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教學科目： 《中醫內科學》，《傷寒論》

研究方向： 中西医结合抗肿瘤创新药物研发及临床研究

李潤澤，博士，現為澳門科技大學助理教授。2018 年于澳門科技大學獲中西醫結合博士學位，在北京中醫藥大學獲得學士和碩士學位。2011-2014 年，他在北京中日友好醫院中西醫結合腫瘤內科接受臨床教育，通過了見習及內科輪轉並獲得了中國註冊醫生資格。學習期間參加了兩項 RCT 臨床研究，並參與多項抗腫瘤基礎研究，有著較為豐富的臨床試驗研究經驗及熟練掌握設計及操作生物學實驗的能力。近 5 年在 SCI 上發表了 19 篇關於癌症研究機制和新治療方法的論文。自 2017 年起，作為研究員參與強生公司 Janssen 專案“中國非小細胞肺癌患者對免疫治療 Pembrolizumab 應答的免疫表型、分子分析和功能表征”。

學歷：

2014/09-2018/07，澳門科技大學，中西醫結合博士；導師：劉良。

2012/06-2014/07，北京中醫藥大學，中西醫結合 7 年制（北京中日友好醫院-中西醫結合腫瘤內科）碩士；導師：萬冬桂。

2007/09-2012/06，北京中醫藥大學，中西醫結合 7 年制，本科。

工作經歷:

2019/01-2020/12, 澳門科技大學, 博士後, 導師: 梁麗嫻

社会职务:

1. 澳門臨床腫瘤學會成員, 2016 - 至今
2. 中國抗癌協會成員, 2020 - 至今
3. 中國免疫學會世界聯合會中藥保健品專業委員會成員, 2015 - 至今
4. 中國免疫學學會世界聯合會中華中醫藥與免疫學學會成員, 2018 - 至今

发表文章:

1. Huan-Ling Lai[#], Xing-Xing Fan[#], **Run-Ze Li[#]**, Yu-Wei Wang, Jun-Min Zhang, Liang Liu, Erwin Neher, Xiao-Jun Yao* & Elaine Lai-Han Leung*. Role of ion fluxes, metabolism and redox balance in cancer therapy. *Antioxidants and Redox Signaling* (# co-first author). 29 Oct 2020, <https://doi.org/10.1089/ars.2020.8125> (2019 IF: 7.04)
2. Ying Xie[#], Wei-Yu Meng[#], **Run-Ze Li[#]**, Yu-Wei Wang, Xing-Xing Fan, Hu-Dan Pan, Qi-Biao Wu, Pui-Yu Yan, Liang Liu, Yi-Jun Tang, Xiao-Jun Yao*, Mei-Fang Wang* & Elaine Lai-Han Leung*. Early lung cancer diagnostic biomarker discovery by machine learning methods. *Translational Oncology* (# co-first author). 10.1016/j.tranon.2020.100907. (2019 IF: 3.558)
3. Elaine Lai-Han Leung[#], Huan-Ling Lai[#], **Run-Ze Li**, Hu-Dan Pan, Ze-Bo Jiang, Ying Li, Fu-Gang Duan, Jia-Hui Xu, Yi-Zhong Zhang, A-Xi Shi, Chun-Li Wei, Fang-Yuan Zhang, Xiao-Jun Yao and Liang Liu*. SAA1 protein isoforms induce Rheumatoid Arthritis. *Engineering*. 10.1016/j.eng.2020.08.018. (2019 IF: 6.495)
4. **Run-Ze Li[#]**, Xing-Xing Fan[#], Fu-Gang Duan, Ze-Bo Jiang, Hu-Dan Pan, Lian-Xiang Luo, Yan-Ling Zhou, Ying Li, Ying-Jia Yao, Xiao-Jun Yao, Elaine

Lai-Han Leung* & Liang Liu*. Proscillaridin A induces apoptosis and suppresses tumor growth in non-small cell lung cancer via calcium-induced DR4 upregulation (# co-first author). Cell Death Dis. 2018 Jun 13;9(6):696. doi: 10.1038/s41419-018-0733-4. (2018 IF 5.959)

