



# Shanghai Jiao Tong University “The Belt and Road Initiative” Advanced Training Program Frontiers in Plant Science Forum: Symposium of Plant metabolism and evolution

## About the BRI Training Program

Shanghai Jiao Tong University “The Belt and Road Initiative” Advanced Training Program—Symposium of Plant metabolism and evolution aims at recruiting talents from “The Belt and Road Initiative” countries to join the academic training in the field of green agriculture.

## Training Contents

- ▶ Academic presentations
- ▶ Participant report (Each participant shall give a plant science-related academic presentation of approximately 15 minutes)
- ▶ Field trips to agriculture industry and base
- ▶ Chinese culture tours

## Training Period

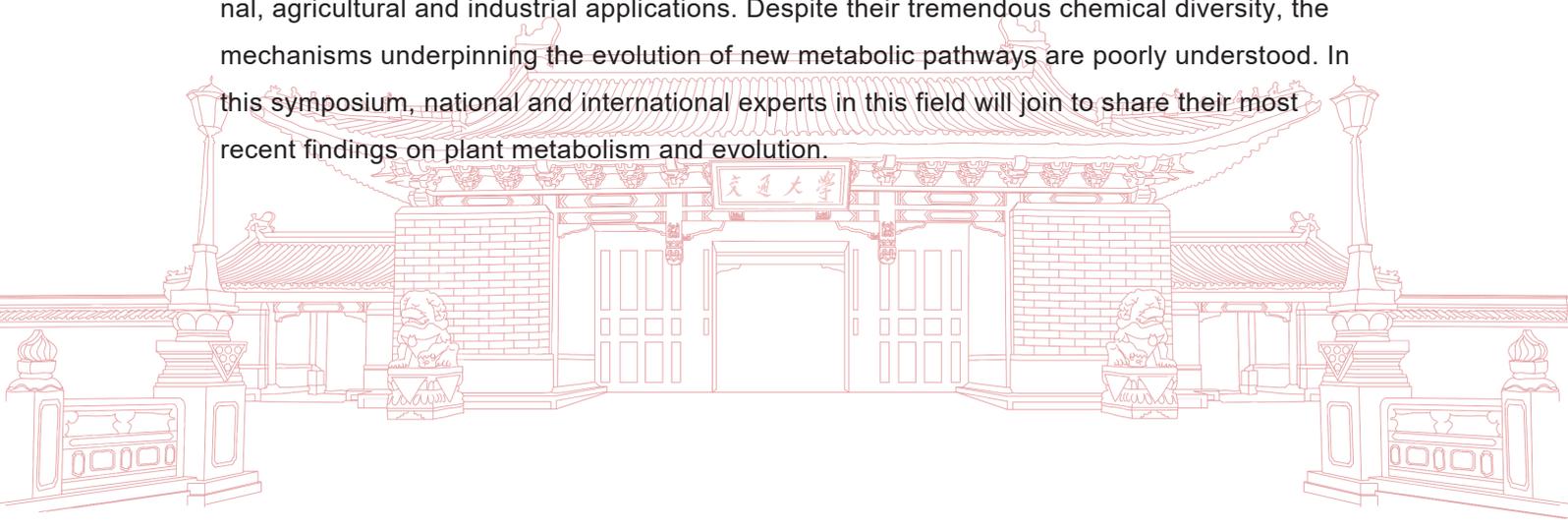
The training program will last for 1 week, from Dec.16<sup>th</sup> to Dec.20<sup>th</sup>, 2024.

## Recruiting Targets

- 1.Professors, Assoc. Professors, lecturers, and postdocs in universities and research institutions who are associated with agricultural areas;
- 2.Government officials associated with agricultural areas;
- 3.Corporation elites associated with agricultural areas.

## Theme

Plants are chemical engineers par excellence, and are collectively estimated to make over a million different specialized metabolites. These compounds have important ecological functions, providing protection against attack by pests and pathogens, inhibiting the growth of competing plants, shaping the plant microbiome, and serving as attractants for seed dispersal agents and pollinators. Plant natural products also are a rich source of bioactives for medicinal, agricultural and industrial applications. Despite their tremendous chemical diversity, the mechanisms underpinning the evolution of new metabolic pathways are poorly understood. In this symposium, national and international experts in this field will join to share their most recent findings on plant metabolism and evolution.





## Expenses

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- 1.SJTU will cover tuition, local lodging (standard double room) during the period of training, and field trip fees.
- 2.Participants shall cover their own airfare, insurances, visa application fees, and other personal expenses.

