

Huang Bin

Graduation institution:
Fujian University of Traditional
Chinese Medicine



Nation: China



Academic degree: Doctor



Title: Associate Professor



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Education

School and major	academic degree
Fujian normal university / biotechnology	Bachelor's degree
Xiamen University / cell biology	Master's degree
Fujian University of Traditional Chinses Medicine / Integrative Medicine	Doctor's degree

Main Work Experience

Starting and ending years	Work unit and department	Position and technical title
2014.08-2015.08	Fujian University of Traditional college of pharmacy	Assistant
2014.10-2015.15	General Office of the National Health Commission	Secondment
2015.09-2016.11	Rehabilitation Technology Engineering Research Center of Fujian University of Traditional Chinese Medicine	Assistant
2016.12-2018.07	Rehabilitation Technology Engineering Research Center of Fujian University of Traditional Chinese Medicine	Lecturer
2018.08-2023.11	Academy of Integrative Medicine of Fujian University of Traditional Chinese Medicine	Lecturer
2023.11-present	Academy of Integrative Medicine of Fujian University of Traditional Chinese Medicine	Associate Professor

Information

- **Work unit:** Fujian University of Traditional Chinese Medicine
- **Academic part-time employment:**
 - (1) Youth editorial of the Chinese Herbal Medicine (English version)
 - (2) Member of Working Committee of Scientific Research Institutes of Integrative Medicine
- **Main research directions:** Clinical basic research on anti-inflammatory and anti-tumor effects of integrative medicine

Led or participated in research projects in the past three years

Project Name (Number)	level	Host/Participate
The mechanism of Babao Dan regulating T1/p38MAPK/NF-κB signal pathway to reverse T cell dysfunction and inhibit colitis-associated colorectal cancer (82204925)	National Nature Science Foundation of China	Host
The mechanism of Babao Dan inhibiting the transformation of colitis to colorectal cancer by regulating SNTB1/MAPK/IL -1 β pathway (2020J01748)	Natural Science Foundation of Province	Host
Multiomics Study on the Mechanism of Kangquan Formula Mediating the Microecological Epithelial Metabolic Pathway to Suppress Epithelial Interstitial Transformation in Benign Prostate Hyperplasia (82074508)	National Nature Science Foundation of China	Participate
Research and Development of Grassroots Diagnosis and Treatment Technology for Hypertension Prevention and Treatment with Traditional Chinese Medicine (2021L3014)	National Nature Science Foundation of China	Participate
Preclinical Study on Qingda Granules, a Compound Chinese Medicine for Reducing Blood Pressure (2019YZ014004)	Natural Science Foundation of Province	Participate
Based on TLR4/NF- κ Study on the Regulation of B Pathway and Intestinal Microflora: The Mechanism of Qingjie Fuzheng Granule in Treating Colon Cancer Associated with Colitis (2022J01368)	Natural Science Foundation of Province	Participate
Study on the Mechanism of Qingjie Fuzheng Granules in Inhibiting the Metastasis of Colorectal Cancer Based on the Key Enzyme PKM2 in the Regulation of Glycolysis Pathway by PI3K/AKT/mTORC1 Pathway (2022J01889)	Natural Science Foundation of Province	Participate
Based on TLR4/NF- κ Study on the mechanism of Qingjie Fuzheng Granule in preventing and treating intestinal mucosa damage caused by chemotherapy in breast cancer through B pathway (2021J01907)	Natural Science Foundation of Province	Participate

Scientific research achievements and

Entry name	Level	Awards	Ranking of completion personnel
Babao Dan alleviate gut proinflammatory immune response and microbiota disorder while impacting the TLR4/NF-κB signaling pathway, to attenuate 5-FU induced intestinal injury	provincial and ministerial	Outstanding Paper at the 23rd Fujian Cancer Academic Conference, July 2023	1
A new adjuvant therapy for colon cancer: Qingjie Fuzheng Granules	provincial and ministerial level	In December 2022, the Most Potential Award of the Fourth China Medical Innovation and Entrepreneurship Competition	2
Clinical and Basic Research on the Treatment of Colorectal Cancer with Qingjie Fuzheng Method	Bureau level	In December 2021, the 5th Academician Chen Keji - Second Prize of the Pianzhuang Pharmaceutical Research Award Fund	6

Main papers and publications published in the past three years

Paper title/title of work	Journal/Publishing House	Publication or publication time	Author Ranking
Babao Dan alleviates gut immune and microbiota disorders while impacting the TLR4/MyD88/NF- κ B pathway to attenuate 5-Fluorouracil-induced intestinal injury	Biomedicine/Pharmaotherapy (JCR Q1, Impact Factor 7.5)	2023.10	1
ANRIL promotes the regulation of colorectal cancer on lymphatic endothelial cells via VEGF-C and is the key target for Pien Tze Huang to inhibit cancer metastasis	Cancer Gene Therapy (JCR Q1, Impact Factor 6.4)	2023.09	1
Chemotherapeutic Drugs Induce Different Gut Microbiota Disorder Pattern and NOD/RIP2/NF- κ B Signaling Pathway Activation That Lead to Different Degrees of Intestinal Injury	Microbiology Spectrum (JCR Q1, Impact Factor 9.043)	2022.12	1
Recent advances in nanozymes for combating bacterial infection.	Materials Chemistry Frontiers (JCR Q1, Impact Factor 8.683)	2022.09	7 (Corresponding author)
Qingjie Fuzheng Granule suppresses lymphangiogenesis in colorectal cancer via the VEGF-C/VEGFR-3 dependent PI3K/AKT pathway	Biomedicine&Pharmaotherapy (JCR Q1, Impact Factor 7.5)	2021.05	1
An NIR-II Responsive Nanoplatform for Cancer Photothermal and Oxidative Stress Therapy.	Frontiers in Bioengineering and Biotechnology (JCR Q1, Impact Factor 6.06)	2021.10	1
Innovative Thinking on the Teaching of Medical Molecular Biology (National Press and Publication is a searchable journal)	China Science and Technology Economic News Database Education	2022.04	1
GPC2 deficiency inhibits cell growth and metastasis in colon adenocarcinoma	Open Medicine (JCR Q3, Impact Factor 2.123)	2022.02	1
Identification of mini-chromosome maintenance 8 as a potential prognostic marker and its effects on proliferation and apoptosis in gastric cancer	Journal of Cellular and Molecular Medicin (JCR Q2, Impact Factor 5.31)	2020.12	1
Babao Dan, a Traditional Chinese Medicine Formula, Arrests the G1/S Phase Transition in Gastric Cancer Cells by Activating p53 Pathway	International Journal of Gerontology (JCR Q4, Impact Factor 0.877)	2020.03	1
Basic Research on the Treatment of Colorectal Cancer with the Method of Clearing Heat and Detoxifying	On books Chinese, Science Press	2021.04	Co-authored