5. **Run-Ze Li**, Xing-Xing Fan, Dan-Feng Shi, Lian-Xiang Luo, Hu-Dan Pan, Xiao-Jun Yao*, Elaine Lai-Han Leung* & Liang Liu*. Identification of a new Pyruvate kinase M2 isoform (PKM2) activator for treatment of non-small cell lung cancer (NSCLC). . Chem Biol Drug Des. 2018 Jun 21. doi: 10.1111/cbdd.13354. (2018 IF: 2.256)

6. Mei-Fang Wang[#] , **Run-Ze Li**[#] , Ying Li, Xue-Qin Cheng, Jun Yang, Wen Chen, Xing-Xing Fan, Hu-Dan Pan, Xiao-Jun Yao, Tao Ren, Xin Qian, Liang Liu*, Leung Lai-Han Leung* & Yi-Jun Tang*. Journal of Thoracic Disease. Clinical statistics analysis on the characteristics of pneumoconiosis of Chinese miner population 2016 Aug;8(8):2203-11. doi: 10.21037/jtd.2016.07.53. (2016 IF: 2.365)

7. Xi Dai, **Run-Ze Li**, Ze-Bo Jiang, Chun-Li Wei, Lian Xiang Luo, Xiao Jun Yao, Guoping Li, Elaine Leung. Honokiol inhibits proliferation, invasion and induces apoptosis through targeting Lyn kinase in human lung adenocarcinoma cells. Front Pharmacol. 2018 May 28;9:558. doi: 10.3389/fphar.2018.00558. eCollection 2018. (2018 IF: 3.845)

8. Hui You, Yi-Zhong Zhang, Huan-Ling Lai, Dan Li, Yu-Quan Liu, **Run-Ze Li**, Imran Khan, Wendy Wen-Lun Hsiao, Fu-Gang Duan, Xing-Xing Fan, Xiao-Jun Yao, Ya-Bing Cao, Qi-Biao Wu, Elaine Lai-Han Leung & Mei-Fang Wang. Prognostic significance of tumor poliovirus receptor and CTLA4 expression in patients with surgically resected non-small-cell lung cancer. J Cancer Res Clin Oncol 146, 1441–1450 (2020). <https://doi.org/10.1007/s00432-020-03189-8> (2019 IF: 3.332)

9. Fu-Gang Duan, Mei-Fang Wang, Ya-Bing Cao, Dan Li, **Run-Ze Li**, Xing-Xing Fan...Liang Liu, Yi-Jun Tang and Elaine Lai-Han Leung. MicroRNA-421 confers paclitaxel resistance by binding to the KEAP1 3'UTR and predicts poor survival in non-small cell lung cancer. *Cell Death Dis* 10, 821 (2019). doi:10.1038/s41419-019-2031-1 (2019) (2019 IF: 6.304)
10. Yu-Wei Wang, Chun-Ping Tang, Sheng Yao, Huan-Ling Lai, **Run-Ze Li**, Jia-Hui Xu, Qian-Qian Wang, Xing-Xing Fan, Qi-Biao Wu, Elaine Lai-Han Leung, Yang Ye, Xiao-Jun Yao. Discovery of a novel protein kinase C activator from *Croton tiglium* for inhibition of non-small cell lung cancer. *Phytomedicine* Volume 65, December 2019, 153100. 10.1016/j.phymed.2019.153100. (2019 IF: 4.268)
11. Jia-Xin Li, Ju-Min Huang, Ze-Bo Jiang, **Run-Ze Li**, Ao Sun, Elaine Lai-Han Leung, and Pei-Yu Yan. Current clinical progress of PD-1/PD-L1 immunotherapy and potential combination treatment in non-small cell lung cancer. *Integrative Cancer Therapies* 2019. 10.1177/1534735419890020 (2019 IF: 2.381)
12. Hu-Dan Pan, Rui-Jin Guo, Yanmei Ju...**Run-Ze Li**, Huijue Jia and Liang Liu. A single bacterium restores the microbiome dysbiosis to protect bones from destruction in a rat model of rheumatoid arthritis. *Microbiome* 7, 107 (2019) doi:10.1186/s40168-019-0719-1 (2019 IF: 11.607)
13. Hu-Dan Pan, Rui-Jin Guo, Jie Zhu...**Run-Ze Li**, Zhong-Wen Yuan, Huan-Ming Yang, Jian Wang, Karsten Kristiansen, Hui-Jue Jia and Liang Liu. A gene catalogue of the Sprague-Dawley rat gut metagenome. *Gigascience*. 2018 May 1;7(5). doi: 10.1093/gigascience/giy055. (2018 IF: 4.688)
14. Hu-Dan Pan, **Run-Ze Li**, Ting Li, Jun Wang, Liang Liu*. Whether Probiotic Supplementation Benefits Rheumatoid Arthritis Patients: A Systematic Review and Meta-Analysis. *Engineering* 3, 115-121, doi:10.1016/j.eng.2017.01.006 (2017 IF: 2.667).

