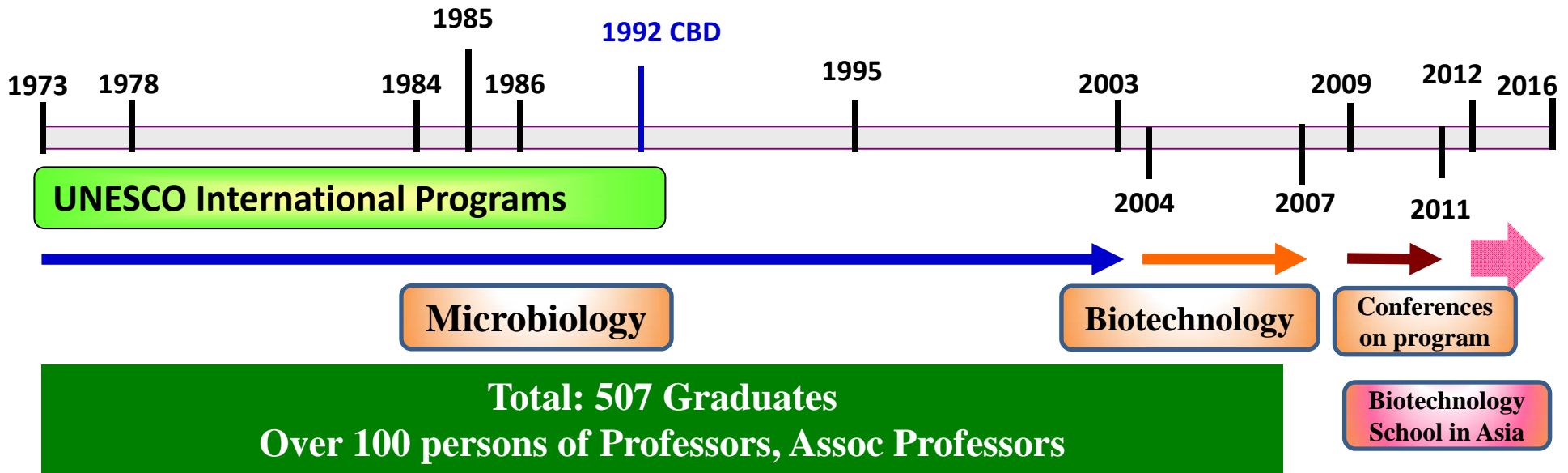


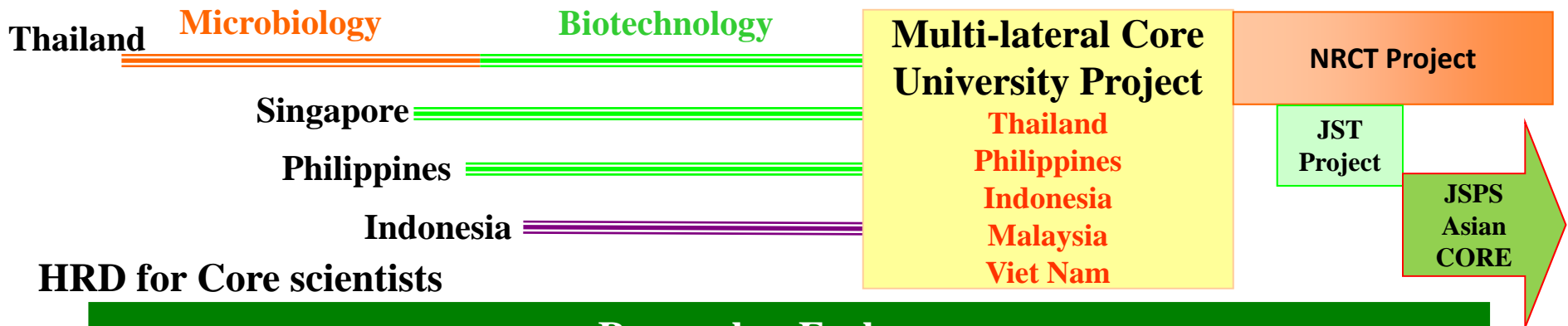
UNESCO Biotechnology School in Asia (2012-2106)

