

The 13th ASCI³ 2024: A Manuscript Writing Training Program for Cardiovascular Imaging Researchers



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Background

- The Asian Society of Cardiovascular Imaging (ASCI) launched the Advanced School for Core Investigators (ASCI²) in 2010 to support young researchers through peer learning and expert mentorship.
- In 2018, the initiative was rebranded as the **A**dvanced **S**chool for **C**ore **I**nvestigators in **A**asian **S**chool of **C**ardiovascular **I**maging of **A**Asian **S**ociety of **C**ardiovascular **I**maging (ASCI³) to signify its broadened educational scope.
- Annually, four to six trainees are selected to participate in this program just before the ASCI congress. Each trainee is supported by a team comprising the trainee, a tutor, and a co-tutor.

Call for Trainees

- Outstanding young researchers under age 45 were invited to apply, with eligibility based on:
 - ASCI paid membership
 - At least one SCIE-indexed publication as first/corresponding author
 - An ongoing unpublished study
 - Submission of draft manuscript, abstract, and presentation plan

Trainees, Topics, and Mentors

Trainee	Topic	Tutor Co-tutor
Shujuan Yang (China) 	Feasibility of T2 Mapping for the Detection of Myocardial Injury in Patients With Hypertrophic Cardiomyopathy: A Case-Control Study	Vimal Raj (India) Xinshuang Ren (China)
Nurul Ain Binti Mat Idris (Malaysia) 	Hypertensive Cardiac Remodeling Index Based on Cardiac CT Parameters	Young Joo Suh (Korea) Sung Ho Hwang (Korea)
Lihua Yu (China) 	Deep Learning Reconstruction for Coronary CT Angiography in Patients With Coronary Origin Anomaly, Stent, or Bypass Graft	Sang Il Choi (Korea)
Thaothao Pham (Vietnam) 	Role of Left Atrial Strain in Predicting Left Ventricular Recovery in Patients With Heart Failure With Reduced Ejection Fraction	Jongmin Lee (Korea) Yinsu Zhu (China)
Jong Eun Lee (Korea) 	Long-Term Mortality and Cardiovascular Risk Prediction Using Artificial Intelligence-Enhanced Analysis of Radiographic Cardiovascular Borders	Lei Zhao (China) Chunxiang Tang (China)

Program Schedule

- ASCI³ 2024 was held from September 9–11, 2024, at Everbright International Hotel, Shanghai, China



Three-day structure

This program is structured over three days, with each day focusing on a specific phase of academic development and peer engagement:

Day 1: Research Presentation & Discussion

The tutor introduces the trainee's research topic, followed by the trainee's detailed presentation. All participants engage in critical discussion and provide constructive feedback.

Day 2: Manuscript Revision with Mentor Guidance

Trainees revise their drafts based on feedback. Tutors and co-tutors offer further guidance to refine the manuscript.

Day 3: Final Summary & Publication Planning

Final presentations summarize progress. Each team discusses submission strategy, target journals, and publication timeline.

Outcomes and Feedback of the ASCI³ Program

- The 13th ASCI³ program featured research projects spanning various imaging modalities, including CT, MRI, echocardiography, and artificial intelligence, with clinical applications in coronary artery disease, cardiomyopathy, and heart failure.
- On the final day of the ASCI³ 2023 program, Shujuan Yang was selected as the Best Trainee, based on evaluations conducted by the tutors and co-tutors.
- In the post-program survey, all trainees rated their mentors as "helpful and well-prepared," awarding them the highest score on a three-point scale. Furthermore, every participant expressed enthusiasm and a clear willingness to engage in future ASCI³ programs.



Prof. Jongmin Lee, Chair of ASCI School, presenting the Best Trainee award to Dr. Shujuan Yang during the 13th ASCI³ program.



Group photo of trainees and mentors participating in the ASCI³ 2024 program, commemorating their shared academic journey.

Conclusion

- The 13th ASCI³ successfully guided early-career investigators in transforming active research into high-quality manuscripts through structured mentorship, collaborative feedback, and academic exchange.