

Lin, Xu MD PhD

Tel: +86 17816056959 E-mail: linxu_001@zju.edu.cn
Zhejiang University, Hangzhou, 31004, China

EDUCATION AND WORKING EXPERIENCE

- 06/2023-present Surgeon, Department of Thoracic Surgery, The First Affiliated Hospital of Zhejiang University School of Medicine, Hangzhou, China.
- 09/2024-06/2025 Research Fellow, Yale University & Oswaldo Cruz Foundation, USA & Brazil
- 06/2018-06/2023 Doctor Degree (MD, PhD joint program), Cardiothoracic Surgery, School of Medicine, Zhejiang University, Hangzhou, China
- 06/2018-06/2019 Research Assistant, Department of Public Health, Xi'an-Jiaotong Liverpool University (East Asian Campus of Liverpool University), Suzhou, China
- 08/2013-06/2018 Bachelor Degree (M.B.B.S.), Clinical Medicine, Soochow University, Suzhou, China

OVERSEAS TRAINING PROGRAMS (Full Sponsorship)

- 1) Lindau Scholar of the 70th Lindau Nobel Laureate Meeting, Germany, June 2023
- 2) Observership of Major Germany Universities, Sino-Germany Center for Science, Germany, June 2023
- 3) Research Scholar, University of Pittsburgh, Pittsburgh, United States, July-September, 2019
- 4) Clinical Scholar, Department of Gastrointestinal Oncology, Beijing Cancer Hospital, October 2017
- 5) Research Scholar, Department of Orthopedics, CHU Gabriel Montpied, University of Clermont-Ferrand, Clermont-Ferrand, France, February - March 2017.
- 6) Research Scholar, Department of Life Science, National Tsinghua University, Hsinchu, Taiwan, July - August, 2016

REFEREED RESEARCH PROJECTS

- 1) **Xu Lin**, Young Scientists Fund of the National Natural Science Foundation of China, 300.000 RMB, 01/2025-12/2027.
- 2) **Xu Lin**, Special Support of China Postdoctoral Science Foundation, 180.000 RMB, 01/2025-12/2027.
- 3) **Xu Lin**, China Postdoctoral Science Foundation, 80.000 RMB, 01/2025-12/2027.
- 4) **Xu Lin**, Young Scientists Fund of the Natural Science Foundation of Zhejiang Province, 100.000 RMB, 01/2024-12/2026.
- 5) **Xu Lin**, Youth Cultivation Project of The First Affiliated Hospital of Zhejiang University School of Medicine Index A, project 18, China. 100.000 RMB, 01/2024-12/2025.
- 6) **Xu Lin**, Outstanding youth international exchange program, project 2020-69, Chinese Association for Science and Technology, China. 50,000 RMB, 10/2020-10/2023.
- 7) **Xu Lin**, Zhejiang University Academic Star Program for Outstanding Doctoral Candidates, project 202058, Zhejiang University, China. 20,000 RMB, 11/2020-11/2022.
- 8) M.B.N. Kouwenhoven, **Xu Lin**, Jiangchuan He & Don Eliseo-Lucero Prisno III, Mohammed bin Rashid Space Settlement Challenge, project MBR007, Dubai, United Arab Emirates. AED 58,250, 02/2018-02/2019.
- 9) M.B.N. Kouwenhoven, **Xu Lin**, Jining Li & Don Eliseo-Lucero Prisno III, Suzhou Soft Science Project, 30,000 RMB, 02/2018-02/2019.
- 10) **Xu Lin**, Xinliang Mao. Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Endowment (CURE), China. 3500 RMB. 05/2015-06/2015

EDITORIAL AND INVITED PEER REVIEWER

Youth Editorial Board, Public Health Challenge, Wiley

Guest Editor, Frontiers in Public Health, Frontier

Peer Reviewer Invited by American Journal of Tropical Medicine and Hygiene, Global Health Research and Policy, Archives of Public Health, Health Science Reports, Scientific Reports, Frontiers in Oncology.

