

JIAYI LIU, M.Med, MBBS

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EDUCATION *MBBS – MD Equivalent*, GPA 3.7 Aug 2011 - Jun 2016
Soochow University, China

M.Med Sep 2016 - May 2019
Shanghai Jiaotong University, China

SKILLS *Lab Skills:* Cell culture, IHC, PCR, ELISA, Southern blot, DNA extraction, RNA extraction, protein extraction; mice and rats handling, anaesthesia, sampling, necropsy and quality control

Languages: R, python, shell, html, L^AT_EX, markdown

Analytical Skills: 16s microbiota, bioinformatics, transcriptomics.

Current Learning: perl, python, statistics, cell biology.

RESEARCH INTERESTS Bioinformatics, cancer biology, clinical research, genomics.

EXPERIENCE *Undergraduate Researcher* Jun 2013 - Jun 2014
School for Radiological&Interdisciplinary sciences, Soochow University

Intern Physician Jun 2015 - Jun 2016
First Affiliated Hospital of Soochow University

Intern Physician Jan 2016 - Feb 2016
Ippokrateio General Hospital of Athens

Intern Pediatrician Mar 2015 - May 2016
Children's Hospital Affiliated to Soochow University

Visiting Researcher Jun 2018 - May 2019
Medical Oncology, City of Hope

PUBLICATIONS Liu, J., Li, Y., Feng, Y., Pan, L., Xie, Z., Yan, Z., ... & Hong, L. (2019). Patterned progression of gut microbiota associated with necrotizing enterocolitis and late onset sepsis in preterm infants: a prospective study in a Chinese neonatal intensive care unit. *Peer J.* 7, e7310.
Liu, J., Hong, L. "Sampling and Storage Methods of Fecal Samples in Human Intestinal Microbiome Study." *International Journal of Pediatrics.* 2019 10.3760/cma.j.issn.1673-4408.2019.07.006
Praveen S. Goday., Nilesh M. Mehta, Qian, S., Wang, Q., Gao, H., Hong, L., Wang, L., Liu, J., Fang, B., Feng, Y., Wang, X., Ji, J., Li, Y., Li, K., Shen, L., Zhang, P., Wu, J., Qin, M., Xie, L. and Pan, L. (2017). "Pediatric Critical Care Nutrition (Chinese Translation Version)". 1st ed. Beijing: China Science Publishing Media, Ltd. Print. ISBN: 9787030538642.

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| CONFERENCE PRESENTATIONS | <i>Altered gut microbiota in preterm newborns with necrotizing enterocolitis</i> 11th Chinese Society of Parenteral and Enteral Nutrition Congress | 2017 |
| | <i>Patterned gut microbiota in late-onset sepsis preterm infants</i> Young Investigators' Meeting of China | 2017 |
| | <i>Intestinal microbiota contributes to necrotizing enterocolitis and late-onset sepsis in preterm newborns</i> 13th Congress of the Asian Society for Pediatric Research | 2018 |
| CERTIFICATES | <i>internet-based TOEFL: 107</i> | 2019 |
| | <i>National Medical Licensing for Practicing Doctors in China</i> | 2017 |
| | <i>Coursera: Writing in the Science</i> | 2018 |
| | <i>Coursera: The Data Scientist's Toolbox</i> | 2018 |
| | <i>Coursera: Writing in the Science</i> | 2018 |
| | <i>Datacamp: Introduction to R</i> | 2018 |
| | <i>UCSC Genome Browser Training</i> | 2019 |
| EXTRA-CURRICULAR ACTIVITIES | <i>Volunteer Clinical Advisor</i> Shanghai No.6 People's Hospital Volunteer Program | Jun 2012 - Aug 2014 |
| | <i>Translator</i> TED Translator Program | Oct 2014 - current |
| | <i>Soochow University Representatives Team Leader</i> 2nd Prize, Inter-Medical School Physiology Quiz | Mar 2015 |
| AWARDS | Soochow University | |
| | First Class Spiritual Scholarship | 2011 - 2012 |
| | First Class Academic Scholarship | 2013 - 2014 |
| | Second Class Overseas Exchanging Scholarship | 2014 - 2015 |
| | First Class Overseas Exchanging Scholarship | 2015 - 2016 |
| | Shanghai Jiaotong University | |
| | First Class Academic Scholarship | 2016 - 2017 |
| | First Class Academic Scholarship | 2017 - 2018 |
| | Social Awards | |
| | Second Prize Inter-Medical School Physiology Quiz | May 2015 |
| Second Prize at Yong Investigators Meeting | Oct 2017 | |
| MISCELLANEOUS | github repo: github.com/jiayiliujiayi | |
| | TED translator: www.ted.com/profiles/3479847/translator | |
| | Personal website: jiayiliu.me | |