

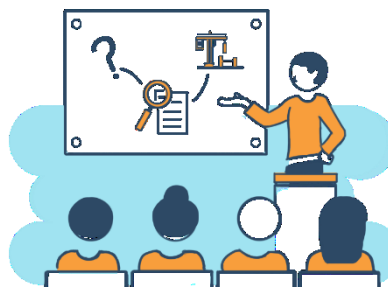
## ORAL AND POSTER PRESENTATION GUIDELINES

### ORAL PRESENTATION

#### AUDIO VISUAL & ROOMS SET UP

Each session room will be set and equipped with the following set up:

- Laptop
- Projector
- Single Screen
- Microphone
- Laser Pointer



Each session is guided by:

- 2 Liason officers
- 1 Session Chair

#### PRESENTATION GUIDELINE:

- Each oral presenter is allocated fifteen (15) minutes.
- Should be no more than ten (10) minutes total in length, allowing the additional five (5) minutes for question/answer time.
- Your slides will be projected with a projector onto a screen.
- It is not possible that you use your own computer for presentation. Hence, submitted your presentation file in advance is be advised
- Each speaker is responsible for the content of his/her presentation.

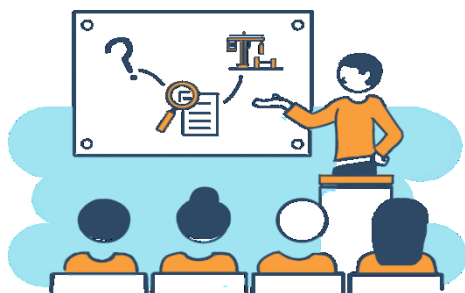
### POSTER FLASH PRESENTATION

#### AUDIO VISUAL & ROOM SET UP

**Will be Held in Ball Room During Luch Time**

Room will be set and equipped with the following set up:

- Laptop
- Projector
- Single Screen
- Microphone



Each session is guided by:

- 2 Liason officers
- 1 Session Chair

#### PRESENTATION GUIDELINE:

- Each poster presenter is allocated three (3) minutes.
  - No question/answer time
- Your poster will be projected with a projector onto a screen.
- It is not possible that you use your own computer for presentation. Hence, submitted your poster file (**pdf or ppt file type only**) in advance is be advised
- Each speaker is responsible for the content of his/her presentation
- We will skip your turn if you fail to show up when called, please be advised to be ready in the room

## PARALLEL SESSION

### Topic 1. Evolution and Systematics Ecology and Bio-conservation

DAY 1: THURSDAY, 10 OCTOBER 2019

ICBS-O-1-01	<b>The occurrence of Javanese Narrow-Headed Soft Shell Turtle (<i>Chitra chitra javanensis</i>) in Java</b> A.B.I. Perdamaian <sup>1</sup> , D. Sartika <sup>2</sup> , M.M. Amin <sup>1</sup> , H.P. Wicesa <sup>3</sup> , B.S. Daryono <sup>1*</sup>	13.00 – 13.15	Lotus
ICBS-O-1-02	<b>Analysis and Identification of Active Compounds in Methanol Extract of Sweet Star Fruit (<i>Averrhoa carambola</i> L.) Leaves, Commonly Used as Raw Material of Lawar (A Balinese Traditional Food)</b> Ni Putu Adriani Astiti <sup>1)</sup> and Yan Ramona <sup>1,2)</sup>	13.15 – 13.30	Lotus
ICBS-O-1-03	<b>Phylogenetic Study of Cantigi Ungu (<i>Vaccinium varingifolium</i>) Based on Universal <i>Internal Transcribed Spacer (ITSu)</i> DNA Barcoding</b> Muhammad H. Amrullah <sup>1,3,*</sup> , Annisa Sholikhah <sup>2</sup> , Farida Aryani Dian <sup>3</sup> , Tita Putri Milasari <sup>1,3</sup> , Elhah Nailul Khasna <sup>c</sup> , Dwi Listyorini <sup>1,3,*</sup>	13.30 – 13.45	Lotus
ICBS-O-1-04	<b>Genetic Relationship Between Local Rice Varieties</b> Nina Bunga Anggraini <sup>a, e*</sup> , Annisa Sholihah <sup>c</sup> , Elhah Nailul Khasna <sup>e</sup> , Riri Wiyanti Retnaningtyas <sup>d</sup> , Dwi Listyorini <sup>a, e, f, g*</sup> , Suharti <sup>b, e, f, g</sup>	13.45 – 14.00	Lotus
ICBS-O-1-05	<b>Diversity and Distribution of Herpetofauna in Watu Joglo, Gunung Kidul, Special Region of Yogyakarta</b> Khadija Lung Ayu <sup>a</sup> , Nishfi Laila Maghfiroh <sup>a</sup> , Afghan Azka Falah <sup>a</sup> , Donan Satria Yudha <sup>b</sup>	14.00 – 14.15	Lotus
ICBS-O-1-06	<b>Optimization of <i>Spirulina</i> Sp. Growth in Walne Media with Variation of Urea and NaHCO<sub>3</sub> Supplements</b> Lusiana Novia Caturwati <sup>a</sup> , Retno Herrani Setyati <sup>a</sup>	14.15 – 14.30	Lotus
ICBS-O-1-07	<b>Comparison of Structure and Composition of Seaweeds Population in Porok and Greweng Coasts, Gunungkidul, Indonesia</b> Abdul Razaq Chasani and Eko Agus Suyono	14.30 – 14.45	Lotus
ICBS-O-1-51	<b>Genetic Diversity of Johar (<i>Senna siamea</i> (Lam.) H.S. Irwin &amp; Barneby) in Five Island in Indonesia Based on Molecular characters Using ISSR Analysis</b> Jundi F. A. Ashshidiq <sup>1)*</sup> , Dyah Subositi <sup>2)</sup> , Budi S. Daryono <sup>3)*</sup> , Purnomo Purnomo <sup>4)*</sup>	17.15 – 17.30	Lotus
ICBS-O-1-52	<b>Identification and Phenetic Analysis of <i>Dioscorea</i> spp. and <i>Dioscorea alata</i> L. Cultivars Based on Micromorphological and Anatomical Characters</b> Purnomo <sup>1*</sup> , Issirep Sumardi <sup>2</sup> , Rugayah <sup>3</sup> , and Budi Setiadi Daryono <sup>4*</sup>	17.30 – 17.45	Lotus
ICBS-O-1-08	<b>Distribution of Fruit Tree Species in Indonesian Cities and Its Prospects on Biodiversity Conservation Strategies</b> Edi Santosa <sup>a*</sup> , Anas Dinurrohman Susila <sup>b</sup> , Winarso Drajat Widodo <sup>a</sup> , Nizar Nasrullah <sup>c</sup>	13.00 – 13.15	Tulip
ICBS-O-1-09	<b>The Tadpole of <i>Leptobranchium hasseltii</i> Tschudi, 1838 (Amphibia: Anura: Megophryidae)</b> Rury Eprilurahman <sup>1*</sup> and Nishfi Laila Maghfiroh <sup>2</sup>	13.15 – 13.30	Tulip
ICBS-O-1-10	<b>Seed Morphology, Physicochemical Characteristics, and Genetic Diversity of Banten Local Rice Varieties</b> Yunik Indra Lestari <sup>a, b</sup> , Choirun Nita Fikriani <sup>a, b</sup> , Elhah Nailul Khasna <sup>b, *</sup> , Dwi Listyorini <sup>a, c, e, *</sup> , Mohammad Ubaidillah <sup>d, e</sup>	13.30 – 13.45	Tulip
ICBS-O-1-11	<b>Bioacoustics Composition in Paddy Field Ecosystem in Southern Slope of Mount Merapi, Yogyakarta</b> Niken Pariwara Jatu and Susilo Hadi	13.45 – 14.00	Tulip
ICBS-O-1-12	<b>Influence of different larval diet on Black Soldier Fly, <i>Hermetia illucens</i> (L.) (Diptera: Stratiomyidae) mating success</b> Ucu Julita, Lulu Lusianti Fitri, Ramadhani Eka Putra, Agus Dana Permana	14.00 – 14.15	Tulip
ICBS-O-1-13	<b>Flowering Plant and Insect Interactions in Bandung City Parks</b> Ida Kinasih <sup>1*</sup> , Ramadhani Eka Putra <sup>2</sup> , Muhammad Dzaky Alfawwaz <sup>1</sup>	14.15 – 14.30	Tulip
ICBS-O-1-14	<b>Spatial Modeling for Assessing Extended Habitat of Javan Rhino (<i>Rhinoceros sondaicus</i>) in Ujung Kulon National Park, Indonesia</b> Kurnia Latifana <sup>1,*</sup> , Priyatna Windya Giri <sup>1</sup> , Anggodo <sup>2</sup> , Asep Yayus Firdaus <sup>2</sup> , Amila Nugraheni <sup>2</sup> , Muhiban <sup>2</sup>	14.30 – 14.45	Tulip
ICBS-O-1-15	<b><i>Engelhardia spicata</i> (Juglandaceae): A Review on Dendrology, Ethnobotany, and Conservation Aspects</b>	15.15 – 15.30	Lotus

