

## MINFENG YANG

Research assistant professor



### EDUCATION BACKGROUND

Doctor of Philosophy (Ph.D.) in Radiography Science, The Hong Kong Polytechnic University, Hong Kong SAR, China	1/2020-2/2023
M.Sc. in Biomedical Engineering The Hong Kong Polytechnic University, Hong Kong SAR, China	1/2014-3/2015
Bachelor of Medicine in Medical Laboratory Science Nantong University	9/2008-6/2013

### PROFESSIONAL EXPERIENCES

<b>Research Assistant Professor</b> Department of Health Technology and Informatics The Hong Kong Polytechnic University	10/2023-present
<b>Post-doctoral Fellow</b> Department of Health Technology and Informatics The Hong Kong Polytechnic University	3/2023-9/2023
<b>Lecturer in Medical Laboratory Science</b> Suzhou Vocational Health College	8/2016-12/2019
<b>Research Assistant</b> Institute of Tropical Medicine The Third Military Medical University	3/2015-6/2015

## **RESEARCH INTERESTS**

- ✓ Fluorescence molecular imaging in tumors and angiogenesis.
- ✓ Label-free metabolic Imaging
- ✓ Intravital imaging
- ✓ Imaging windows and fluorescence probes
- ✓ Innate immunotherapy and targeted therapy.

## **RELEVANT AWARDS**

- Jun 2023      **The SNMMI 2023 International Best Abstract Award for Hong Kong** from The 2023 Society of Nuclear Medicine & Molecular Imaging (SNMMI) Annual Meeting, Minfeng Yang (June 24-27, 2023, McCormick Place, Chicago, Illinois, USA): In vivo immunoscore technique to predict anti-CD47 immunotherapy efficacy in triple-negative breast cancer via single-cell pharmacokinetic imaging.
- Mar 2023      **Faculty Distinguished Thesis Award** from Faculty of Health and Social Sciences, The Hong Kong Polytechnic University, Minfeng Yang (Faculty Congregation, Label-free metabolic imaging for sensitive and robust monitoring of anti-CD47 immunotherapy response in triple-negative breast cancer)
- Oct. 2021      **Women in Molecular Imaging Network Scholar Award** from the Women in Molecular Imaging Network (WIMIN), World Molecular Imaging Congress Virtual 2021 (WMIC Virtual 2021). Minfeng Yang, October 6, 2021: Label-free metabolic imaging for sensitive and robust monitoring of anti-CD47 immunotherapy response in triple-negative breast cancer)
- Aug 2022      **3<sup>rd</sup> Prize** from Department of Health Technology and Informatics of the Hong Kong Polytechnic University, Postgraduate Symposium 2022
- Dec 2019      **3<sup>rd</sup> Prize** from 4<sup>th</sup> National Vocational College Medical Laboratory Skills Competition (Hepatitis B test for HBS Ab & RPR test for syphilis)  
第四届全国职业院校“华教杯”教师检验技能竞赛<免疫检验>三等奖

**PEER-REVIEWED JOURNAL PAPERS****ORCID: 0000-0001-8277-8139**

1. **Yang M**, Oh IY, Mahanty A, Jin WL, Yoo JS. Immunotherapy for glioblastoma: Current state, challenges, and future perspectives. *Cancers*.2020;12:1–23. **(IF=6.575; Rank=172/369 (Q1) in Oncology)**.
2. **Yang M**, Mahanty A, Jin C, Yoo JS, et al. Label-free metabolic imaging for sensitive and robust monitoring of anti-CD47 immunotherapy response in triple-negative breast cancer. *Journal for ImmunoTherapy of Cancer* 2022;0:e005199. **(IF=12.469; Rank=25/245 (Q1) in Oncology)**
3. Jin C, **Yang M (Co-first author)**, Han X, Chu H, Zhang Y, Lu M, et al. Evaluation of the value of preoperative CYFRA21-1 in the diagnosis and prognosis of epithelial ovarian cancer in conjunction with CA125. *Journal of Ovarian Research*; 2019;12:1–8. **(IF=5.506; Rank=24/166 (Q1) in Obstetrics and Gynecology)**.
4. Bao Y, **Yang M (Co-first author)**, Jin C, Hou S, Shi B, Shi J, et al. Preoperative Hematologic Inflammatory Markers as Prognostic Factors in Patients with Glioma. *World Neurosurgery*. 2018;119:e710–6. **(IF=2.21; Rank=121/211 (Q2) in Surgery)**
5. Bao X, Chi J, Zhu Y, **Yang M**, Du J, Tang Z, et al. High FAAP24 expression reveals poor prognosis and an immunosuppressive microenvironment shaping in AML. *Cancer Cell International*. 2023; 23:1–14. **(IF=6.435; Rank=84/360 (Q1) in Oncology)**.
6. Hou S, Jin C, **Yang M**, Chu H, Shi B, Xie R, et al. Prognostic Value of Hematologic Prealbumin/Fibrinogen Ratio in Patients with Glioma. *World Neurosurgery*.2022;160:e442–53. **(IF=2.21; Rank=121/211 (Q2) in Surgery)**

**PEER-REVIEWED CONFERENCE PRESENTATIONS**

- ✓ **Minfeng Yang**, Jung Sun Yoo\*: Label-free Metabolic Imaging for Sensitive and Robust Monitoring of Anti-CD47 Immunotherapy Response in Triple Negative Breast Cancer, World Molecular Imaging Congress Virtual 2021 (WMIC Virtual 2021), World Molecular Imaging Society, October 5-8, 2021.
- ✓ **Minfeng Yang**, Jung Sun Yoo\*: Label-free Multiphoton Microscopy of Single Cell Metabolism to Monitor Therapeutic Outcome of CD47 Immune Checkpoint Blockade in Breast Cancer, Focus on Microscopy 2022 (FoM 2022), Organizing Committee FOM2022, April 10–13, 2022 (Oral, April 12, 2022)
- ✓ **Minfeng Yang**, Jung Sun Yoo\*: In vivo immunoscoreing technique to predict anti-CD47 immunotherapy efficacy in triple-negative breast cancer via single-cell pharmacokinetic imaging, The 2023 Society of Nuclear Medicine & Molecular Imaging Annual Meeting (The 2023 SNMMI Annual Meeting, McCormick Place, Chicago, Illinois, USA), Society for Nuclear Medicine & Molecular Imaging, June 24-27, 2023.

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Qualification Certificate of Clinical Laboratory Technician <临床医学检验技术(师)> issued by National Health and Family Planning Commission, The People's Republic of China.