15. Liang Liu, Ying Li, Elaine Leung, Hudan Pan, Xiao Jun Yao, Qing-Chun Huang, Min Wu, Ting Xu, Yuwei Wang, Jun Cai, **Runze Li**, Wei Liu. Identification of Potential Genetic Causal Variants for Rheumatoid Arthritis by Whole-Exome Sequencing. *Oncotarget*. 2017 Nov 22;8(67):111119-111129. doi: 10.18632 (2017 IF: 4.794)
16. Lian-Xiang Luo, Ying Li, Zhong-Qiu Liu, Xing-Xing Fan, Fu-Gang Duan, **Run-Ze Li**, Xiao-Jun Yao*, Elaine Lai-Han Leung* and Liang Liu*. Honkiol induces apoptosis, G1 arrest and autophagy in KRAS mutant lung cancer cells. *Frontiers in pharmacology*. 2017 Apr 11;8:199. doi: 10.3389/fphar.2017.00199. eCollection 2017. (2017 IF: 3.831)
17. Jun Huang[#] , Xing-Xing Fan[#] , Jia-Xi He, Hui Pan, **Run-Ze Li**, Li-Yan Huang, Ze-Bo Jiang, Xiao-Jun Yao, Liang Liu, Elaine Lai-Han Leung* & Jian-Xing He*. SCD1 is associated with tumor promotion, late stage and poor survival in lung adenocarcinoma. *Oncotarget*. 2016. May 19. doi: 10.18632/oncotarget.9461. (2016 IF: 5.168)
18. Ju-Min Huang...**Run-Ze Li**...Elaine Lai-Han Leung. Ginseng polysaccharides alter the gut microbiota and kynurenine/tryptophan ratio, potentiating the anti-tumor effect of PD-1/PD-L1 immunotherapy. *Gut*. (2019 IF: 19.819) (Under review)
19. Hui-Hui Chen[#], Wei-Yu Meng[#], **Run-Ze Li**[#], Qing-Yi Wang, Yu-Wei Wang, Hu-Dan Pan, Pei-Yu Yan, Qi-Biao Wu, Liang Liu, Xiao-Jun Yao*, Min Kang* & Elaine Lai-Han Leung*. Potential prognostic factors in progression-free survival for patients with cervical cancer. *BMC Cancer* (2019 IF: 3.19) (Under review)

专利:

1. Bufadienolide for treatment of non-small cell lung cancer. LIU, Liang; LEUNG, Lai-Han Elaine; YAO, Xiao-Jun; **LI, Run-Ze** and FAN, Xing-Xing. (Australia patent

awarded for 8 years-2017100644)

2. Methods for treating lung cancer. LIU, Liang; LEUNG, Lai-Han Elaine; YAO, Xiao-Jun and **LI, Run-Ze**. (Australia patent awarded for 8 years-2017100105)

3. An oral liquid probiotics formulation and method of preventing and/or treating arthritis. LIU, Liang; PAN, Hudan; ZHENG, Yanfang and **LI, Runze** (Australia patent awarded for 8 years-2017100632)

4. An invention relates to a PD-1 inhibitor and its preparation method and application. Pei-Yu Yan, Elaine Lai-Han Leung, Jia-Xin Li, **Run-Ze Li**, Liang Liu (China Patent, 2021100364012)