	Andi Nugroho <sup>1</sup> , Sapto Indrioko <sup>2</sup> , Atus Syahbudin <sup>2</sup>		
ICBS-O-1-16	<b>Native Rubiaceae of Cibodas Botanic Garden Collections as Potential Ornamental Plants</b> Dwindia Mariska Putri <sup>1</sup> , Decky Indrawan Junaedi <sup>1</sup> , R. Hendrian <sup>1</sup>	15.30 – 15.45	Lotus
ICBS-O-1-17	<b>Biodiversity Park “KEHATI” PT. Tirta Investama Klaten as a Buffer for Riparian Ecosystem in the Central Area of the Sungai Pusur, Polanharjo, Klaten</b> Rawana <sup>1</sup> , Siman Suwadi <sup>1</sup> , Rama Zakaria <sup>2</sup> , Nanda Satya Nugraha <sup>1</sup>	15.45 – 16.00	Lotus
ICBS-O-1-18	<b>Diversity and Distribution of Herpetofauna in Banyu Nibo Waterfall Ecotourism Region, Nglanggeran, Gunung Kidul, Special Region of Yogyakarta</b> Alfonsus Toribio Eko Saputro <sup>a</sup> , Elika Boscha <sup>a</sup> , Ananto Puradi Nainggolan <sup>a</sup> , Donan Satria Yudha <sup>b</sup> , Rury Eprilurahman <sup>b</sup>	16.00 – 16.15	Lotus
ICBS-O-1-19	<b>The Flora Diversity of Lasitae Protected Nature Forest and the Nearby Area, Barru District, South Sulawesi</b> Rismita Sari <sup>1</sup> , Inggit Pudji Astuti <sup>1</sup> , Ratna Susandarini <sup>2</sup> & Irwan Makmur <sup>3</sup>	16.15 – 16.30	Lotus
ICBS-O-1-20	<b>Identification of Avifauna in The Mixed Forest of Alas Purwo National Park, Banyuwangi Based On Bioacoustics Approach</b> Ade Gishela Tarihoran and Susilo Hadi	16.30 – 16.45	Lotus
ICBS-O-1-21	<b>Deltamethrin Resistance and Kdr Mutation in <i>Aedes aegypti</i> (Diptera: Culicidae) Population from Jambi Province, Indonesia</b> Dyah Widiastuti <sup>a</sup> , Sunaryo <sup>a</sup> , Nastiti Wijayanti <sup>b</sup> , Siwi Mars Pramatama Wijayanti <sup>c</sup>	16.45 – 17.00	Lotus
ICBS-O-1-22	<b>Identification of Pleistocene Deer (Cervidae) In Java, Indonesia Based On Antlers Characteristics</b> Donan Satria Yudha <sup>1</sup> , Muhammad Zulfiqar Meizar Pratama <sup>2</sup> , Rury Eprilurahman <sup>1</sup> , and Rusyad Adi Suriyanto <sup>3</sup>	15.15 – 15.30	Tulip
ICBS-O-1-23	<b>Description of Known Species of <i>Cobbonchus Andrassy</i>, 1958 and <i>Iotonchus Cobb</i>, 1916 (Nematoda: Mononchida) from South Kalimantan</b> Abdul Gafur	15.30 – 15.45	Tulip
ICBS-O-1-24	<b>Diversity of Butterflies (Lepidoptera: Papilionoidea) in Gunung Arong Forest Reserve, East Johor, Malaysia</b> Aqilah Awg Abdul Rahman <sup>1</sup> and Maryati Mohamed	15.45 – 16.00	Tulip
ICBS-O-1-25	<b>The Essential Contribution of Captive Sumatran Elephant in Elephant Training Center, Way Kambas National Park for Wildlife Genetics Conservation</b> Elly L. Rustiati <sup>a</sup> , Priyambodo <sup>a</sup> , Yanti Yulianti <sup>b</sup> , Eko A. Srihanto <sup>c</sup> , Enny Saswiyanti <sup>c</sup> , E. D. Krismurniati <sup>d</sup> , Siti Asiyah <sup>a</sup> , D. Candra <sup>d</sup>	16.00 – 16.15	Tulip
ICBS-O-1-26	<b>Pollen Collecting by Buzzing Bees from Tubular Anther in <i>Solanum lycopersicum</i></b> Andi Gita Maulidyah Indraswari Suhri <sup>1</sup> , RC Hidayat Soesilohadi <sup>1</sup> , Ali Agus <sup>2</sup> , Sih Kahono <sup>3</sup>	16.15 – 16.30	Tulip
ICBS-O-1-27	<b>The Importance of Sugihan Wetlands (South Sumatra Province) For Birds Habitat</b> Arum Setiawan <sup>1</sup> , Muhammad Iqbal <sup>2</sup> , Pormansyah <sup>2</sup> , Doni Setiawan <sup>1</sup> , Indra Yustian <sup>1</sup>	16.30 – 16.45	Tulip
ICBS-O-1-28	<b>Genetic Characterization of Barb Fish (<i>Barbodes rhombeus</i> Kottelat, 2000) from Lake Lebo Taliwang, West Sumbawa, West Nusa Tenggara using 16s Mitochondrial Gene</b> Tuty Arisuryanti <sup>a</sup> , Astin Alfiyanti, Nadya Ulfa Nida <sup>a</sup> Firdaus, and Lukman Hakim	16.45 – 17.00	Tulip
ICBS-O-1-50	<b>COMPOSITION OF MITOCHONDRIAL DNA 16S AND COI NUCLEOTIDE OF CLIMBING PERCH (<i>Anabas testudineus</i> Bloch, 1792) FROM LAKE LEBO TALIWANG, WEST SUMBAWA, WEST NUSA TENGGARA</b> Tuty Arisuryanti <sup>a</sup> , Nofita Ratman <sup>a</sup> , Ade Siti Julaeaha <sup>a</sup> and Lukman Hakim <sup>a</sup>	17.00 – 17.15	Tulip

## DAY 2: FRIDAY, 11 OCTOBER 2019

ICBS-O-1-29	<b>Public Cemetery in Yogyakarta City as a Bird Habitat</b> Bambang Agus Suripto <sup>a</sup> and Laelatul Badriah	10.20 – 10.35	Lotus
ICBS-O-1-30	<b>The Campuses in Yogyakarta as a Bird Habitat</b> Bambang Agus Suripto, Nivita Lindasari, and Noorman Hendry	10.35 – 10.50	Lotus
ICBS-O-1-31	<b>Mammalian Fauna of Gunung Ledang, Johor</b> Faiznur Ain Ahmad Bakri <sup>1</sup> , Maryati Mohamed <sup>1</sup> , and Masatoshi Yasuda <sup>2</sup>	10.50 – 11.05	Lotus
ICBS-O-1-32	<b>Initial Survey of Tadpole Diversity in Baturraden Botanical Garden, Central Java</b>	11.05 – 11.20	Lotus

	I Gusti Agung Ayu Ratna Puspitasari*, Afrizal Vikri Avani, and Quraisy Zakky		
ICBS-O-1-33	<b>16S Mitochondrial Sequence Characterisation of Striped Snakehead (<i>Channa Striata</i> Bloch, 1793) from Ogan River, South Sumatra</b> Tuty Arisuryanti, Putri Agiestina, <u>Ibnu Fajar</u> , and Nadya Ulfa Nida' Firdaus	10.20 – 10.35	Tulip
ICBS-O-1-34	<b>Nuclear DNA Content Variation within the Pasupati, a Hybrid Catfish of Male <i>Pangasius jambal</i> and Female <i>Pangasius hypophthalmus</i>, and Its Parental Lines by Flow Cytometry</b> <u>Imron Imron</u> , Evi Tahapari, Jadmiko Darmawan, and Muhammad Luthfi Abdurachman	10.35 – 10.50	Tulip
ICBS-O-1-35	<b>Distribution of <i>Sarcotheca macrophylla</i> Blume in Kalimantan and Its Conservation Efforts in Botanic Gardens</b> <u>Inggit Puji Astuti</u> , Winda Utami Putri and Dodo	10.50 – 11.05	Tulip
ICBS-O-1-36	<b>Genetic Identification of Freshwater Fish Species from Lake Lebo Taliwang, West Nusa Tenggara through DNA Barcoding</b> Tuty Arisuryanti*, Rika Lathif Hasan, <u>Khadija Lung Ayu</u> , Nofita Ratman, and Lukman Hakim	11.05 – 11.20	Tulip
ICBS-O-1-37	<b>Behavior of the Long-Tailed Macaque (<i>Macaca fascicularis</i> RAFFLES, 1821) at Mount Tidar, Magelang, in Response to the Sound of A Human Infant Cry</b> <u>Mayumi Hersasanti*</u> and Susilo Hadi	13.00 – 13.15	Lotus
ICBS-O-1-38	<b>Genetic Diversity of Captive Sumatran Elephant Based on COI Gene Sequence in Elephant Training Center, Way Kambas National Park</b> Priyambodo <sup>1,4</sup> , Elly L. Rustiati <sup>1,4*</sup> , Eko A. Srihanto <sup>2</sup> , Yanti Yulianti <sup>3</sup> , Elsa Vimarenata <sup>1</sup> , Dian N. Pratiwi <sup>4</sup> , Dedi Candra <sup>5</sup> , and Diah E. Anggraeni <sup>5</sup>	13.15 – 13.30	Lotus
ICBS-O-1-39	<b>Updating status of the distributional records of Giant Freshwater Stingray <i>Urogymnus polylepis</i> in Indonesia</b> <u>Muhammad Iqbal</u> <sup>1</sup> , Arum Setiawan <sup>2</sup> , Yuanita Windusari <sup>2</sup> , Indra Yustian <sup>2</sup> , and Hilda Zulkifli <sup>2*</sup>	13.30 – 13.45	Lotus
ICBS-O-1-40	<b>Surveillance and Oviposition Behavior of <i>Aedes aegypti</i> Based on Difference Container Colors at Mataram City</b> <u>Munawir Sazali</u> <sup>1</sup> , RC Hidayat Soesilohadi <sup>1</sup> , Nastiti Wijayanti <sup>1</sup> , and Tri Wibawa <sup>2</sup>	13.45 – 14.00	Lotus
ICBS-O-1-41	<b>Genetic Characterization of Striped Snakehead (<i>Channa striata</i> Bloch, 1793) from Arut River, Central Kalimantan Inferred from <i>CoI</i> Mitochondrial Gene</b> Tuty Arisuryanti*, <u>Nadya Ulfa Nida' Firdaus</u> and Lukman Hakim	14.00 – 14.15	Lotus
ICBS-O-1-42	<b>The Morphometric of Worker Honey Bee, <i>Apis cerana</i> Fabr. (Hymenoptera: Apidae) from Bee Farm in different Ecosystem from district of Gunungkidul and Kulonprogo</b> <u>Hana Widiawati*</u> , Nabiilatunnisa and RC Hidayat Soesilohadi	14.15 – 14.30	Lotus
ICBS-O-1-43	<b>Establishment of Banana (<i>Musa</i> spp.) <i>In Vitro</i> Conseration</b> <u>Riry Prihatini</u> , Fitriana Nasution, Agus Sutanto, Sri Hadiati, Ellina Mansyah	14.30 – 14.45	Lotus
ICBS-O-1-44	<b>Economic Valuation of Mangrove Ecosystem at Gerung District, West Lombok Regency</b> <u>Siti Dian Rosadi*</u> , Mufti Petala Patria, and Nisyawati	13.00 – 13.15	Tulip
ICBS-O-1-45	<b>Study of Biodiversity of <i>Calophyllum</i> Genus In Heath Forest of KHDTK Mungku Baru</b> <u>Siti Maimunah*</u> , Armadiyanto, Robin Pranata	13.15 – 13.30	Tulip
ICBS-O-1-46	<b>The Abundance of Forest-Floor Fauna the Mangrove-Tree-Island Habitats of Segara Anakan, Cilacap, Central Java</b> <u>Siti Rokhanah</u> , Krisni Suhesthiningsih, and Tjut Sugandawaty Djohan*	13.30 – 13.45	Tulip
ICBS-O-1-47	<b>Study on Pollen Viability of <i>Rubus</i> Spp. at Cibodas Botanic Gardens</b> Suluh Normasiwi <sup>1,3*</sup> , Andi Salamah <sup>2</sup> , Muhammad Imam Surya <sup>3</sup>	13.45 – 14.00	Tulip
ICBS-O-1-48	<b>The Abundance of Vegetation-floor fauna at Disturbed Mangrove Ecosystem of Segara Anakan, Cilacap, Central Java</b> <u>Tjut Sugandawaty Djohan*</u> and Krisni Suhesthiningsih	14.00 – 14.15	Tulip
ICBS-O-1-49	<b>Diversity of Burrower Gastropod (Gastropoda: Mollusca) and Sediment Grain Size in Intertidal Zone of Alas Purwo National Park, East Java</b>	14.15 – 14.30	Tulip

