Resume of Supervisor of Fujian Medical University
福建医科大学来华留学研究生指导教师简历

沈晓沛 Xiaopei Shen

Institute（学院）:	School of Medical Technology and Engineering	**Deparment**（科室）:	Department of Intelligent Medical Engineering
Professional Title（专业职称）:	/	**Teaching Title**（教学职称）:	Professor
Contact（联系方式）:	/	**E-mail**（电子邮箱）:	xshen@fjmu.edu.cn

Work Experience（工作经历）

Period（起止时间）	Institution/University, City, Country（国家/大学/机构/职称）
05, 2020 untill now	Professor, Fujian Medical University, Fuzhou, China
01, 2019—05, 2020	Professor, Nanjing University of Chinese Medicine, Nanjing, China
12, 2013—12, 2018	Postdoctoral Research Fellow, The Johns Hopkins University School of Medicine, Baltimore, U.S.A

Education（教育背景）
When&where to obtain the highest degree（何时何校获最高学位及学历）

Period（起止时间）	University, City, Country（国家/大学/最高学位）
09, 2007—06, 2013	Ph.D in Biomedical Engineering, University of electronic Science and Technology of China, Chengdu, China
09, 2002—06, 2006	Bachelor Degree in Computer Scicence, Central South University, Changsha, China

Overseas Experience出国经历
including study, research and foreign aid（含留学、援外、研修）

Period（起止时间）	Institution/University, City, Country（国家/大学/机构/职称）
12, 2013—12, 2018	Postdoctoral Research Fellow, The Johns Hopkins University School of Medicine, Baltimore, U.S.A

Major & Research Direction（招生专业及研究方向）

Displine Level I（一级学科）	Displine Level II&III（专业名称：二科+三级学科）	Research Direction（研究方向及专长）	Level（层次）	Type（学位类型）
Basic medicine	Pathology and Pathophysiology	Cancer Biomedical Informatics,ICU Informatics	☑P.H.D/M.D ☐Master	☑Academic ☐Professional
Biology	Bioinformatics	Cancer Biomedical Informatics,ICU Informatics	☐P.H.D/M.D ☑Master	☑Academic ☐Professional

Personal Profile（基本情况简介）
(around 150 words, including basic introduction, research direction, teaching experience as supervisor for international students)

As a scientist with a background in both informatics and medicine, I have a strong interest in translational medicine of transforming molecular biological knowledge into personalized precision management of patients. My lab's first research goal is to make full use of the available omic data, such as single-cell RNA sequencing data, to assist the precise treatment of human cancer. At the same time, we are now exploring AI-based warning and decision-making frameworks for handling severe acute ICU diseases. We try to help the doctor make the diagnosis and treatment more efficiently and accurately with computer programming and artificial intelligence. Prior training in computer science, statistics or computer enthusiasts with biology/medicine backgrounds were all welcome to our lab. You will enjoy a stimulating multidisciplinary environment and training as part of our personalized medicine initiatives and exceptional bioinformatics support from high-throughput genomics and clinical data.