Takuya Nihira
International Center for Biotechnology
Osaka University
At Bali meeting, 2016-7-21

International Projects Operated by ICBiotech



HRD for Young scientists



HRD for Core scientists

Researcher Exchanges
Total Exchanges: over 64,000 days · person, Original articles over 600 papers

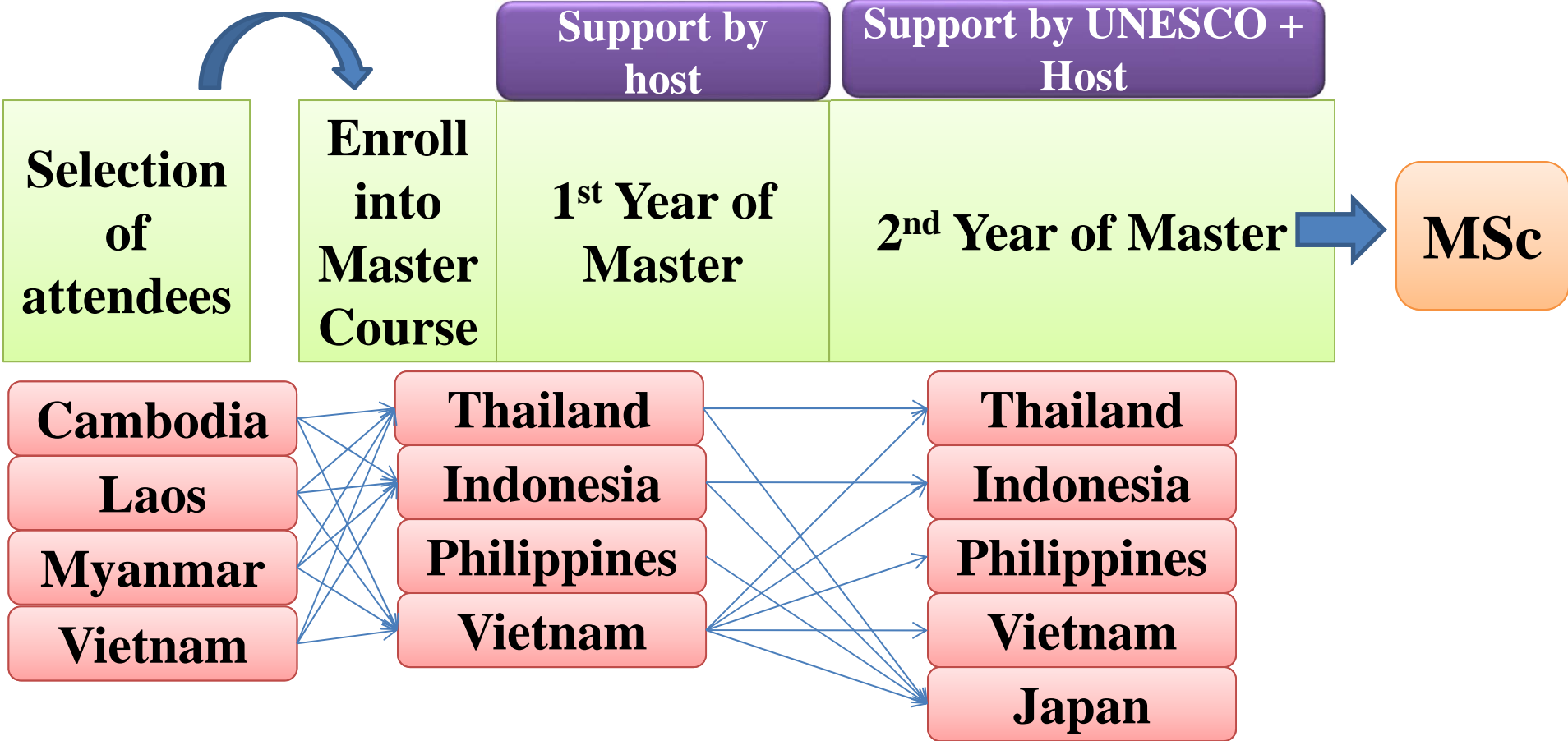
Comparisons between the Course in Microbiology and in Biotechnology