	<u>Susintowati</u> <sup>1,2*</sup> , Nyoman Puniawati <sup>3</sup> , Niken Satuti Nur Handayani <sup>4</sup> , Erny Poedjirahajoe <sup>5</sup> , Suwarno Hadisusanto <sup>6**</sup>		
ICBS-O-1-53	<b>Symbiotic Performance of Several Leguminous Plants with Legume Nodule Bacteria Isolated from Siratro (<i>Macroptilium atropurpureum</i>) at Mount Merapi Eruption, Indonesia</b> <u>Zen Ladestam Siallagan</u> <sup>1</sup> , <u>Endah Retnaningrum</u> <sup>2</sup> , and <u>Irfan Dwidya Prijambada</u> <sup>3*</sup>	14.30 – 14.45	Tulip
ICBS-O-1-54	<b>Pollen collected by stingless bee <i>Tetragonula sapiens</i></b> <u>Andi Gita Maulidyah Indraswari Suhri</u> *, <u>Fathimah Nurfithri Hashifah, RC Hidayat Soesilohadi</u>	14.45 – 15.00	Tulip
ICBS-O-1-55	<b>Visiting behaviour of bees in <i>Cucumis sativus</i> (Cucurbitaceae) plants</b> <u>Fathimah Nurfithri Hashifah</u> *, <u>Andi Gita Maulidyah Indraswari Suhri, RC Hidayat Soesilohadi</u>	15.00 – 15.15	Tulip

## Topic 2. Structural and Functional Biology

DAY 1: THURSDAY, 10 OCTOBER 2019

ICBS-O-2-01	<b>Anatomical Responses of <i>Zinnia violacea</i> Cav. Roots and Stems to Batik Wastewater</b> <u>Qisthi Fadlila</u> and Maryani*	13.00 – 13.15	Sunflower
ICBS-O-2-02	<b>Anatomical Responses of Marigold (<i>Tagetes erecta</i> L.) Roots and Stems to Batik Wastewater</b> <u>Vidya Metta Murti</u> and Maryani*	13.15 – 13.30	Sunflower
ICBS-O-2-03	<b>Grain Quality of Rice (<i>Oryza sativa</i> L.) Cultivar Menthik Wangi of Organic Farming Yields</b> <u>Dwi Umi Siswanti</u> <sup>1</sup> , Maryani <sup>2</sup> , Fitria Yulia Rachmawati <sup>3</sup> , Aprida Niken <sup>3</sup> , Rega Virgiyana Agustin <sup>3</sup> , and Niken Wulansari <sup>3</sup>	13.30 – 13.45	Sunflower
ICBS-O-2-04	<b>Growth and Oxidative Defense Response to Silicon Application on Rice (<i>Oryza sativa</i> L. 'Sembada Merah') under Salinity Stress</b> <u>Zidny Fatikhasari</u> and Diah Rachmawati*	13.45 – 14.00	Sunflower
ICBS-O-2-05	<b>Effect of Static Electric Fields Exposure on White Blood Cells and Platelets Profiles in Sprague-Dawley Rats (<i>Rattus norvegicus</i> Berkenhout, 1769) after DMBA Administration</b> <u>Laksmindra Fitria</u> <sup>1</sup> , Puji Nurani <sup>2</sup> , Ahmad Ghitha Fadhlurrahman <sup>2</sup> , Firman Alamsyah <sup>3</sup> , Warsito Purwo Taruno <sup>3</sup> , and Rarastoeti Pratiwi <sup>4</sup> *	14.00 – 14.15	Sunflower
ICBS-O-2-06	<b>The Effect of Humic Acid on Vegetative Growth, Yield, Oxalic Acid and Betacyanin Content of Red Amaranth (<i>Amaranthus tricolor</i> L.)</b> <u>Fitri Lestari</u> and <u>Kumala Dewi</u> *	14.15 – 14.30	Sunflower
ICBS-O-2-07	<b>The Effect of Rice Husk Ash on Growth of Rice (<i>Oryza sativa</i> L. 'Sembada Merah') on Salinity Stress</b> <u>Melinda Fajar Lestari</u> and Diah Rachmawati*	14.30 – 14.45	Sunflower
ICBS-O-2-08	<b>The effects of ultraviolet B on the efficacy of <i>Bacillus thuringiensis</i> var. <i>kurstaki</i> against armyworm, <i>Spodopteralitura</i> Fab. (Lepidoptera: Noctuidae)</b> <u>S. Sumarmi</u> <sup>1</sup> , R.C. H. Soesilohadi <sup>1</sup> , I. Sudaryadi <sup>1</sup> , H. Purwanto <sup>1</sup> , W. Atmaja <sup>2</sup> , S. Suparmin <sup>1</sup> , and S. Sukirno <sup>1</sup> *	14.45 – 15.00	Sunflower
ICBS-O-2-09	<b>Sludge Biogas Made from Cow Feces Increases Rice (<i>Oryza sativa</i> L.) 'Segreng' Growth in Green House Scale</b> <u>Dwi Umi Siswanti</u> *, Sudjino and Arianda Poetri Shofia Rochman	15.15 – 15.30	Sunflower
ICBS-O-2-10	<b>Microsporogenesis of Ciplukan (<i>Physalis angulata</i> L.)</b> <u>Tiara Suryani</u> , Siti Susanti, and Utaminingsih*	15.30 – 15.45	Sunflower
ICBS-O-2-11	<b>The Phenotypic Character of Melon (<i>Cucumis melo</i> L. 'Melona') Infected with <i>Begomovirus</i> inside Greenhouse at Madurejo, Prambanan</b> <u>Rizal Hermawan Setiyobudi</u> , Aprilia Sufi Subiastuti, Wiko Arif Wibowo, and Budi Setiadi Daryono*	15.45 – 16.00	Sunflower
ICBS-O-2-12	<b>Morphophysiological Changes during Vegetative Stage Drought Stress in The Local Pigmented Rice (<i>Oryza sativa</i>) from East Nusa Tenggara</b> <u>Yustina C.F. Salsinha</u> <sup>1</sup> , Yekti A. Purwestri <sup>1</sup> , Didik Indradewa <sup>2</sup> , and Diah Rachmawati <sup>1</sup> *	16.00 – 16.15	Sunflower
ICBS-O-2-13	<b>Morphological studies of stability and identity of melon 'Hikapel'</b> <u>Adib Fakhruddin Yusuf</u> , <u>Wiko Arif Wibowo</u> , Aprilia Sufi Subiastuti, Budi Setiadi Daryono*	16.15 – 16.30	Sunflower

ICBS-O-2-14	<b>The Effectiveness of <i>Aloe vera</i> L. As A Protectant of <i>Bacillus thuringiensis</i> F. Against Ultra Violet and as A Pathogenicity of the Insect of Pest Larvae Grayak (<i>Spodoptera litura</i> Fab.)</b> <u>Analisa Br Tarigan<sup>a</sup>, Siti Sumarmi<sup>b</sup></u>	16.30 – 16.45	Sunflower
ICBS-O-2-15	<b>The Effect of Tea Extract as <i>Bacillus thuringiensis</i> Protectant Under UV Light for Insect Pest Control of <i>Spodoptera litura</i> Fab.</b> <u>Arum Dianastiti Ningrum<sup>1</sup>, Siti Sumarmi<sup>2</sup></u>	16.45 – 17.00	Sunflower
ICBS-O-2-16	<b>Migration Biomodeling of Wader Pari Fish (<i>Rasbora lateristriata</i> Bleeker, 1854) Toward Varied Current Direction and Substrate Type</b> <u>Adhi Prasetyo<sup>1</sup>) and Bambang Retnoaji<sup>2</sup>*</u>	17.00 – 17.15	Sunflower
ICBS-O-2-17	<b>Bone study on <i>Anguilla bicolor</i> 's (McClelland, 1844) Developmental Stage</b> <u>Ariel Hananya<sup>1</sup>, Bambang retnoaji<sup>1</sup>*</u>	17.15 – 17.30	Sunflower
ICBS-O-2-34	<b>THE USAGE OF PALM OIL MILL EFFLUENT (POME) AS A CULTIVATION MEDIUM OF <i>Arthrospira maxima</i> Setchell et Gardner</b> <u>Imta Vivi Variyani<sup>a</sup>, Ahmad Ardi<sup>a</sup>, Andi Alfi Syahrin<sup>a</sup>, Thoriq Teja Samudra<sup>b</sup>, Eko Agus Suyono*</u>	17.30 – 17.45	Sunflower

### DAY 2: FRIDAY, 11 OCTOBER 2019

ICBS-O-2-18	<b>Artificial Food Effects On Growth, Survival and Gonad Development of Freshwater Eel (<i>Anguilla bicolor bicolor</i> McClelland, 1844)</b> <u>Geterudis Kerans<sup>1,2</sup>, Bambang Retnoaji<sup>1,2*</sup></u>	10.20 – 10.35	Sunflower
ICBS-O-2-19	<b>Growth, Oxalate and Vitamin C Content of Red Amaranth (<i>Amaranthus tricolor</i> L.) Treated with Salicylic Acid</b> <u>Kumala Dewi<sup>a</sup>, Chlarissa Bella Ashy Shyfa<sup>b</sup></u>	10.35 – 10.50	Sunflower
ICBS-O-2-20	<b>Identification and Histologic Observation of Endophytic Fungi Isolated from a Medicinal Plant, <i>Physalis angulata</i> L.</b> <u>Utami S. Hastuti<sup>1(a)</sup>, Sulisetijono<sup>1</sup>, D. Rahmawati<sup>1</sup>, R. Yustika Sari<sup>1</sup>, S. Hartono<sup>1</sup>, C. Thoyibah<sup>1</sup>, Fitria Maulita<sup>1</sup>, F. N. I.Ningsih<sup>1</sup></u>	10.50 – 11.05	Sunflower
ICBS-O-2-21	<b>Male monosex formation of tilapia larvae (<i>Oreochromis niloticus</i>) after exposure at different time in sea cucumber steroid extract (<i>Holothuria scabra</i> Jaeger)</b> <u>Deni Wahyu Safitri and Gregorius Nugroho Susanto*</u>	11.05 – 11.20	Sunflower
ICBS-O-2-22	<b>Masculinization of redclaw crayfish and nile tilapia by immersion using combination of steroid extract of sea cucumber and honey bee</b> <u>Gregorius Nugroho Susanto*, Wahyu Widiyanto, Istiqomah</u>	11.20 – 11.35	Sunflower
ICBS-O-2-23	<b>Morphometric Differences of Honey Bee, <i>Apis cerana</i> Fabr. (Hymenoptera: Apidae) on Bee Farm in Gunung Kidul and Kulon Progo</b> <u>Hana Widiawati<sup>a</sup>, Nabiiatunnisa<sup>a</sup>, RC Hidayat Soesilohadi<sup>b</sup></u>	11.35 – 11.50	Sunflower
ICBS-O-2-24	<b>Essential Oil profiles of Eight Piper Species Leaves and Stems Collected from Biological Garden of the Faculty of Biology Universitas Gadjah Mada Yogyakarta, Indonesia.</b> <u>Laurentius Hartanto Nugroho*, Elizabeth Cindy Lexinta, Asep R. Ibrohim</u>	13.00 – 13.15	Sunflower
ICBS-O-2-25	<b>Development of Integument and Muscle in Regenerated Tail of Tokay Gecko (<i>Gekko gekko</i> LINNAEUS, 1758)</b> <u>Luthfi Nurhidayat<sup>a</sup>*, David Kurniawan Pratama<sup>b</sup>, Noor Annisa Devi<sup>b</sup>, Zuliyati Rohmah<sup>a</sup></u>	13.15 – 13.30	Sunflower