REFEREED PUBLICATIONS (H-index 21)

1. **Lin X#**, Zhang Q, Li Q, Deng J, Shen S, Tang M, Ye X, Ji C, Yang Y, Chen Y, Zeng L, Zhao J, Kouwenhoven MBN, Lucero-Prisno DE 3rd, Huang J, Li Y, Zhang B, Hu J. Upregulation of CoQ shifts ferroptosis dependence from GPX4 to FSP1 in acquired radioresistance. Drug Resistant Updates. 2024;73:101032. **(IF=24.3)**
2. Zhang B#, Lu J#, **Lin X#**, Wang J#, Li Q, Jin T, Shi Q, Lu Y, Zhang J, Deng J, Zhang Y, Guo Y, Gao J, Chen H, Yan Y, Wu J, Gao J, Che J, Dong X, Gu Z, Lin N. Injectable and Sprayable Fluorescent Nanoprobe for Rapid Real-Time Detection of Human Colorectal Tumors. Advanced Materials. 2024 Sep;36(36): e2405275. **(IF=27.4)**
3. Wang X#, Ren X#, **Lin X#**, Li Q, Zhang Y, Deng J, Chen B, Ru G, Luo Y, Lin N. Recent progress of ferroptosis in cancers and drug discovery. Asian Journal of Pharmaceutical Sciences. 2024 Aug;19(4):100939. **(IF=10.7)**
4. Deng J#, **Lin X#**, Qin J#, Li Q, Zhang Y, Zhang Q, Ji C, Shen S, Li Y, Zhang B, Lin N. SPTBN2 suppresses ferroptosis in NSCLC cells by facilitating SLC7A11 membrane trafficking and localization. Redox Biology. 2024;70:103039. doi: 10.1016/j.redox.2024.103039. **(IF=11.4)**

5. Tang R#, Liang H#, Guo Y#, Li Z#, Liu Z#, **Lin X#**, Yan Z, Liu J, Xu X,...,Wu S, Zhang Z, Huang H, Pang D, Liu Q, Li J, Ding X, Liu X, Zhong L, Lu Y, Xu F, Dai Q, He J. Pan-mediastinal neoplasm diagnosis via nationwide federated learning: a multicentre study. *Lancet Digital Health*, 2023, 5(9): E560-E570. **(IF=30.8)**
6. **Lin X**, Wu J, Liu Y, Lin N, Hu J, Zhang B. Stimuli-Responsive Drug Delivery Systems for the Diagnosis and Therapy of Lung Cancer. *Molecules*. 2022 Jan 30;27(3):948.
7. **Lin X**; Liu Y; Zhang H; Wu L; Li Q; Deng J; Zhang Q; Yang Y; Zhang C; Li Y; Hu J; DSCC1 interacts with HSP90AB1 and promotes the progression of lung adenocarcinoma via regulating ER stress, *Cancer Cell International*, 2023, 23(1): 208.
8. Huang J, Chan SC, Fung YC, Mak FY, **Lin X**, Zheng Z-J et al. Incidence, Risk Factors, and Temporal Trends of Small Intestinal Cancer: A Global Analysis of Cancer Registries. *Gastroenterology* 2023, 165(3): 600-612.
9. Huang J, Chan SC, Pang WS, Chow SH, **Lin X**, Wong MCS et al. Global Incidence, Risk Factors, and Temporal Trends of Mesothelioma: A Population-Based Study. *Journal of Thoracic Oncology* 2023, 18(6): 792-802.
10. Huang J, Chan SC, Lok V, Zhang L, **Lin X**, Wong MCS et al. Disease burden, risk factors, and trends of primary central nervous system (CNS) cancer: A global study of registries data. *Neuro-Oncology* 2023, 25(5): 995-1005.
11. **Lin X**, Wu J, Liu Y, et al. Stimuli-Responsive Drug Delivery Systems for the Diagnosis and Therapy of Lung Cancer. *Molecules*, 2022, 27(3): 948.
12. Dzushupov K#, Lucero-Prisno DE III#, Vishnyakov D#, **Lin X#**, Ahmadi A#. COVID-19 in Kyrgyzstan: Navigating a way out. *Journal of Global Health*. 2021 Jan 30;11:03020.

