CURRICULUM VITAE

Basic Information*

First Name:	**Lingsen**
Last Name:	**You**
Email:	**lingsenyou@gmail.com**

Educational Background

School/Degree	Major	Advisor	Time
Jinan University MD	Clinical medicine	Xuesong Yang	2016-2021
Fudan University Ph.D	Department of cardiology	Junbo Ge	2021-2025

Professional Appointments

Secretary of the Center Panvascular Interventional Complex Basic Science Center of Fudan University, Academician Ge Junbo's team (2022-now)

Honors and Awards

National Scholarship
Fudan University Academic Scholarship
Fenglin Cup English Speech Contest Winning Prize, Fudan University
Fudan University Outstanding Student Scholarship
Outstanding Volunteer, China Center for Cardiovascular Innovation

Scholarly Publications

[1] **You, L**., Shen, L., & Ge, J. (2025). The foundation and development of China's National Basic Science Center for panvascular interventional complex systems: pioneering device-vessel suitcordance research. European heart journal, 46(35), 3400–3403. https://doi.org/10.1093/eurheartj/ehaf418
[2] You, L., Luo, Y., Cheng, Q. et al. High-Suitcordance Intelligent Fibers for Panvascular Disease Monitoring-Intervention. Adv. Fiber Mater. 7, 1042–1072 (2025). https://doi.org/10.1007/s42765-025-00542-9

[3] **You, L.,** Chen, Y., Zhang, Z., Wang, Y., Shen, L., & Ge, J. (2025). High Suitcordance for Panvascular Full-Watershed Organs: A New Interventional Perspective. Research (Washington, D.C.), 8, 0974. https://doi.org/10.34133/research.0974

[4] **You, L**., Chen, Y., Zhang, Z., Wang, Y., Gu, Z., Shen, L., & Ge, J. (2025). The FLOW Framework: a panvascular-on-a-chip platform to model systemic disease and guide panvascular interventional device suitcordance. Science bulletin, S2095-9273(25)01328-3. Advance online publication. https://doi.org/10.1016/j.scib.2025.12.051

[5] **You, L.**, et al., 4A tetrahedron system: a synergistic framework for panvascular intervention empowered by flexible electronics. npj Flex Electron. 2026; 8 (1).

doi:10.1038/s41528-026-00537-5 [3]Liang, M., Zhang, R., Gao, Y., Shen, L., **You, L**., Feng, W., Ge, J., & Fan, Y. (2025). A multi-objective optimization of degradable polymer vascular stents. Computer methods in biomechanics and biomedical engineering, 1 – 10. Advance online publication. https://doi.org/10.1080/10255842.2025.2524477**(Conception and design)**

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Grants

PI , Challenge Cup Project Fund for Chinese University

Participant, Basic Science Center Program of the National Natural Science Foundation of China (NSFC)

Clinical Trials

A Randomized Controlled Trial (RCT) of Bioresorbable Scaffolds (Xinsorb, BRS)

Patents

Title	Date filed	Application number
Biodegradable Intelligent Morphing Venous Filter	**15/09/2024**	**CN202411295090.1**
Phased degradation of fully biodegradable inferior vena cava filters.	**26/02/2024**	**CN202410211332.8**
Method for Controlling the Degradation Performance of Biodegradable Implantable Medical Devices in Structural Design.	**30/06/2024**	**CN202410864454.7**

Editorial Service

Ad-hoc Reviewer **,** Advanced Materials, 2024
Ad-hoc Reviewer **,** Bioactive Materials, 2024

University Administrative Service

Secretary of the Center Panvascular Interventional Complex Basic Science Center of Fudan University, Academician Ge Junbo's team (2022-2025)

Service to Professional Organizations

Secretary, Center for Cardiovascular Innovation(China)

Presentations

Invited Talks, Chinese Congress of Theoretical and Applied Mechanic，2023

Invited Talks, Chinese Congress of Theoretical and Applied Mechanic，2024

Community Service

Volunteer, Center for Cardiovascular Innovation(China)，2024
Volunteer, Center for Cardiovascular Innovation(China), 2024
Volunteer, Center for Cardiovascular Innovation(China), 2025

Teaching and Coursework

Teaching Assistant, Undergraduate Scientific Innovation Training Program, Fudan University | Summer 2024
Teaching Assistant, Undergraduate Scientific Innovation Training Program, Fudan University | Summer 2025

- **Mentored and guided interdisciplinary teams of undergraduate students through the full lifecycle of their scientific innovation projects, from initial ideation to final presentation.**
- **Facilitated breakout sessions and workshops on key research methodologies, project management, and effective scientific communication.**
- **Provided constructive feedback and evaluated student project proposals, progress reports, and final project deliverables, fostering a high standard of academic rigor.**
- **Served as the primary point of contact for students, offering academic support and clarifying complex concepts introduced by senior faculty.**

Trainees

Over the course of my graduate studies, I have actively mentored and supervised a diverse group of over 30 undergraduate and junior graduate students. My guidance focused on fostering their fundamental research skills, from experimental design and data analysis to scientific writing. This initiative has successfully led to several collaborative research articles and equipped students with the necessary experience for their future academic careers.