ICBS-O-2-26	<b>Histological Structure of Nerve Fiber and Blood Vessel in Regenerated Tail of Tokay Gecko (<i>Gekko gekko</i> Linnaeus, 1758)</b> Luthfi Nurhidayat <sup>a*</sup> , Noor Annisa Devi <sup>b</sup> , Diana Fadhillah <sup>b</sup>	13.30 – 13.45	Sunflower
ICBS-O-2-27	<b>EFFECT OF 150 KHZ AND 18 VPP STATIC ELECTRIC FIELD EXPOSURE ON HISTOPATHOLOGICAL STRUCTURE AND FUNCTION OF KIDNEY AND LIVER IN DMBA-INDUCED RAT (<i>Rattus norvegicus</i> Berkenhout, 1769)</b> Luthfi Nurhidayat <sup>a</sup> , Ibnu Fajar <sup>b</sup> , Afif Yati <sup>b</sup> , Helmi Hana Prinanda <sup>b</sup> , M. Irfan <sup>b</sup> , Dalila Afina <sup>b</sup> , Ahmad G. Fadlurrahman <sup>b</sup> , Firman Alamsyah <sup>c</sup> , Warsito P. Taruno <sup>c</sup> , Rarastoeti Pratiwi <sup>d,*</sup>	13.45 – 14.00	Sunflower
ICBS-O-2-28	<b>The Effect of Low pH on Morphophysiological Characters in Vegetatif Phase of Kalimantan Local Swamp Rice (<i>Oryza sativa</i> L.)</b> Vina Novianti <sup>1</sup> , Diah Rachmawati <sup>1</sup> , Didik Indradewa <sup>2</sup> , Maryani <sup>1*</sup>	14.00 – 14.15	Sunflower
ICBS-O-2-29	<b>Meat Quality and Performance of Broiler (<i>Gallus gallus domesticus</i> Linnaeus, 1758) After Marolis<sup>tm</sup> Probiotics Treatment</b> Nisrina Nadhifah, Maria Ervina Masu, Mulyati Sarto, Rahadian Yudo Hartanto, Anik Trihastuti <sup>2</sup> , Slamet Widiyanto	14.15 – 14.30	Sunflower
ICBS-O-2-30	<b>Composition of Mitochondrial Dna <i>Coi</i> Nucleotide of Striped Snakehead (<i>Channa striata</i> Bloch, 1793) Collected from Three Rivers in Sumatra and Kalimantan</b> Tuty Arisuryanti <sup>a</sup> , Vicken <sup>a</sup> , Nur Azizah <sup>a</sup> , and Nadya Ulfa Nida' Firdaus <sup>a</sup>	14.30 – 14.45	Sunflower
ICBS-O-2-31	<b>Variability and Phenetic Analysis of Gadung (<i>Dioscorea hispida</i> Dennst.) In Sulawesi Island Based On Morphological Characters</b> Purnomo <sup>1</sup> , Budi S. Daryono <sup>2</sup> and Febriyanti <sup>3</sup>	14.45 – 15.00	Sunflower
ICBS-O-2-32	<b>Variation of 2,4-Dichlorophenoxyacetic acid (2,4-D) Concentration on Kaffir Lime Callus Growth as Raw Material for Cell Suspension</b> Frisca Damayanti <sup>1,2</sup> , Ari Indrianto <sup>1</sup> , Aries Bagus Sasongko <sup>1</sup> , Sudewi Fajarina <sup>1,4</sup> , Beni Hendro Prabowo <sup>1,3</sup> , Lisna Hidayati <sup>1</sup> , Woro Anindito Sri Tunjung <sup>1*</sup>	15.00 – 15.15	Sunflower
ICBS-O-2-33	<b>The Effect of Batik Liquid Waste on Germination and Root Anatomical Structure of <i>Tagetes erecta</i> L. and <i>Zinnia violacea</i> Cav.</b> Maryani <sup>*</sup> , Ninda Nur Amalia, Tevi Agustina	15.15 – 15.30	Sunflower



### Topic 3. Biomedical and Natural Bioactive Products

#### DAY 1: THURSDAY, 10 OCTOBER 2019

ICBS-O-3-01	<p><b>Mutation and Expression analysis of <i>BRCA1</i>, <i>BRCA2</i>, and <i>PALB2</i> Gene in East Java Breast Cancer Cases</b></p> <p>I Kade Karisma Gita Ardana<sup>1,3,*</sup>, Zefry Okta Wardana<sup>1,3,4</sup>, Vina Rizkiana<sup>1,3</sup>, Nursasi Handayani<sup>1</sup>, Hendra Susanto<sup>1</sup>, Justinus Dwi Pratjojo Wisnubroto<sup>2</sup>, Alfiyannul Akhsan<sup>2</sup>, Vidi Vianney Chrisana Magrit Tanggo<sup>2</sup>, Dwi Listyorini<sup>1,3,*</sup></p>	13.00 – 13.15	Irish
ICBS-O-3-02	<p><b>Detection of Protein Against <i>Wuchereria bancrofti</i> Infection in Southern House Mosquito <i>Culex quinquefasciatus</i> Say, 1823 From Filariasis Endemic Area</b></p> <p>Raden Roro Upiek N. W. Astuti<sup>1</sup>, Budi Mulyaningsih<sup>2</sup>, R.C. H. Soesilohadi<sup>3</sup>, Suwarno Hadisusanto<sup>4</sup>, Raden Wisnu Nurcahyo<sup>5</sup></p>	13.15 – 13.30	Irish
ICBS-O-3-03	<p><b>The Effect of Adding the Protease Inhibitor on the Composition of Molecular Weight of Abalone (<i>Haliotis varia Linnaeus</i>) Fractionation</b></p> <p>Sri Budi Barunawati<sup>1 a)</sup>, Wayan Tunas Artama<sup>2</sup>, Suparyono Saleh<sup>3</sup>, Siti Sunarintyas<sup>4</sup>, Yosi Bayu Murti<sup>5</sup></p>	13.30 – 13.45	Irish
ICBS-O-3-04	<p><b>Apoptosis in Spermatogenic Cells as a Phenomenon that Can Cause Infertility in Men</b></p> <p>Firda A Husna<sup>1</sup>, Silvia W Lestari<sup>2</sup></p>	13.45 – 14.00	Irish
ICBS-O-3-05	<p><b>Effect of Curcumin On Nf-Kb P105/50 Expression On Triple Negative Breast Cancer (TNBC) And Its Possible Mechanism of Action</b></p> <p>Retno Murwanti<sup>a,*</sup>, Eva Kholifah<sup>a</sup>, Adam Hermawan<sup>b</sup>, B S Ari Sudarmanto<sup>b</sup></p>	14.00 – 14.15	Irish
ICBS-O-3-06	<p><b>Genetic Profiling of Breast Cancer</b></p> <p>Dwi Listyorini<sup>1,3,*</sup>, I Kade Karisma Gita Ardana<sup>1,3,*</sup>, Zefry Okta Wardana<sup>1,3,4</sup>, Marelda Ariyadhiny<sup>1,3,4</sup>, Silmy Rufiatin Nisa<sup>a,e</sup>, Elya Khunazatus Shima<sup>1</sup>, Patricia Karin Himawan Praseptin<sup>1</sup>, Delia Wahyu Pangesti<sup>1,3</sup>, Annasa Sabatia<sup>1,3</sup>, Hendra Susanto<sup>1</sup>, Nursasi Handayani<sup>1</sup>, Justinus Dwi Pratjojo Wisnubroto<sup>2</sup>, Alfiyannul Akhsan<sup>2</sup>, Vidi Vianney Chrisana Magrit Tanggo<sup>2</sup></p>	14.15 – 14.30	Irish
ICBS-O-3-07	<p><b>The Liver Function of Wistar Rat (<i>Rattus norvegicus</i> Berkenhout, 1769) Hypertriglyceridemia with <i>Arthrospira maxima</i> Setchell et Gardner and <i>Chlorella vulgaris</i> Beijerinck Treatment</b></p> <p>Mulyati<sup>1*</sup>, Tri Dewi Mardhatillah<sup>1</sup>, Slamet Widiyanto<sup>1</sup></p>	14.30 – 14.45	Irish
ICBS-O-3-08	<p><b>Antioxidant and Antibacterial Activity of Three Seaweed Species Collected from Tual, Maluku</b></p> <p>Aji Nugroho<sup>a)</sup>, Rany Dwimayasanti and Masteria Yunovilsa Putra</p>	13.00 – 13.15	Hibiscus
ICBS-O-3-09	<p><b>Antihyperuricemia Activity of Ethanol Extracts of Fruits Vanilla (<i>Vanilla planifolia</i> Andrews) Toward Male <i>Mus musculus</i> L.</b></p> <p>Endang Nurcahyani<sup>a</sup>, M. Kanedi<sup>b</sup>, Sutyarso<sup>b</sup>, Novita Herliani<sup>b</sup></p>	13.15 – 13.30	Hibiscus
ICBS-O-3-10	<p><b>MTA3 Gene Expression: Potential Gene Biomarker for Epithelial Mesenchymal Transition (EMT) Study in Colorectal Cancer (CRC) Cases</b></p> <p>Melati Putri Pertiwi<sup>1</sup>, Dwi Listyorini<sup>1,3</sup>, Hendra Susanto<sup>1*</sup>, Adeodatus Yuda Handaya<sup>2</sup></p>	13.30 – 13.45	Hibiscus
ICBS-O-3-11	<p><b>Characteristic of Mosquito Breeding Sites and the Resistance Status of <i>Aedes</i> sp. Larvae in Panggungharjo and Bangunharjo Villages, Sewon subdistrict, Bantul regency, Special Region of Yogyakarta, Indonesia</b></p>	13.45 – 14.00	Hibiscus

