



The 6th Asian-Pacific Conference on Plant-Microbe Symbiosis and Nitrogen Fixation

Schedule “6th APMNF” 7-9 January, 2024

Date	Time	Activities	
Monday 8-1-24	9.00-9.45	Plenary session 1 Prof. Dr. Kiwamu Minamisawa Tohoku University, Japan Cool earth via nitrogen-fixing bacteria: Methanotrophs and bradyrhizobia	Room: Doi Luang-Doi Nang
	9.45-10.30	Plenary session 2 Dr. Eric Giraud PHIM, France Alternatives symbioses between <i>Bradyrhizobium</i> strains and legumes: identification of new Type 3 effectors triggering nodulation independently of Nod factors	
	10.30-11.00	Plenary session 3 Prof. Dr. Neung Teaumroong SUT, Thailand Progress in bradyrhizobial effector protein from secretion system and symbiotic role in non-leguminous plants	
	11.00-11.15	Coffee Break	
	11.15-11.35	Chairman: Prof. Shusei Sato Co-Chair: Asst. Prof. Dr. Kamonchanok Umnajkitikorn Session: Bioresource and Genomics Prof. Dr. Shusei Sato Tohoku University, Japan Updated information on legume experimental resources in NBRP Lotus/Glycine	
	11.35-11.50	speaker 2 Deciphering how faba bean rhizobia adapt to acidic soils via comparative genomics Dr. Jian JIAO	
	11.50-12.05	speaker 3 The Methylomonas Pangenome Reveals A Novel Endophytic Bioresource Mr. Sahassawat Chailungka	
	12.05-13.30	Lunch	Room: Lunch Room (Nimman)



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	13.30-13.50	<p>Chairman: Prof. Chi-Te Liu Co-Chair: Dr. Takashi Goto</p> <p>Session: Plant – Microbe Interaction</p> <p>Invited speaker 1 Prof. Dr. Chi-Te Liu National Taiwan University, Taiwan</p> <p>From Lab to Farm: application of photosynthetic bacterial inoculant for sustainable agriculture</p>	Room: Doi Luang	
	13.50-14.10	<p>Invited speaker 2 Dr. Takashi Goto NIBB, Japan</p> <p>Auxin Methylation Recruited into Leguminous Nodule Symbiosis</p>		
	14.10-14.25	<p>speaker 3 The New Putative Type III Effector SkP48 in <i>Bradyrhizobium</i> sp. DOA9 is Involved in Legume Nodulation</p> <p>Dr. Pongdet Piromyou</p>		
	14.25-14.40	<p>speaker 4 An evolutionarily shared formin protein INFO-mediated different symbiotic intracellular infections in legume and non-legume plants</p> <p>Dr. Liang Pengbo</p>		
	14.40-14.55	<p>speaker 5 Molecular Basis of Mung Bean Symbiotic Incompatibility: A Pull-Down Assay Identifies Plant Proteins Targeted by NopP2 from <i>Bradyrhizobium</i> sp. ORS3257</p> <p>Dr. Pongpan Songwattana</p>		
	14.55-15.15	<p>Coffee Break</p>		
	15.15-15.30	<p>Flash poster presentation (Odd number) (1 min/person)</p>		
	15.30-15.50	<p>Chairman: Dr. Didier Lesueur Co-Chair: Prof. Dr. Graham Ohara</p> <p>Session: Application of N₂– fixation & N – cycle</p> <p>Invited speaker 1 Dr. Didier Lesueur CIAT, Hanoi, Vietnam</p>		



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		Why scaling up cowpea inoculated with effective native rhizobia should be good for soil health and yields in Yen Bai Province of Northern Vietnam?
	15.50-16.10	Invited speaker 2 Prof. Dr. Graham Ohara Murdoch University, Australia Consequences of inoculation - evolution of diverse rhizobia symbionts of agricultural legumes
	16.10-16.25	speaker 3 Effect of nitrogen fixation enhancing gene on soybean growth and yield Dr. Akihiro Suzuki
	16.25-16.40	speaker 4 Screening and evaluation of efficient nitrogen fixing rhizobia specific to cultivars of <i>Vigna radiata</i> recommended for different agro climatic regions of India Dr. Nisha Tak
	16.40-16.55	speaker 5 The denitrification pathway of <i>Bradyrhizobium ottawaense</i> and its potential application in N ₂ O mitigation Dr. Atsuo Suzuki
	17.00-18.00	Poster presentation (odd No.)