Item	In Microbiology 1973-2003	In Biotechnology 2004-2007
Number of Alumni	411	48
Period of operation	30 years/30 batches	3 years/3 batches
Funding	Japan / UNESCO	Japan / Thailand
Location	Japan	Japan / Thailand
Committed universities	5 Major Japanese universities	5 Major Japanese universities
		4 Major Thai universities and BIOTEC
Course separation	1 course	Fundamental course
		Advanced course
Lectures	Osaka	Bangkok / Osaka
Research training	Japan	Japan / Thailand

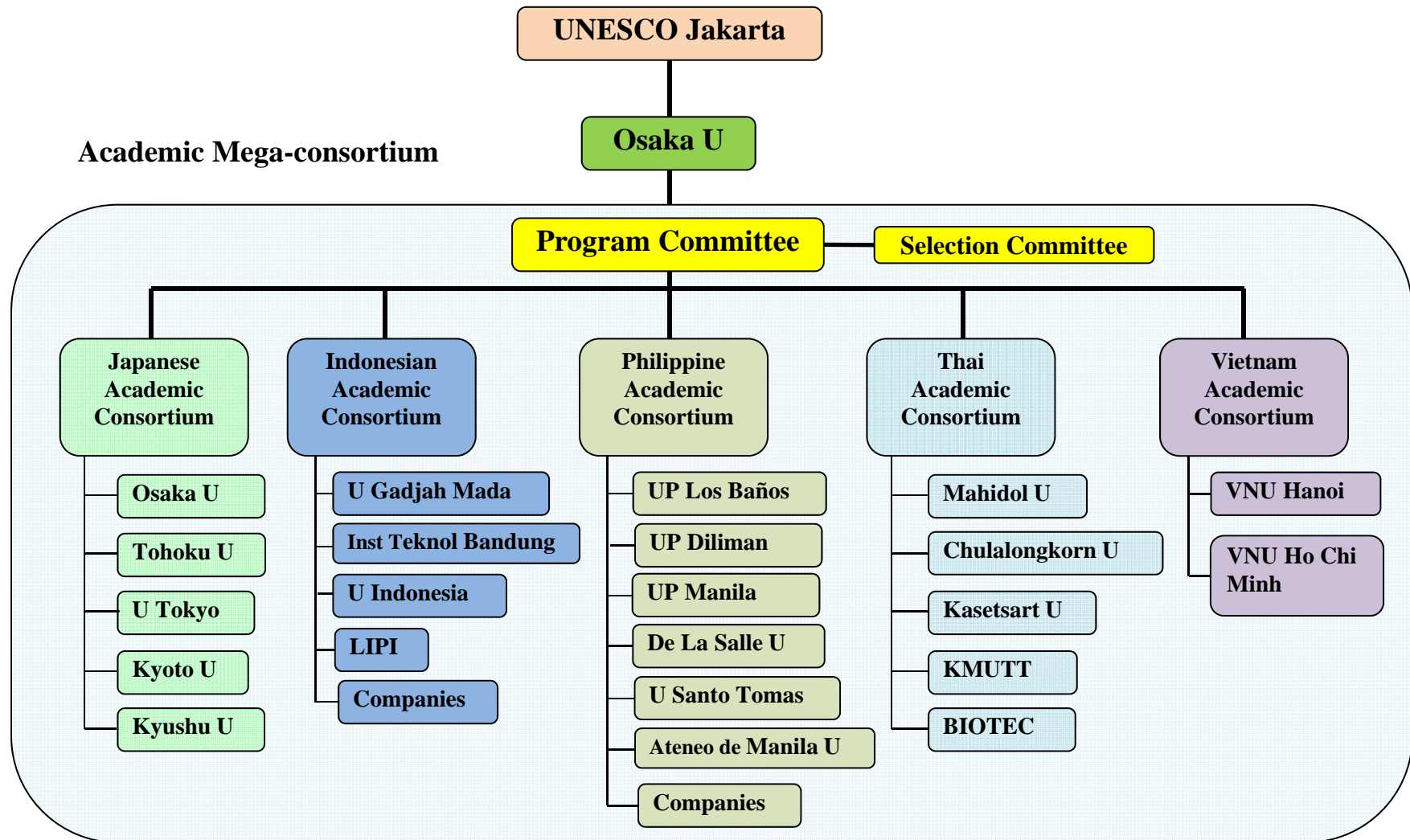
UNESCO Biotechnology School in Asia (from 2012)