	Soenarwan Hery Poerwanto <sup>a*</sup> , Defriana Lutfi Chusnaifah <sup>a</sup> , Dila Hening Windyaraini <sup>a</sup>		
ICBS-O-3-12	<b>Characterization of Mosquitoes Breeding Site (Diptera: Culicidae) in Bogowonto Lagoon Ecosystem, Kulonprogo Districts, Special Region of Yogyakarta, Indonesia</b> Soenarwan Hery Poerwanto <sup>a*</sup> , Sidqi Ahmad <sup>a</sup> , Giyantolin <sup>a</sup> , Dila Hening Windyaraini <sup>a</sup>	14.00 – 14.15	Hibiscus
ICBS-O-3-13	<b>Pollen Diversity as Feed Source of Stingless Bees <i>Tetragonula iridipennis</i> (Hymenoptera: Apidae) In The Forest of Biology Faculty, Universitas Gadjah Mada, Yogyakarta, Indonesia</b> Ignatius Sudaryadi <sup>1*</sup> , Sutikno <sup>2</sup> , Salma Alifah <sup>3</sup> , Affinsyah Arafiah <sup>3</sup> , Mustafid Rasyiid <sup>3</sup>	14.15 – 14.30	Hibiscus
ICBS-O-3-14	<b>Characterization of <i>Aedes</i> spp. (Diptera: Culicidae) Mosquito Breeding Sites in Endemic Areas of DHF in Yogyakarta City, Indonesia</b> Dila Hening Windyaraini <sup>1*</sup> , Fanuel Triaswanto <sup>1</sup> , Yahya Mustangin <sup>1</sup> , Titi Marsifah <sup>1</sup> , Soenarwan Hery Poerwanto <sup>1</sup>	14.30 – 14.45	Hibiscus
ICBS-O-3-15	<b>The Effects of <i>Bixa orellana</i> Seed Extract Hydrogel Patch Topical Application on the Inflammatory Cells of the Oral and Skin Diabetic Wound Healing of the Rat Model</b> A.L. Jonarta <sup>a*</sup> , R.P. Darajati <sup>b</sup> , A.A. Najibah <sup>b</sup> , A.T. Gariny <sup>b</sup> , T.W. Pangestiningih <sup>c</sup>	15.15 – 15.30	Irish
ICBS-O-3-16	<b>Histopathological Effects of Ethanolic Extract of Gaharu (<i>Aquilaria malaccensis</i> Lamk.) On Kidney's and Liver's Structure of Mice (<i>Mus musculus</i>) Infected by <i>Plasmodium berghei</i></b> Ardaning Nuriliani <sup>1</sup> , Deby Lukmawati <sup>2</sup> , Veggy Fazari Ameliya <sup>2</sup> , Luthfi Nurhidayat <sup>1*</sup>	15.30 – 15.45	Irish
ICBS-O-3-17	<b>Antioxidant Potential and Cytotoxic Assay of Ethanol Extract of <i>Gomphrena globosa</i> Flower</b> Dian Fajarwati S <sup>1</sup> , Nastiti Wijayanti <sup>2</sup>	15.45 – 16.00	Irish
ICBS-O-3-18	<b>PRP Effect on Testes of Wistar Rats Induced by D-galactose: Study on COX-2 Intratesticular and Serum Cholesterol Levels</b> Dicky Moch. Rizal <sup>1, a)</sup> , Ahmad Hamim Sadewa <sup>2</sup> , Dhinar M. Natalia <sup>3</sup>	16.00 – 16.15	Irish
ICBS-O-3-19	<b>Protective Effect of PRP Against Testicular Oxidative Stress on D-galactose Induced Male Rats</b> Dicky Moch. Rizal <sup>1, a)</sup> , Ika Puspita Sari <sup>2</sup> , Aisyara Yuliandari <sup>3</sup>	16.15 – 16.30	Irish
ICBS-O-3-20	<b>The Impact of Platelet Rich Plasma (PRP) on testes of Male Wistar Rats Induced by D-Galactose: Study on Testosterone Intratesticular Levels and Tumor Necrosis Factor-Alpha (TNF-<math>\alpha</math>) Levels</b> Dicky Moch. Rizal <sup>1, a)</sup> , Rul Afiyah Syarif <sup>2</sup> , Intania Riska Putrie <sup>3</sup>	16.30 – 16.45	Irish
ICBS-O-3-21	<b>The Effect of Photoperiod On Lipid Production of Mixed Culture <i>Arthrospira maxima</i> Setchell et Gardner and Microalgae Consortium of Glagah Isolate</b> Dita Kanti Maharani <sup>a</sup> , Ahmad Ardi <sup>a</sup> , Andi Alfi Syahrin <sup>a</sup> , Thoriq Teja Samudra <sup>b</sup> , Yano Surya Pradana <sup>c</sup> , Arief Budiman <sup>c, d, e</sup> , Eko Agus Suyono <sup>a, e*</sup>	16.45 – 17.00	Irish
ICBS-O-3-22	<b>Effectivity of Various Media for Biomass and Lipid Production Of Microalgae Consortium of Glagah in Open Pond</b> Faridatul Husna <sup>a</sup> , Betty Rachmawati <sup>a</sup> , Thoriq Teja Samudra <sup>b</sup> , Yano Surya Pradana <sup>c</sup> , Arief Budiman <sup>c, d, e</sup> , Eko Agus Suyono <sup>a, e*</sup>	17.00 – 17.15	Irish
ICBS-O-3-23	<b>The Potent of <i>Spirulina platensis</i> as anti <i>Plasmodium falciparum</i></b> Endang Ariyani Setyowati <sup>1, 2</sup> , Alim Isnansetyo <sup>3</sup> , Tjut Sugandawati S Djohan <sup>1</sup> , Raden Wisnu Nurcahyo <sup>4</sup>	15.15 – 15.30	Hibiscus

ICBS-O-3-24	<b>Free Radical Scavenging Properties of Different Marine Sponges Collected from Lombok</b> Firmansyah Karim <sup>a</sup> , Masteria Yunovilsa Putra <sup>a</sup> , Aji Nugroho <sup>a</sup> , Tri Aryono Hadi <sup>a</sup>	15.30 – 15.45	Hibiscus
ICBS-O-3-25	<b>Isolation of Bacteria <i>Lysinibacillus sphaericus</i> from Rhizosphere and Its Patogenicity Tests On <i>Culex quinquefasciatus</i> Larva</b> Hari Purwanto*, Larasati Kirana Putri	15.45 – 16.00	Hibiscus
ICBS-O-3-26	<b>Screening of Entomopathogenic Fungi from Soil Isolated Using Insect Bait And Oa+Ctab Selective Media Against Mealworm <i>Tenebrio molitor</i> L. (Coleoptera: Tenebrionidae)</b> Satrio Nurullah <sup>1</sup> Hari Purwanto <sup>2</sup>	16.00 – 16.15	Hibiscus
ICBS-O-3-27	<b>Screening of Antioxidant Activities in 21 Species Sea Cucumber in Indonesia</b> Masteria Yunovilsa Putra <sup>1</sup> ) dan Aji Nugroho	16.15 – 16.30	Hibiscus
ICBS-O-3-28	<b>The Effect of <i>Arthrospira maxima</i> Setchel et Gardner and <i>Chlorella vulgaris</i> Beijerinck on Renal Function of Hypertriglyceridemia Wistar Rats (<i>Rattus norvegicus</i> Berkenhout, 1769)</b> Dhela Aprilyandha Roshitafandi <sup>a</sup> , Mulyati <sup>a</sup> , Slamet Widiyanto <sup>a</sup>	16.30 – 16.45	Hibiscus
ICBS-O-3-29	<b>Inhibitory Activity of <i>Piper Caninum</i> Leaf Extract Against <i>Curvularia</i> Spotting Disease On Rice Plants</b> Ni Luh Suriani <sup>1*</sup> , Dewa Ngurah Suprpta <sup>2</sup> Anak.Agung, Ketut Darmadi <sup>1</sup> , Ni Made Susun Parwanayoni <sup>1</sup> , Khamdan Khalimi <sup>2</sup> , Ni Wayan Sudatri <sup>1</sup> , Ahmad Zaki B Zaini <sup>3</sup> and Bohari M Yamin <sup>4</sup>	16.45 – 17.00	Hibiscus
ICBS-O-3-30	<b>Bioprospecting of Parijoto Fruit Extract (<i>Medinilla speciosa</i>) as Immunostimulant: Phagocytosis Activity of Macrophage Cells</b> Noor Nailis Sa'adah <sup>a*</sup> , Adik Mayang Indiani <sup>b</sup> , Awik Puji Dyah Nurhayati <sup>a</sup> , Nova Maulidina Ashuri <sup>a</sup>	17.00 – 17.15	Hibiscus
ICBS-O-3-44	<b>Biomass and lipid content of microalgae consortium of Glagah and <i>Arthrospira maxima</i> in thin-layer photobioreactor</b> Novita Ella Wahyuni <sup>a</sup> , Betty Rachmawati <sup>a</sup> , Thoriq Teja Samudra <sup>b</sup> , Yano Surya Pradana <sup>c</sup> , Arief Budiman <sup>c,d,e</sup> , Eko Agus Suyono <sup>a,e,*</sup>	17.15 – 17.30	Hibiscus

**DAY 2: FRIDAY, 11 OCTOBER 2019**

ICBS-O-3-31	<b>Antioxidant Properties of <i>Gomphrena globosa</i> Leaves Extract</b> Nurlian A. Ningrum <sup>1</sup> and Nastiti Wijayanti <sup>2</sup>	10.20 – 10.35	Irish
ICBS-O-3-32	<b>Identification of Molecular Structure and Weight of Fibroin <i>Bombyx Mori</i> L. as Material in Dentistry using Fourier Transform Infrared Spectroscopy (FTIR) Analysis and Sodium Dodecyl Sulfate–Polyacrylamide Gel Electrophoresis (SDS PAGE)</b> Sartika Puspita <sup>1,2</sup> , Marsetyawan HNE Soesaty <sup>3</sup> , Siti Sunarintyas <sup>4, a)</sup> , Ema Mulyawati <sup>5</sup> , Sukirno Sukirno <sup>6</sup>	10.35 – 10.50	Irish
ICBS-O-3-33	<b>Biochemical Compounds and Cytotoxic Effects of Ethanol Extract of Solo Black Garlic (<i>Allium sativum</i> L.) against T47D Breast Cancer Cell Line</b> Slamet Widiyanto <sup>1</sup> and Winda Nurafiani <sup>1</sup>	10.50 – 11.05	Irish
ICBS-O-3-34	<b>Antioxidant Activity of Ethanolic Extract of Melon Fruit (<i>Cucumis melo</i> L.) Cultivar Gama Melon Parfum (GMP)</b> Muhammad Zulfikar <sup>1</sup> , Faiza Senja Widya Perdana <sup>2</sup> , Slamet Widiyanto <sup>3*</sup>	11.05 – 11.20	Irish
ICBS-O-3-35	<b>Effectivity of Metanol and Ethanol Extracts <i>Bandotan</i> Leaf (<i>Ageratum conyzoides</i> L) On Mortality and Growth Of <i>Culex Quinquefasciatus</i> Say Mosquito Larvae</b> Soenarwan Hery Poerwanto <sup>a*</sup> , Eky Rahayu <sup>a</sup> , Dila Hening Windyaraini <sup>a</sup>	11.20 – 11.35	Irish

