



Lingsen You

M. D., Ph.D.

Fellow

Interventional Cardiologist & Scientific Secretary

National Basic Science Center for Panvascular Interventional Complex Systems
Executive Committee Member,
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Shanghai, China

Research & Clinical Focus

Scientific Management; Interventional Cardiology; Translational Medicine; AI in Healthcare

Honors & Awards

Shanghai Outstanding Graduate
(Provincial-Level Honor)

Best Cover Article Award
Advanced Fiber Materials
(Springer Nature)

National Scholarship
Ministry of Education, China

English Speaking Contest
Outstanding Prize, Fudan University

National Award
National International College Students' Innovation Competition, Ministry of Education, China

Personal Interests

Football; swimming; strength training; travel.

Paddleboarding
Previously trained alongside a provincial-level team.

SUMMARY & RESEARCH FOCUS

Interventional cardiologist and Fellow at Zhongshan Hospital, Fudan University.

Scientific Secretary of the National Basic Science Center for Panvascular Interventional Complex Systems under the leadership of Prof. Junbo Ge (CAS Academician), coordinating national research initiatives.

Research integrates biomedical engineering and clinical cardiology, focusing on translational medicine, large animal models (swine/canine) for preclinical validation to clinical investigation of novel interventional devices and flexible electronic systems.

Advancing the 'Device-Vessel Suitcordance' framework to promote precision device-vascular matching and accelerate bench-to-bedside translation.

News

[Sep 2026] Our Opinion on vascular-device suitcordance was accepted by [Trends in Molecular Medicine](#).

[Aug 2026] Published our work on intelligent photonics and digital twins in [Light: Science & Applications](#) (Vol. 15, Article 335).

[Aug 2026] Published our nationwide IABP cohort study in [Biomarker Research](#) (Vol. 14, Article 97; 37,477 patients).

[Jul 2026] Preparing for a research visit with Prof. Patrick W. Serruys at University of Galway.

[Mar 2026] Received the Best Cover Article Award (2024-2025) from [Advanced Fiber Materials](#).

Selected Publications



[The foundation and development of China's National Basic Science Center for panvascular interventional complex systems](#)

L. You , ..., J.B. Ge

[European Heart Journal](#) , 2025 (IF: 45.3) [\[Article\]](#)
[High-Suitcordance Intelligent Fibers for Panvascular Disease Monitoring-Intervention](#)



L. You , ..., J.B. Ge

[Advanced Fiber Materials](#) , 2025 (IF: 22.6) [\[Article\]](#)



[The FLOW Framework: a panvascular-on-a-chip platform to model systemic disease](#)

L. You , ..., J.B. Ge

[Science Bulletin](#) , 2026 (IF: 21.1) [\[Article\]](#)



[Vascular-Device Suitcordance: A Tri-Ecological Framework for Eco-Rebalancing](#)

L. You , ..., J.B. Ge

[Trends in Molecular Medicine](#) , 2026 (IF: 18.1) [\[in press\]](#)



[4A tetrahedron system: a synergistic framework for panvascular intervention empowered by flexible electronics](#)

L. You , ..., J.B. Ge

[npj Flexible Electronics](#) , 2026 (IF: 15.4) [\[Article\]](#)
[Intra-aortic balloon pump use and in-hospital mortality in acute myocardial infarction with Killip class III or IV](#)

L. You , ..., J.B. Ge

[Biomarker Research](#) , 2026, 14:97 (IF: 15.0) [\[Article\]](#)