REFERRED INVITED SEMINAR SPEAKING (10 In Total, International)

- 1) Health Economy and Health Technology Assessment, Zhejiang University, China, 8th April, 2021
- 2) Introduction of Global Health, Zhejiang University, Hangzhou, China, 25th August, 2019
- 3) Human Resources for Health, Xi'an Jiaotong-Liverpool University, Suzhou, China, 22nd May, 2018.
- 4) Chinese Attitude Towards Non-Communicable Diseases, Global Health Course China, Global Health Focus, Suzhou, China, 15th -16th April, 2017
- 5) Challenges of Non-Communicable Diseases in Cambodia, Global Health Course Cambodia, Global Health Focus, Phnom Penh, Cambodia, 10th -11th June, 2017.
- 6) Introductions about Non-Communicable Diseases, Xi'an Jiaotong-Liverpool University, Suzhou, China, 30th November, 2017.
- 7) Annual Symposium, Hui-Chun Chin and Tsung-Dao Lee Chinese Undergraduate Research Endowment (CURE), Suzhou, China, 15th-16th November, 2016

REFERRED CONFERENCE PRESENTATIONS (20 In Total, International)

- 1) **Xu Lin**, M.B.N. Kouwenhoven, Nengming Lin, Jian Hu, Don Eliseo III Lucero-Prisno. Burden and Cost of Treating Lung Cancer in China, Forecasting and Nowcasting. European Society of Thoracic Surgeons Virtual Congress, Online, 2nd October, 2020.
- 2) **Xu Lin**, Jian Hu. Chinese Burden on Lung Cancer, Economic and Prevalence. Annual Conference of Chinese Society for Thoracic and Cardiovascular Surgery, Wuhan, China, 19th December, 2019.
- 3) **Xu Lin**, Qi Zheng, Dongdong Wei, Jian Hu. What's the future? Robotic Assistant Thoracotomy or Video Assistant Thoracotomy? An Evaluation from New Aspects. 10th Worldwide Congress of Clinical Robotic Surgery Association. Hong Kong, China, 4th-6th October, 2018.
- 4) **Xu Lin**, Buntongyi Nit , Jiangchuan He, Don Eliseo Lucero-Prisno III. Challenges of NSAIDs in China. Geneva Health Forum 2018, Geneva, Switzerland, 10th-12th April, 2018.
- 5) **Xu Lin**, Buntongyi Nit , Don Eliseo Lucero-Prisno III. Revisiting the Knowledge on HIV/AIDS among Chinese medical and non-medical students. The 5th AHLA(The Asian Health Literacy Association) Conference, Kuala Lumpur, Malaysia, 12th-14th November, 2017.

HONORS AND QUALIFICATIONS

Chun-Tsung Endowment Outstanding Contribution Award - Excellent Scholar (2023), Excellent PhD Graduate (2023), Zhimei Award for Charity (2023), Ten Outstanding Students of Zhejiang University School of Medicine (2020), Zhejiang University Academic Award for Outstanding Doctoral Candidates (2020), Lindau Scholar by Sino-German Center(2020), Outstanding graduate student leader (2020, 2019), Tang-Lixin Scholarship (2019), Excellent Graduate of MBBS (2018), China National Scholarship (2017), Merit Student (2017, 2016, 2015), The First Prize Scholarship (2017, 2016, 2015, 2014), Scholarship of Community Contribution (2017, 2014), Chun-Tsung Scholar (2016), Sun-Fulin Scholarship (2016), Outstanding Communist Youth League Member (2016, 2014), Scholarship of Research (2016), Eisai Corporation (China) Medical Scholarship (2015,2014), Outstanding Communist Youth League Manager (2015), The Advanced Individual of Volunteer Service (2015), The Advanced Individual in Social Practice (2014)

MAJOR VOLUNTEER EXPERIENCES

1. Routine volunteer for the World Surgical Foundation in giving free surgical services to vulnerable groups Catbalogan (2019), Tacloban (2019), Kalibo (2018), Batangas City (2018), Balayan (2018) in Philippines.
2. Volunteer Teaching for poverty students, Lianshan Primary School, Guizhou, China. July – August, 2014