P.s. Participants will be provided with standard double rooms during the training period. If you need single room, please contact us for special request. The extra lodging fee led by single room request or extended staying time will be covered by participants on their own.

## Application

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Application Deadline: Dec.9<sup>th</sup> 2024

Application Materials: Please fill out this link to register:

<https://www.wjx.cn/vm/rUKn8ut.aspx#>

Contact:

Ms. Yuxuan Hao

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Tel: +86-21 34205933



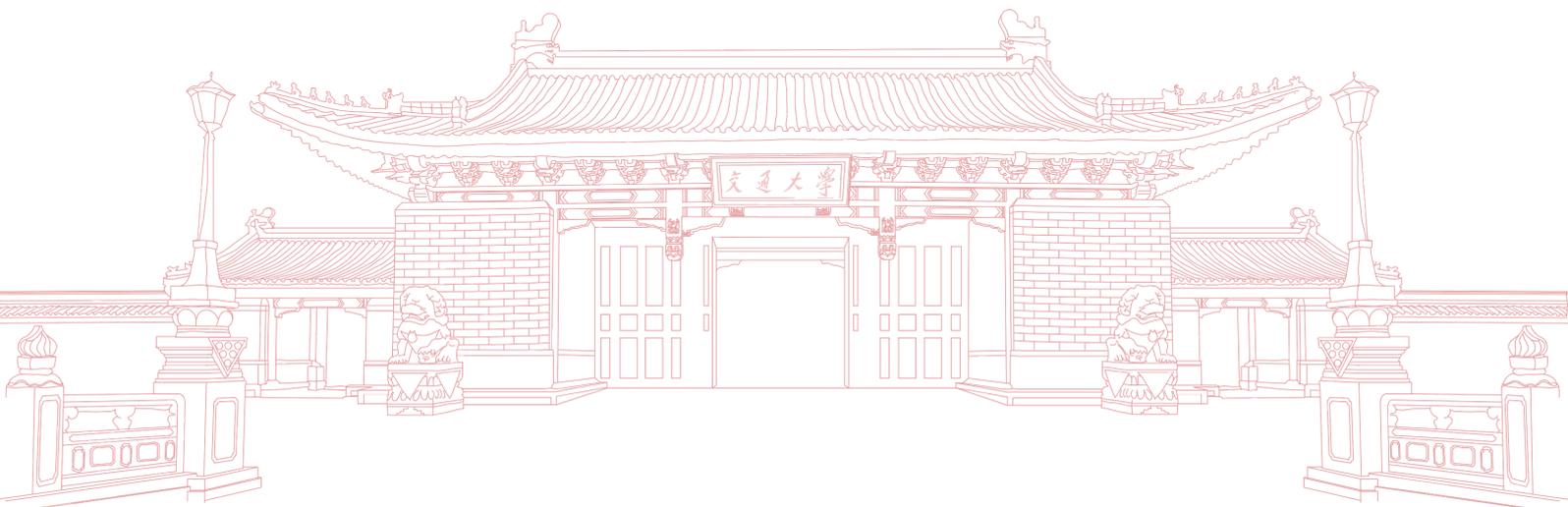
Scan the QR code to apply

## Appendix:

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I.Tentative Agenda

II.Information about previous programs





## I. Tentative Agenda

DATE & TIME		Detailed Schedule
16 Dec., Mon	P.m.	Registration
		Opening Ceremony and Campus Tour
17 Dec., Tue	A.m.	Expert Lecture (about 10)
	P.m.	
18 Dec., Wed	A.m.	Participant Report
	P.m.	
19 Dec., Tue	A.m.	Visit: Shanghai Jiao Tong University History Museum
	P.m.	Awards and Closing Ceremony
20 Dec., Fri		Return





## II. Information about previous programs

The “The Belt and Road Initiative” Advanced Training Program has been held for three consecutive sessions from 2017 to 2019, and the fourth session was successfully held in 2023, focused on modern agriculture, food safety and other themes. Nearly 150 Professors, Government officials and Corporation elites from Montenegro, Bulgaria, Estonia, Malaysia, Romania, Greece, Pakistan and other countries participated in the program.



Photo of

The Second “The Belt and Road Initiative” Advanced Training Program



Photo of

The Third “The Belt and Road Initiative” Advanced Training Program



上海交通大学农业与生物学院  
Shanghai Jiao Tong University School of Agriculture and Biology



Photo of  
The Forth “The Belt and Road Initiative” Advanced Training Program

