

The 1st CRI-CGI-Chiba Symposium in Chemistry

January 30th - 31st, 2020

Chulabhorn Graduate Institute, Bangkok, Thailand

Program - Abstracts

SCIENTIFIC PROGRAM

January 30th, 2020 (Thursday)

09:00 - 09:20	Registr	ation
09:20 - 09:40	Profess	ng Remarks or Emeritus Dr. Somsak Ruchirawat terson of the Organizing Committee
09:40 - 10:00	Photo S	Session & Break
10:00 - 10:40	PL-1 :	Silver-Catalyzed Asymmetric Dearomatization Tetsuhiro Nemoto, Chiba University, Japan
10:40 - 11:00	IL-1 :	Synthesis and Biological Studies on Tetrahydroisoquinoline- oxazol-2(3H)-one and 2,3-Dihydro-1H-3-benzazepine Derivatives Winai Ieawsuwan, <i>Chulabhorn Research Institute, Thailand</i>
11:00 - 11:20	IL-2:	Tandem Carbon-Carbon and Carbon-Heteroatom Bond Formation Involving <i>o</i> -Amino-Substituted Aryldiynes and <i>o</i> -Alkynylisocyanobenzenes Chutima Kuhakarn, <i>Mahidol University, Thailand</i>
11:20 - 11:35	OL-1 :	Huperzine A Derivatives Functionalized at Position C2 as Analogues Against Acetylcholinesterase Shisanupong Anukanon, <i>Chulabhorn Graduate Institute, Thailand</i>
11:35 - 12:20	Lunch	

12:20 – 16:50 Excursion & Business Meeting

January 31st, 2020 (Friday)

09:00 - 09:40	PL-2:	Intertwining Nature between Developing Efficient Synthetic
		Methods and Their Applications in the Total Synthesis of
		Natural Products
		Poonsakdi Ploypradith, Chulabhorn Graduate Institute & Chulabhorn Research Institute, Thailand
09:40 - 10:00	IL-3:	Visible Light-Induced Direct C(sp ³)–H Alkynylation

Masaya Nakajima, Chiba University, Japan

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January 31st, 2020 (Friday)

10:00 - 10:20	IL-4:	Synthetic Studies of Pentaketide Microansamycins
		Satapanawat Sittihan, Chulabhorn Graduate Institute, Thailand
10:20 - 10:40	IL-5 :	Asymmetric Synthesis of Lignan Natural Products and Organofluorine Derivatives
		Darunee Soorukram, Mahidol University, Thailand
10:40 - 11:20	Poster 2	Session & Break
11:20 - 11:35	OL-2 :	Isolation and Asymmetric Total Synthesis of Ophiorrhisine A, a New Cyclophane-type Cyclic Peptide Isolated from <i>Ophiorrhiza nutans</i> Tadayoshi Onozawa, <i>Chiba University, Japan</i>
11:35 - 11:50	OL-3 :	Metal-Free Regioselective Direct Thiolation of 2-Pyridone
		Kunita Phakdeeyothin, Mahidol University, Thailand
11:50 - 12:05	OL-4 :	Synthesis of Rocaglamide Derivatives with TRAIL-Resistance Overcoming Activity
		Yoshinori Makita, Chiba University, Japan
12:05 - 12:20	OL-5 :	PTS-Si-Mediated [4+2]-Cycloaddition of <i>ortho</i> -Quinone Methides (<i>o</i> -QMs) and Allenes to Construct Functionalized Chromans Kornkamon Akkaresereenon, <i>Chulabhorn Graduate Institute</i> ,
		Thailand
12:20 - 13:30	Lunch	
13:30 - 13:50	IL-6 :	Ongoing Research in Bioactive Compounds from Thai Bio-Resources and Green Chemistry
		Prasat Kittakoop, Chulabhorn Graduate Institute & Chulabhorn Research Institute, Thailand
13:50 - 14:10	IL-7:	Enhanced Structural Stability and Controlled Drug Release of Hydrophilic Antibiotic-Loaded Alginate/Soy Protein Isolate Core-Sheath Fibers for Tissue Engineering Applications
		Piyachat Chuysinuan, Chulabhorn Research Institute, Thailand

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January 31st, 2020 (Friday)

14:10 - 14:30	IL-8: Molecular Docking Study of Lamellarin Analogues and Identification of Potential Inhibitors of HIV-1 Integrase Strand Transfer Complex by Virtual Screening Chatchakorn Eurtivong, <i>Chulabhorn Graduate Institute, Thailand</i>
14:30 - 14:45	OL-6 : Chemoselective C-H Functionalization of 2-Naphthols Catalyzed by Gold Complex
14:45 - 15:00	Chigaya Sakai, <i>Chiba University, Japan</i> OL-7: Chemistry of Neighboring Ketone Participation in <i>ortho</i> -Alkynylaryl Ketones for the Synthesis of 3-Hydroxyfluorene, 4-Azafluorene, and Naphtholactone Derivatives
	Pavitra Laohapaisan, Chulabhorn Graduate Institute, Thailand
15:00 - 15:40	Poster Session & Break
15:40 - 16:00	IL-9: Multipoint Chiral Scaffolds from (–)-Cytisine: An Entry to Drug Development from Natural Source Worawat Niwetmarin, Chulabhorn Graduate Institute, Thailand
16:00 - 16:20	IL-10 : LC-MS/MS Analytical Approaches to Sensitive Detection of Small Molecules in the Biological System Watthanachai Jumpathong, <i>Chulabhorn Graduate Institute, Thailand</i>
16:20 - 16:35	OL-8 : Nickel Catalyzed Cycloaddition of Bisallene Yuna Kawata, <i>Chiba University, Japan</i>
16:35 - 16:50	OL-9: Alkyne Annulation and Halogenative Annulation Chemistry: Synthesis of Heterocyclic and Halogenated Spirocyclic Compounds Nattawadee Chaisan, Chulabhorn Graduate Institute, Thailand

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