Aug. 2024
2020 - 2021	Development of Air and Surface Disinfection Product for 2019-nCoV from Chinese Medicines. Science & Technology Development Fund (FDCT) of Macao SAR 0053/2020/A, MOP411,000, 2020.4.18 ~ 2021.4.17
2020 - 2022	Research on the quality consistency evaluation and development of ISO standards for traditional Chinese medicines with multiple sources: Rheum root and rhizome and Coptis rhizome. Science & Technology Development Fund (FDCT) and Guangdong Science and Technology Department (GDST) Joint Research Funding 0027/2017/AMJ, MOP1,183,000, 2020.1.5 ~ 2022.1.4
2020 - 2023	Mechanistic study on the methylation at mPGES-1 gene promoter regulated by sinomenine and its application in discovering new anti-inflammatory Chinese medicines, Joint Research Fund for Overseas Chinese, Hong Kong and Macao Young Scholars of National Science Foundation of China 81929003, RMB1,800,000, 2020.01 ~ 2023.12
2018 - 2021	Q-marker Identification of Aconitum carmichaelii Debx. by Using the Technologies of PK-

Technology Development Fund of Macao SAR 037/2014/A1, MOP2,090,000, 2015.3~2018.2

2012 - 2015 Development of novel method for quality assessment of ginseng with correlation analysis between single nucleotide polymorphism and bioactivities, Science & Technology Development Fund (FDCT) of Macao SAR 071/2011/A3, MOP1,864,000, 2012.7~2015.1

2012 – 2012 Method development for detecting single nucleotide polymorphism from dammarenediol synthase gene of ginseng, Macao Foundation of Macao SAR 0206, MOP78,320, 2012.1~2012.12

Vice Chairman / Secretary General Subcommittee of Immunology in Chinese Medicine, Chinese Society of Immunology (2021 - 2025)

Member Guangdong Association of Traditional Chinese Medicine (2021.1 - 2025.1)

Coordinator Accreditation Committee of Pharmacist in Chinese Medicine, Health Professionals Council of the Macao SAR Government (2021.6.2 - 2024.3.31)

Member Health Professionals Council of the Macao SAR Government (2021.6.2 - 2024.3.31)

Consultant Institute of Liver Diseases, South China District Chinese Medicine Liver Disease Diagnosis and Treatment Center of the State Administration of Traditional Chinese Medicine (2021.1-2025.12)

Expert Chinese Medicine Technical Committee of Macau Quality Brand International Certification League (2021-2023)

Deputy Director Rheumatism and Immunological Drug Research Committee of China Association of Chinese Materia Medica (2020.9.27-2024.9.26)

Associate Editor Phytomedicine (2020.6 -)

Member The Council, National Technical Standard Innovation Base of Ginseng Industry (2020.5.27 - 2025.5.27)

Member Expert Committee, National Technical Standard Innovation Base of Ginseng Industry (2020.5.27 - 2025.5.27)

Executive Member Council, Macau Association for Promotion of Science and Technology (2020 – 2023)

Honorary Editor Pharmacological Research (2019.11 –)

Vice Secretary General, Vice President The Second Council of Specialty Committee of Immunology of Traditional Chinese Medicine of World Federation of Chinese

	Medicine Societies (2018.11 - 2023.11)
Member	Editorial Board, Phytomedicine (2018.09 -)
Vice President	The Specialty Committee of Traditional Chinese Medicine Pharmacognosy of World Federation of Chinese Medicine Societies (2018.8 - 2021.7)
Member	Alliance of Medical Doctors in Rheumatology and Immunology around Guangdong-Hong Kong-Macao Greater Bay Area (2018 – 2021)
Member	Macau Product Quality Certification Committee (2018.1.19 -)
Member	Medical Committee of Macao SAR Government (2017.8.8 -)
Vice-Secretary	Subcommittee of Immunology in Chinese Medicine, Chinese Society of Immunology (2018 – 2021)
Secretary	Macau International Collaboration Alliance for Rheumatology Research (2016.12 – 2020.11)
Member	The First Specialty Committee of Lingnan Chinese Materia Media Resource, Guangdong Pharmaceutical Association (2016.11 – 2019.11)
Member:	The First Council of China and Russia Union of the Innovation and Development of Traditional Chinese Medicine (2016.6 - 2019.6)
Supervisor:	Board of Supervisors, Macau Association for Promotion of Science and Technology (2016 - 2019)
Executive Member	Council, The Second Board of Committee of Standard Construction of World Federation of Chinese Medicine Societies (2014.12 - 2018.12)
Vice Secretary	Council, The First Board of Specialty Committee of Immunology of Traditional Chinese Medicine of World Federation of Chinese Medicine Societies (2014.11 - 2018.11)
Executive Member	Council, The First Board of Specialty Committee of Medical Resources Utilization and Conservation of World Federation of Chinese Medicine Societies (2013.10 - 2017.10)
Member	Council, the Specialty Committee of Pharmaceutics and Pharmacology of Chinese Medicine, Guangdong Provincial Association of Chinese Medicine (2013.9 - 2016.8)
Member	Guangdong Provincial Association of Chinese Medicine (2013.9 - Present)
Vice Chairman:	Division of Pharmaceutical History, Guangdong Pharmaceutical Association (2013.9 - 2016.8)
Academic Editor:	PLOS ONE (2013.7 - Present)
Executive Member:	Council, Macau Association for Promotion of Science and Technology (2013 - 2016)

Executive Member: The Division of Anti-inflammatory and Immunological Pharmacology, Chinese Pharmacological Society (2012 - Present)

Secretary: Working Group 1 “Quality and Safety of Raw Materials and Traditional Processing”, ISO/TC249 Traditional Chinese Medicine (2011 - Present)

Executive Member: Subcommittee of Immunology in Chinese Medicine, Chinese Society of Immunology, P.R. China (2009 - 2018)

Specialist: Hong Kong Council for Accreditation of Academic and Vocational Qualifications (25 June 2008 - Present)

(11) Second prize of the 2012 National Science & Technology Progress Award (the third awardee) for Innovative methods in quality control and bioactivity evaluation for research and development of anti-arthritic proprietary Chinese medicine, 2012-J-234-2-01-R03, the People's of Republic China, 19 Dec. 2012, Beijing, China.

(12) Li Shi Zhen Innovation Award in Medicine and Pharmacy (third awardee) for Methodology innovation in quality control and pharmacological evaluation of Chinese medicinal preparation for treating arthritic diseases and product development thereof, China Association of Chinese Medicine, Jan. 2012, Beijing, China.

(13) Faculty / School Performance Award, Hong Kong Baptist University, 24 Feb 2011, Hong Kong, China.

(14) Award of excellent paper for Pharmacological studies of QFGJS, an anti-arthritic herbal preparation, for treating rheumatoid arthritis, The 4th National Congress on Immunology of Chinese Medicine. 1 Nov. 2007. Nanjing, China.

(15) Award of excellent paper for Anti-inflammatory and analgesic effects of the extract of Qingfu Guanjieshu, a research drug from Chinese medicine for arthritis, and its mechanism of action, The 3rd National Congress on Immunology of Chinese Medicine. 15 Aug. 2006. Changsha, China.

(16) 2002 Guangdong Provincial Science & Technology Progress Award (Ninth awardee) for A Phytochemical and Pharmacological Analysis of Chinese Medicinal Formulae, Sijunzi Decoction, Guangdong Provincial Department of Science and Technology, China