ICBS-O-3-36	<b>Effication of Ethanol and Methanol Extracts of Bandotan Leaves (<i>Ageratum Conyzoides</i>) to Mortality and Growth of <i>Aedes Aegypti</i> L. Mosquito Larvae</b> Soenarwan Hery Poerwanto <sup>a*</sup> , Eky Rahayu <sup>a</sup> , Dila Hening Windyaraini <sup>a</sup>	13.00 – 13.15	Irish
ICBS-O-3-37	<b>Immunomodulatory Potency of Methanolic Extract <i>Dioscorea alata</i> L. on CD4 and CD8 Cytokine In Vitro</b> Sri Nabawiyati Nurul Makiyah <sup>1a</sup> , Sri Tasminatun <sup>2</sup> , Tri Wulandari Kesetyaningsih <sup>3</sup> , Sabtanti Hari Murti <sup>3</sup>	13.15 – 13.30	Irish
ICBS-O-3-38	<b>Mosquitoes Repellency Ability of Rutaceae Family Plants</b> Woro Anindito Sri Tunjung <sup>1)*</sup> , Dina Maulidia <sup>1)</sup> , Alfa Nadiya <sup>1)</sup> , A. Iskandar <sup>1)</sup> , Asti Fitri Widayarsi <sup>1)</sup> , Siti Subandiyah <sup>2)</sup>	13.30 – 13.45	Irish
ICBS-O-3-39	<b>Variation of 2,4-Dichlorophenoxyacetic acid (2,4-D) Concentration on Kaffir Lime Callus Growth as Raw Material for Cell Suspension</b> Frisca Damayanti <sup>(1,2)</sup> , Ari Indrianto <sup>(1)</sup> , Aries Bagus Sasongko <sup>(1)</sup> , Sudewi Fajarina <sup>(1,4)</sup> ,	13.45 – 14.00	Irish
ICBS-O-3-40	<b>Documentation of Plants as Natural Colourants by Temuan Community in Taman Negara Johor Gunung Ledang</b> Nur Adibah Hassan <sup>a</sup> , Siti Fatimah Sabran <sup>a,b</sup> , Furzani Pa'ee <sup>a,b*</sup>	14.00 – 14.15	Irish
ICBS-O-3-41	<b>Antioxidant and Cytotoxicity Activity of Different Extract of <i>Dunaliella salina</i></b> Mohamad Agus Salim <sup>1*</sup> , Yeni Yuniarti <sup>2</sup>	14.15 – 14.30	Irish
ICBS-O-3-42	<b>Anti Photoaging Activities of Polysaccharide Extract from <i>Sargassum cf. hystrix</i> on Rat's (<i>Rattus norvegicus</i>, Berkenhout 1769) Skin Tissue</b> Zuliyati Rohmah <sup>1*</sup> , B.C. Manusiwa <sup>1</sup> , B.F. Ticar <sup>2</sup> , and Lisna Hidayati <sup>3</sup>	14.30 – 14.45	Irish
ICBS-O-3-43	<b>The Effect of Handphone EMF Radiation on Survival Rate and Morphological Reproductive Organ Changes of Fruit Fly (<i>Drosophila melanogaster</i> Meigen, 1830)</b> Azizah Nur Rahmawati, Meliana Rizqiyah, and Ignatius Sudaryadi <sup>*</sup>	14.45 – 15.00	Irish
ICBS-O-3-45	<b>Detection of HLA-B 13:01 gene among Dapsone Hypersensitivity Patients of Leprosy in Papua Ethnic Group Using Sequence Based Typing and qPCR Rapid Detection</b> Hana Krismawati <sup>a*</sup> , Yustinus Maladan <sup>a</sup> , Mohamad Fajri Rohman <sup>a</sup>	15.00 – 15.15	Irish

**Topic 4. Bioinformatics and Computational Biology****DAY 1: THURSDAY, 10 OCTOBER 2019**

ICBS-O-4-01	<b>Local Rice Genetic Resource Management in AIAT Yogyakarta: Supporting Industrial Revolution 4.0</b> Setyorini Widyayanti <sup>a*</sup> , Nurul Hidayatun <sup>b</sup> , Hakim Kurniawan <sup>b</sup> , Kristantini <sup>a</sup>	13.45 – 14.00	Heliconia
ICBS-O-4-02	<b><i>In silico</i> Vaccine Design against Dengue Virus Type 2 Envelope Glycoprotein</b> Muhammad Adnan <sup>a</sup> , Matin Nuhamunada <sup>a</sup> , Lisna Hidayati <sup>a,*</sup> , and Nastiti Wijayanti	14.00 – 14.15	Heliconia

## Topic 5. Molecular Biology and Biotechnology

### DAY 1: THURSDAY, 10 OCTOBER 2019

ICBS-O-5-01	<b>The Effect of Gamma Co-60 Radiation On the Mung Bean Weevil (<i>Callosobruchus maculatus</i> Fab.) and The Quality of Mung Bean Seed (<i>Phaseolus radiatus</i> L.)</b> <i>Arum Dwi Hastuti, Ignatius Sudaryadi</i>	13.00 – 13.15	Dahlia
ICBS-O-5-02	<b>Production of fosmid libraries for establishing recombinant system of <i>Herpesvirus papio 2</i> (HVP2)</b> <i>Abdul Rahman Siregar<sup>1,2,3</sup>, Michael Winkler<sup>1</sup>, Stefan Pöhlmann<sup>1</sup></i>	13.15 – 13.30	Dahlia
ICBS-O-5-03	<b>DEVELOPMENT OF GENETICALLY ENGINEERED (GE) POTATO RESISTANT TO LATE BLIGHT DISEASE <i>Phytophthora infestans</i></b> <i>Alberta Dinar Ambarwati</i>	13.30 – 13.45	Dahlia
ICBS-O-5-04	<b>Optimization of the CTAB<sub>3</sub>-LiCl and Commercial Kit Methods in the Process of RNA Isolation and Amplification in Strawberries Fruits (<i>Fragaria</i> spp.)</b> <i>Ganies Riza Aristya*, Chalvia Zuyyina, Galang Riswi Dyatama and Nurina Tahta Afwi Maulina</i>	13.45 – 14.00	Dahlia
ICBS-O-5-05	<b>The Development of Gametophyte Sterilization Method for Liverworts <i>Acrolejeunea fertilis</i> (Reinw., Blume &amp; Nees) Schiffn in vitro Culture</b> <i>Mouleidi Dwi Putri, Windri Handayani, Astari Dwiranti, Andi Salamah, Afiatry Putrika*</i>	14.00 – 14.15	Dahlia
ICBS-O-5-06	<b><i>Sub1A</i> Gene Screening for Submergence Stress in Indonesian Local Rice Varieties</b> <i>Elhah Nailul Khasna<sup>b,*</sup>, I Kade Karisma Gita Ardana<sup>a,b</sup>, 'Ainun Sayyidah Zakiyah<sup>a,b</sup>, Choirun Nita Fikriani<sup>a,b</sup>, Nina Bunga Anggraini<sup>a,b</sup> and Dwi Listyorini<sup>a,b,c,d*</sup></i>	14.15 – 14.30	Dahlia
ICBS-O-5-07	<b>The Inheritance of Phenotype Character of Second Generation (F<sub>2</sub>) on Chicken (<i>Gallus gallus domesticus</i>, Linnaeus 1758) Derived from Crossing of Pelung and Broiler</b> <i>Rani Kilatsih<sup>a</sup> dan Budi Setiadi Daryono<sup>a</sup></i>	14.30 – 14.45	Dahlia
ICBS-O-5-08	<b>Cytotoxic Effects of Solo Black Garlic (<i>Allium sativum</i> L.) Aqueous Extract on T47D Breast Cancer Cell Line</b> <i>Farida Nurfitriani Taufiqoh<sup>1</sup>, Budi Setiadi Daryono<sup>1</sup>, Slamet Widiyanto<sup>1*</sup></i>	15.15 – 15.30	Dahlia
ICBS-O-5-09	<b>The Inheritance of Phenotype Character of Feather Color and Growth of Hybrid Chicken (<i>Gallus gallus gallus</i>, Linnaeus 1758) Derived from Crossing of F<sub>1</sub> ♀ Kamper and ♂ KAMBRO.</b> <i>Ilzam Shadik Maulidi<sup>a</sup>, Utin Elsy Puspita<sup>a</sup>, I Wayan Swarautama Mahardhika<sup>a</sup>, Budi Setiadi Daryono<sup>a</sup></i>	15.30 – 15.45	Dahlia
ICBS-O-5-10	<b>CBHA Gene Cloning from <i>Aspergillus niger</i> to The Yeast Expression Vector as a Stages to Create Cellulosic Ethanol Strain</b> <i>Arief Muammar<sup>1,*</sup>, Suci Aulia Ratu Fajrin<sup>1</sup> and Endah Retnaningrum<sup>1</sup></i>	15.45 – 16.00	Dahlia
ICBS-O-5-11	<b>Analysis of Genetic Potential in Banyuwangi Local Rice (<i>Oryza sativa</i> L.) Based on Relative Expression of <i>Homogentisate Geranylgeranyl Transferase (HGGT)</i> and <i>Granule-Bound Starch Synthase I (GBSSI)</i> Gene</b> <i>Dyati Galuh Pratita<sup>a,c*</sup>, Tita Putri Milasaria<sup>a,c</sup>, Elhah Nailul Khasna<sup>c</sup>, Sunarmi<sup>a</sup>, Evi Susanti<sup>b</sup>, Suharti<sup>b,c</sup>, Delia Wahyu Pangesti<sup>a,c</sup>, Annasa Sabatia<sup>a,c</sup>, Dwi Listyorini<sup>a,c*</sup></i>	16.00 – 16.15	Dahlia
ICBS-O-5-12	<b>Anti-Metastatic Effect of Curcumin On Triple Negative Breast Cancer</b> <i>Retno Murwanti<sup>1</sup>, Azmi Rahmadani<sup>1</sup>, Eva Kholifah, Adam Hermawan<sup>2</sup>, B S Sudarmanto<sup>2*</sup></i>	16.15 – 16.30	Dahlia
ICBS-O-5-13	<b>Curcumin Inhibit Vascular Endothelial Growth Factor (VEGF) Expression on Triple Negative Breast Cancer</b>	16.30 – 16.45	Dahlia