Only Bachelor degree holders

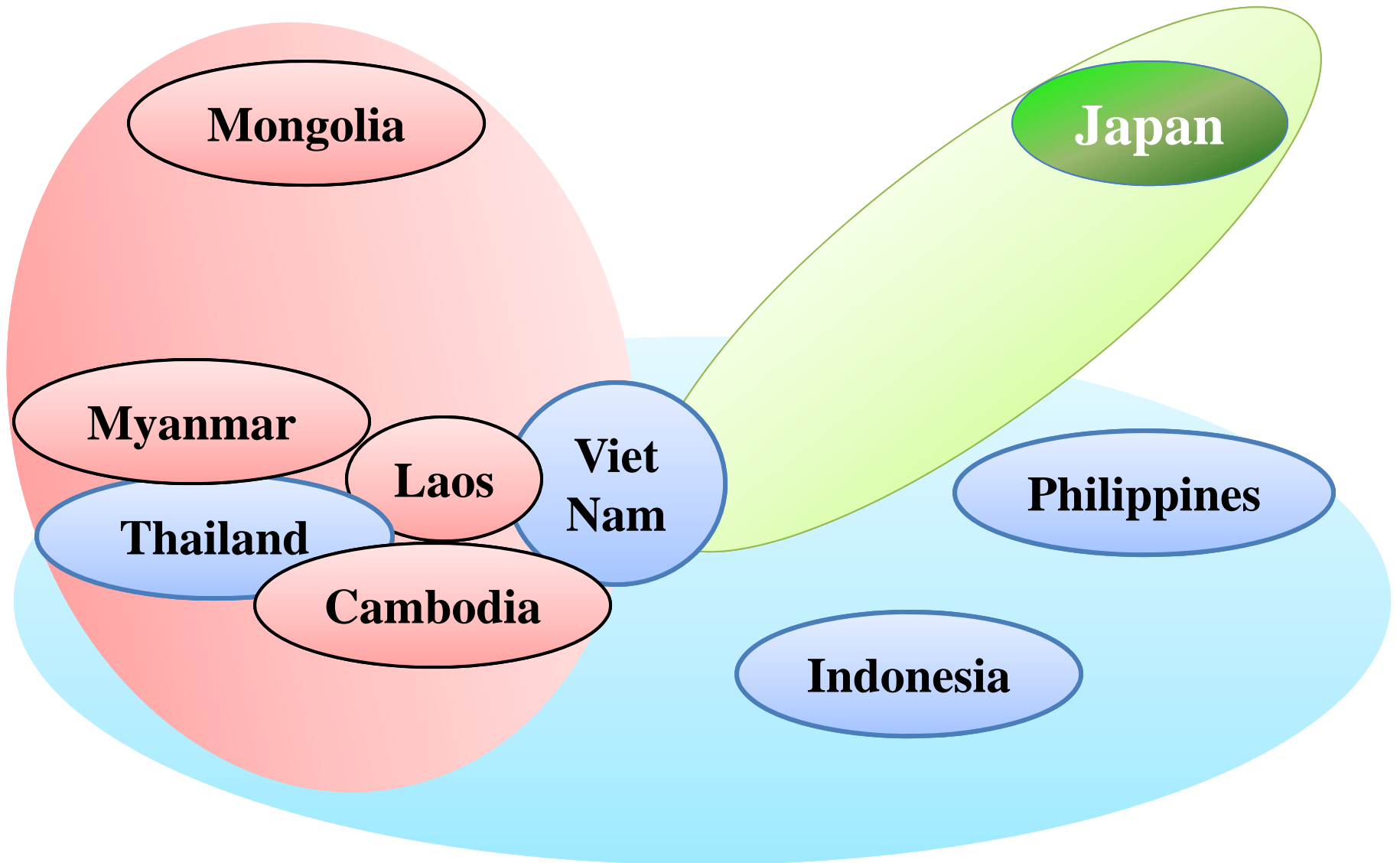
11-12 participants per year



Organization of UNESCO Biotechnology School in Asia

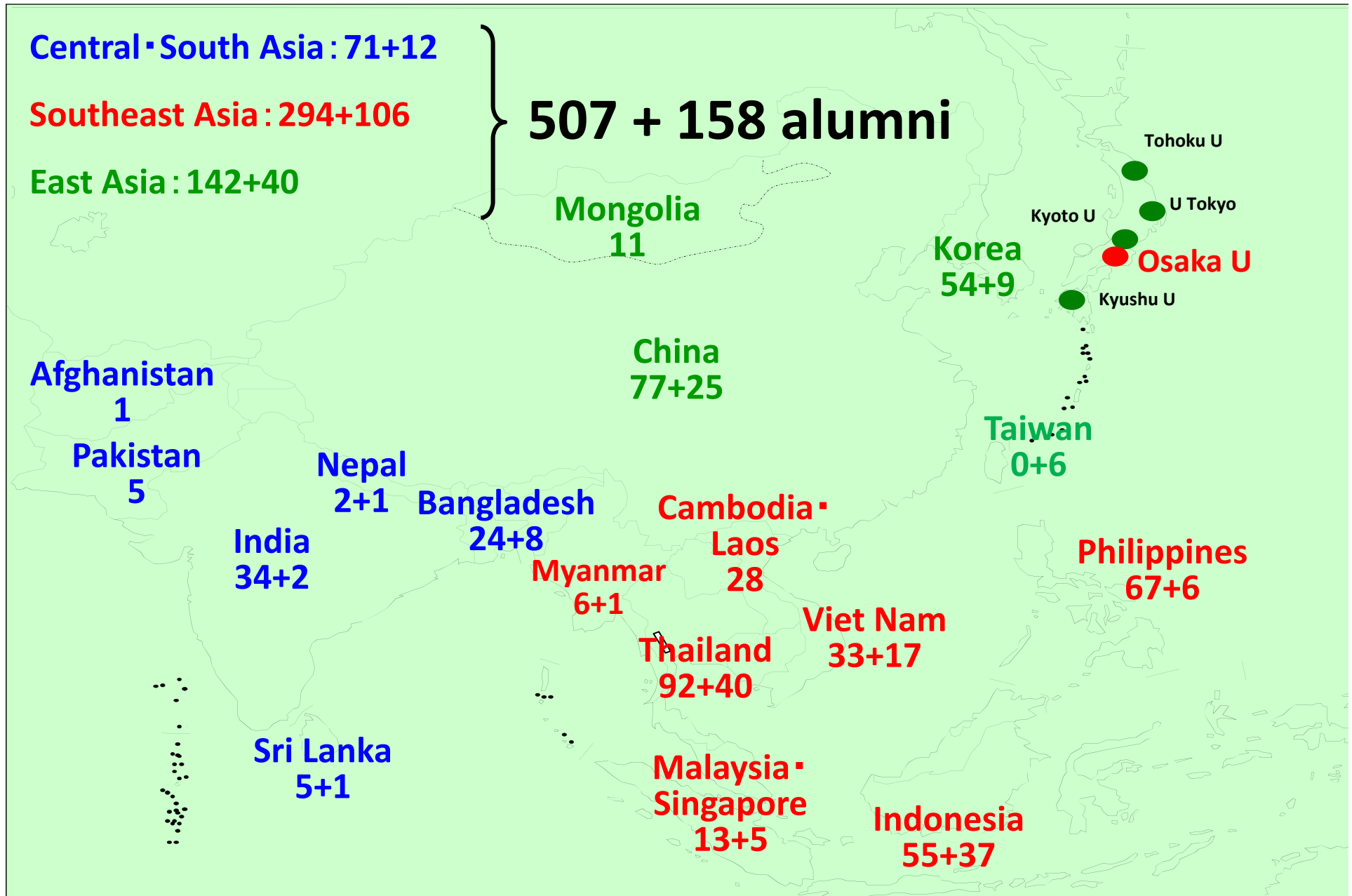


Cooperative Network in the New Course



Country Distribution of Attendees

2016.7.1





生物工学国際交流センター

International Center for Biotechnology (ICBiotech)

Aiming for promoting education and research in biotechnology, and being the hub of collaboration with Asian countries