	Retno Murwanti <sup>1</sup> , Azmi Rahmadani <sup>1</sup> , Eva Kholifah <sup>1</sup> , Adam Hermawan <sup>2</sup> , B S Ari Sudarmanto <sup>2*</sup>		
ICBS-O-5-14	<b>Screening of Endophytic Bacteria as Biocontrol Agents Against Bacteria Leaf Blight (<i>Xanthomonas Oryzae</i>)</b> Rashidah Abd Halim <sup>a</sup> , Nor'Aishah Hasan <sup>b</sup> , Kogeethavani Ramachandran <sup>c</sup>	16.45 – 17.00	Dahlia
ICBS-O-5-15	<b>Identification of Potential Bacteria on Several Lakes in East Java Based on 16S rRNA: Potential for application of a Microbial Consortium on Co-Culture Microalgae.</b> Achmad Rodiansyah <sup>1</sup> , Ainul Fitria Mahmudah <sup>1</sup> , Mastika Marisahani Ulfah <sup>1</sup> , Uun Rohmawati <sup>1</sup> , Dwi Listyorini <sup>1</sup> , Sitoresmi Prabaningtyas <sup>1†</sup>	17.00 – 17.15	Dahlia
ICBS-O-5-16	<b>Isolation of Cerulenin-resistant Mutants of Oleaginous Yeast <i>Rhodospiridium thuruloides</i> Using UV Mutagenesis</b> Gilang Satrio <sup>1*</sup> , Takao Ohashi <sup>2</sup> , Kazuhito Fujiyama <sup>2</sup>	17.15 – 17.30	Dahlia
ICBS-O-5-36	<b>Antagonistic activity of fungal endophytes isolated from <i>Garcinia atroviridis</i> against <i>Colletotrichum gloeosporioides</i></b> Nur Afeeqah Binti Mohamed Zanudin <sup>a</sup> , Nor'Aishah Binti Hasan <sup>a*</sup> and Patahayah Binti Mansor <sup>b</sup>	17.30 – 17.45	Dahlia
ICBS-O-5-43	<b>Molecular Analysis: Moving forward from RAPD Based Analysis to Sequencing Method on Captive Sumatran Elephant Diversity in Elephant Training Center, Way Kambas National Park</b> Eko A. Srihanto <sup>1</sup> , Elly L. Rustiati <sup>2*</sup> , Priyambodo <sup>2</sup> , Yanti Yulianti <sup>2</sup> , Elsa Virnarenata <sup>2</sup> , Dian N. Pratiwi <sup>2</sup> , Tika Novianasari <sup>2</sup> , and Liza Angeliya <sup>1</sup>	17.45 – 18.00	Dahlia

## DAY 2: FRIDAY, 11 OCTOBER 2019

ICBS-O-5-17	<b>Agrobacterium-mediated Transformation Facilitates The CRISPR/Cas9 Genome Editing System in <i>Dendrobium macrophyllum</i> A. Rich Orchid</b> Yuli Setiawati <sup>1</sup> , Aziz Purwantoro <sup>2</sup> , Jaka Widada <sup>2</sup> , Aries B. Sasongko <sup>1</sup> , Muhammad D. Lawrie <sup>1</sup> , Sri Nopitasari <sup>1</sup> , Kana Ninomiya <sup>4</sup> , Yuki Asano <sup>3</sup> , Shogo Matsumoto <sup>4</sup> , and Yasushi Yoshioka <sup>3</sup> , Endang Semiarti <sup>1,*</sup>	10.20 – 10.35	Hibiscus
ICBS-O-5-18	<b>In Vitro Selection <i>Phalaenopsis amabilis</i> (L.) Bl. Plantlets Result of Induced Resistance with Fusaric Acid</b> Endang Nurcahyani <sup>a,*</sup> , Sumardi <sup>a</sup> , Hardoko Insan Qudus <sup>b</sup> , Sri Wahyuningsih <sup>a</sup> , Sholekhah <sup>a</sup> , Asma Palupi <sup>a</sup>	10.35 – 10.50	Hibiscus
ICBS-O-5-19	<b>Screening for Fragrance Rice Based on <i>BADH2</i> Gene</b> Siti Afiyatus Sholihah <sup>1,3*</sup> , Elhah Nailul Khasna <sup>3</sup> , Nur Diniyah <sup>1,3</sup> , Dwi Listyorini <sup>1,3,4,5,*</sup> , Suharti <sup>2,3,4,5</sup>	10.50 – 11.05	Hibiscus
ICBS-O-5-20	<b>Utilization of Coconut Shell Charcoal and Hay Ashes for <i>Bacillus thuringiensis</i> Protectants Against Ultraviolet B for Controlling <i>Spodoptera litura</i> Fab.</b> Sukirno <sup>1*</sup> , S. Sumarmi <sup>1</sup> , Wisnu T.A. <sup>2</sup> , Dyon I.P.W.P. <sup>2</sup> , Hari P. <sup>1</sup> , I. Sudaryadi <sup>1</sup> , Suparmin <sup>1</sup> , RC Hidayat S <sup>1</sup> .	11.05 – 11.20	Hibiscus
ICBS-O-5-21	<b>Biostimulation on the Laboratory Scale Remediation of Soil Contaminated Hydrocarbon by Bacterial Consortium</b> Ade Sumiardi <sup>1, a)</sup> , Endang Sutariningsih Soetarto <sup>2</sup> and Dwi Susilaningsih <sup>3</sup>	10.20 – 10.35	Dahlia
ICBS-O-5-22	<b>Identification of <i>OsDREB2A</i> Gene Polymorphism in Salinity Tolerant Local Rice Varieties from Banten</b> 'Ainun S. Zakiyah <sup>a,c*</sup> , Elhah N. Khasna <sup>c</sup> , I Kade K.G. Ardana <sup>a,c</sup> , Choirun Nita Fikriani <sup>a,c</sup> , Nina B. Anggraini <sup>a,c</sup> , Dwita Novitasari <sup>a,c</sup> , Dwi Listyorini <sup>a,c,d,e*</sup> , Suharti <sup>b,c,d,e</sup>	10.35 – 10.50	Dahlia

ICBS-O-5-23	<b>The Expression of <i>AtRKD4</i> Transgene during Induction of Somatic Embryogenesis in Transgenic <i>Dendrobium phalaenopsis</i> Orchid Carrying 35S::GR::<i>AtRKD4</i></b> Zulwanis <sup>a</sup> , Nintya Setiari <sup>b</sup> , Jose Gutierrez-Marcos <sup>c</sup> , Endang Semiarti <sup>a*</sup>	10.50 – 11.05	Dahlia
ICBS-O-5-24	<b>Development of an Agrobacterium-delivered CRISPR/Cas9 for <i>Phalaenopsis amabilis</i> (L.) Blume genome editing system</b> Sri Nopitasari <sup>a</sup> , Endang Semiarti <sup>a</sup> , Yuli Setiawati <sup>a</sup> , Muhammad D. Lawrie <sup>a</sup> , Aziz Purwatoro <sup>b</sup> , Jaka Widada <sup>b</sup> , Aries B. Sasongko <sup>a</sup> , Yasushi Yoshioka <sup>c</sup> , Shogo Matsumoto <sup>d</sup> , Shungo Otagaki <sup>d</sup> , Masaki Ito <sup>d</sup> , Kana Ninomiya <sup>d</sup> , Yuki Asano <sup>c</sup>	11.05 – 11.20	Dahlia
ICBS-O-5-25	<b>Effect of Addition Glycerol and Chitosan to The Characteristics of Edible Film from Green Tea Kombucha (<i>Camellia sinensis</i> L.)</b> Ade Kartika Apriliani <sup>a*</sup> , Anggita Rahmi Hafsari <sup>a</sup> , Yani Suryani <sup>a</sup>	13.00 – 13.15	Hibiscus
ICBS-O-5-26	<b>The Development of in Vitro Culture Sterilization Method of Gametophyte Explant <i>Lopholejeunea</i> sp.</b> Anna Widyastuti, Afiatry Putrika, Astari Dwiranti, Andi Salamah, Windri Handayani <sup>*</sup>	13.15 – 13.30	Hibiscus
ICBS-O-5-27	<b>Determination of Developmental Stages of Eggplant Microspore (<i>Solanum melongena</i>. L) for Induction of Microspore Embryogenesis</b> Devi Bunga Pagalla <sup>1</sup> , Ari Indrianto <sup>1,a</sup> , Endang Semiarti <sup>1</sup> , Maryani <sup>1</sup>	13.30 – 13.45	Hibiscus
ICBS-O-5-28	<b>Transformation and Expression of Gen Beta Glucosidase from <i>Thermotoga neapolitana</i> to <i>Pichia pastoris</i></b> Dian Fairuza, Asrul Muhammad Fuad, Abinawanto	13.45 – 14.00	Hibiscus
ICBS-O-5-29	<b>Genetic Variation Analysis Of Melon (<i>Cucumis melo</i> L. 'Tacapa Gold') Using Inter-Simple Sequence Repeat</b> Budi Setiadi Daryono <sup>1a)</sup> , Fadilla Husnun <sup>1</sup> , Dian Sartika <sup>1</sup>	14.00 – 14.15	Hibiscus
ICBS-O-5-30	<b>Isolation and Characterisation of Putative Embryo Gene <i>DIRKD4</i> from Indonesian Orchid <i>Dendrobium lineale</i> Rolfe</b> Endang Semiarti <sup>a)</sup> , Windi Mose, and Anastasia Wahyu Widayati	14.15 – 14.30	Hibiscus
ICBS-O-5-31	<b>Potential use of <i>Saccharomyces cerevisiae</i> TKPK 10.5.1 isolated from fermented food for ethanol production using various sugar sources</b> Eny Ida Riyanti, Rafika Yuniawati, Edy Listanto, Mastur	14.30 – 14.45	Hibiscus
ICBS-O-5-32	<b>Inhibition of Metastasis On 4T1 Breast Cancer Cell By Curcumin Analog Pentagamavunon-0</b> Eva Kholifah	14.45 – 15.00	Hibiscus
ICBS-O-5-33	<b>Screening of Heavy Metal Hyperaccumulator Plants of Gajahwong River Side Based on Metal Transporter Gene Expression</b> Jumailatus Solihah <sup>1</sup> , Maizer Said Nahdi <sup>2</sup> , Anti Damayanti Hamdani <sup>3</sup>	15.00 – 15.15	Hibiscus
ICBS-O-5-34	<b>Application of Micro-Satellite Markers as Marker Assisted Selection (MAS) in the F3 Generation Results Crosses of Black Rice and White Rice</b> Kristamtini <sup>1*</sup> , Taryono <sup>2</sup> , Panjisakti Basunanda <sup>2</sup> , dan Rudi Hari Murti <sup>2</sup>	13.00 – 13.15	Dahlia
ICBS-O-5-35	<b>The Comparison of Coconut Oil Making with Enzyman Assistance from Animal and Plant</b> Lianah <sup>1</sup> , Malikhah Hidayah <sup>2</sup>	13.15 – 13.30	Dahlia
ICBS-O-5-37	<b>The Effect of Probiotic Marolis™ on Haematological profile, Creatinine and SGPT levels of Broiler Chickens (<i>Gallus gallus domesticus</i> Linnaeus, 1758)</b> Maria Ervina Masu <sup>1</sup> , Nisrina Nadhifah <sup>1</sup> , Mulyati Sarto <sup>1</sup> , Rahadian Yudo Hartanto <sup>1</sup> , Anik Trihastuti <sup>2</sup> , Slamet Widiyanto <sup>1</sup>	13.45 – 14.00	Dahlia
ICBS-O-5-38	<b>Indigenous Copper Resistant Bacteria Isolated from Activated Sludge of Water Treatment Plant in Surabaya</b> Wahyu Irawati	14.00 – 14.15	Dahlia



ICBS-O-5-39	<b>Phenotypical Characters and Biochemical Compound of Cucurbitacin Melon (<i>Cucumis melo</i> L. 'Gama Melon Parfum') Resulted from Breeding</b> Avia Purnama Saputri <sup>1</sup> , Wiko Arif Wibowo <sup>2</sup> , Budi Setiadi Daryono <sup>3*</sup>	14.15 – 14.30	Dahlia
ICBS-O-5-40	<b>Formulation of Alginate Beads to Encapsulated Kaffir Lime Callus Beni Hendro Prabowo<sup>(a, b)</sup>, Frisca Damayanti<sup>(a, c)</sup>, Sudewi Fajarina<sup>(a, d)</sup>, Ari Indrianto<sup>(e)</sup>, Aries B. Sasongko<sup>(e)</sup>, Woro A. Sri Tunjung<sup>(f)*</sup></b>	14.30 – 14.45	Dahlia
ICBS-O-5-41	<b>An Application of CRISPR/Cas9 Genome Editing System for Molecular Breeding of Orchids</b> Yasushi Yoshioka <sup>a, *</sup> , Kana Ninomiya <sup>b</sup> , Yuki Asano <sup>a</sup> , Endang Semiarti <sup>c</sup> , Aziz Purwanto <sup>d</sup> , Jaka Widada <sup>d</sup> , Aries Bagus Sasongko <sup>c</sup> , Muhammad Dylan Lawrie <sup>c</sup> , Sri Nopitasari <sup>c</sup> , Yuli Setiawati <sup>c</sup> , Shogo Matsumoto <sup>b</sup>	14.45 – 15.00	Dahlia
ICBS-O-5-42	<b>Induction of Dna Fragmentation by Chloroform Extract of Agarwood (<i>Gyrinops versteegii</i> (Gilg.) Domke AND <i>Aquilaria malaccensis</i> Lamk.) On Breast Cancer T47d Cell Lines</b> Nur Ahmad Rudin <sup>1, b)</sup> , Lisna Hidayati <sup>2, a)</sup> , and Tri Rini Nuringtyas <sup>2</sup>	15.00 – 15.15	Dahlia

## Topic 6. Bio-nanotechnology and Bio-material

### DAY 1: THURSDAY, 10 OCTOBER 2019

ICBS-O-6-01	<b>Biocompatibility of Human Mesenchymal Stem Cells Induced by Indirubin on Biomaterial-based Scaffold</b> Angraini Barlian <sup>a,*</sup> , Ekavianty Prajatelista <sup>b,#</sup> , <u>Nathalie Eileen Wiguna<sup>a</sup></u>	13.00 – 13.15	Heliconia
ICBS-O-6-02	<b>Screening of Fungi from Spent Mushroom for Decolorizing and Heavy Metal Removing of Batik Effluent and Its Initial Toxicity Test</b> <u>Ratna Stia Dewi, Hana</u>	13.15 – 13.30	Heliconia
ICBS-O-6-03	<b>Biocatalysts Characters of Novel Bacteria from Crude Oil-Contaminated River</b> <u>Endah Retnaningrum<sup>a,*</sup>, Mochamad Fathi Rizqullah<sup>b</sup>, Wahyu Wilopo<sup>c</sup></u>	13.30 – 13.45	Heliconia
ICBS-O-6-04	<b>A Study of Silk Fibroin/Poly-Lactic Acid Scaffold with Salt Leaching Method for Tissue Engineering</b> <u>Ekavianty Prajatelista<sup>a,*</sup>, Angraini Barlian<sup>b,#</sup>, Regina Leny<sup>a</sup></u>	15.15 – 15.30	Heliconia
ICBS-O-6-05	<b>Optimization Extracellular Lipase Activity from <i>Moraxella</i> sp SBE01 for Hydrocarbons Nanoremediation</b> <u>Siti Soleha<sup>a</sup>, Endah Retnaningrum<sup>b,*</sup></u>	15.30 – 15.45	Heliconia
ICBS-O-6-06	<b>Characterization of Biosurfactant Production by <i>Klebsiella variicola</i> BF1 for Hydrocarbon Degradation Enhancement</b> <u>Annisaa Widyasari<sup>1</sup>, Wahyu Wilopo<sup>2</sup>, and Endah Retnaningrum<sup>3*</sup></u>	15.45 – 16.00	Heliconia
ICBS-O-6-07	<b>The Effect of Addition Chitosan and Palm Fiber to the Characteristics of Biodegradable Foam from Avocado Seed Starch (<i>Persea americana</i> Mill.)</b> <u>Farhan Fauzan<sup>*</sup>, Anggita Rahmi Hafsari, Isma Dwi Kurniawan</u>	16.00 – 16.15	Heliconia
ICBS-O-6-08	<b>The Controlled Size of Silver Nanoparticles Biosynthesis Using <i>Diospyros discolor</i> Willd Fruit. (Bisbul) for The Reducing Agent</b> <u>Intan Nolia<sup>1</sup>, Halwa Zukhrufa<sup>1</sup>, <u>Windri Handayani<sup>1,*</sup></u>, Cuk Imawan<sup>2</sup>.</u>	16.15 – 16.30	Heliconia

**Topic 7. System and Synthetic Biology and Bioengineering**

**DAY 2: FRIDAY, 11 OCTOBER 2019**

<p><b>ICBS-O-7-01</b></p>	<p><b>The Effect of Light Intensity On Growth and Lipid Content of Mixed Culture from Microalgae Consortium of Glagah Isolate and <i>Arthrospira maxima</i> (Setchell et Gardner)</b> Ika Pratiwi<sup>a</sup>, Betty Rachmawati<sup>a</sup>, Thoriq Teja Samudra<sup>b</sup>, Yano Surya Pradana<sup>c</sup>, Arief Budiman<sup>c, d, e</sup>, Eko Agus Suyono<sup>a, e*</sup></p>	<p>11.05 – 11.20</p>	<p>Heliconia</p>
<p><b>ICBS-O-7-02</b></p>	<p><b>Biomass productivity and lipid content comparison between natural mixed culture consortia and artificial mixed culture</b> Fitria Cahyani<sup>a</sup>, Ahmad Ardi<sup>a</sup>, Andi Alfi Syahrin<sup>a</sup>, Thoriq Teja Samudra<sup>b</sup>, Arief Budiman<sup>c, d, e</sup>, Eko Agus Suyono<sup>a, e*</sup></p>	<p>11.20 – 11.35</p>	<p>Heliconia</p>

## Topic 8. Bio-Economy

### DAY 2: FRIDAY, 10 OCTOBER 2019

ICBS-O-8-01	<b>Acoustic Interruption on the Imago of Brown Planthopper and the Number of Offspring Produced</b> <u>Ahmad Ibnu Fattah An Nawawi</u> <sup>1</sup> , <u>Suputa</u> <sup>1*</sup> , and <u>Susilo Hadi</u> <sup>2*</sup>	10.20 – 10.35	Heliconia
ICBS-O-8-02	<b>The Effect of Garlic Addition (<i>Allium sativum</i> L.) to Moringa (<i>Moringa oleifera</i> L.) Noodles as Preservative and Consumer Acceptance</b> <u>Sopi Vika Aulia</u> <sup>*</sup> and <u>Y.M. Lauda Feroniasanti</u>	10.35 – 10.50	Heliconia
ICBS-O-8-03	<b>Financial Analysis Inancial Analysis of Biogas Production of Semipilot Scale by Addition of <i>Saccharomyces cerevisiae</i> and Feses of Dairy Cow on Organic Waste</b> <u>Tami Rahma Lestari</u> <sup>1*</sup> , <u>AB Susanto</u> <sup>2</sup> , <u>Gemilang Lara Utama</u> <sup>3</sup> , and <u>Hendar Rubedo</u> <sup>4</sup>	10.50 – 11.05	Heliconia
ICBS-O-8-04	<b>Utilization of Chayote (<i>Sechium edule</i> (Jacq.) Sw.) and Cilembu Sweet Potato (<i>Ipomoea batatas</i> (L.) Lam. var. <i>cilembu</i>) as the Main Ingredient in the Making of Jam</b> <u>Puspa Nurmalasari</u> <sup>*</sup> and <u>Puspita Ratna Susilawati</u> <sup>*</sup>	13.00 – 13.15	Heliconia
ICBS-O-8-05	<b>Growth and Reproduction of Black Soldier Fly (<i>Hermetia illucens</i>) Fed on Combination of Organic Wastes – Application and Impact to Bioconversion Industry</b> <u>Ramadhani Eka Putra</u> <sup>1*</sup> , <u>Ida Kinasih</u> <sup>2</sup> , <u>Syifa Afiyati</u> <sup>2</sup>	13.15 – 13.30	Heliconia
ICBS-O-8-06	<b>The Effect of Phenolics in Agarwood Formatio of <i>Gyrinops versteegii</i> Tree Induced with <i>Fusarium</i> sp.</b> <u>Rawana</u> <sup>1,2</sup>	13.30 – 13.45	Heliconia
ICBS-O-8-07	<b>Plant Composition on Coastal Home Garden in Parangkusumo Yogyakarta</b> <u>Atus Syahbudin</u> <sup>*</sup> , <u>Ramadhani Febby L.</u> , <u>Fradika Prasetyo</u> , <u>Andi Nugroho</u>	13.45 – 14.00	Heliconia
ICBS-O-8-08	<b>Edible Coating Synthesis Based On Microalgal Extracellular Polymeric Substances in Shelf-Life Extension of <i>Fragaria</i> spp.</b> <u>Renata Adaranyssa Egistha Putri</u> <sup>1</sup> , <u>Ni Made Sri Winasti</u> <sup>1</sup> , <u>Muhammad Toha Tulus Dharmawan</u> <sup>2</sup> , <u>Eko Agus Suyono</u> <sup>1</sup>	14.00 – 14.15	Heliconia