

PROGRAMME

THE VENUE

Universitas Esa Unggul
 Jalan Arjuna Utara No.9
 West Jakarta, 11510
 Phone: 021-5672443(Ext. 205)
 Website: <https://ic-biolis.org/>

INTERNATIONAL CONFERENCE SCHEDULE (Day 1: Tuesday, 8th October)

The International Conference will be located on Kemala Ballroom, Esa Unggul University and will open as follow:

NO	TIME	DETAILS
Opening		
1	08.00 - 09.00	Registration
2	09.00 - 09.05	Sing National Anthem "Indonesia Raya"
3	09.05 - 09.10	Traditional Dance by UKM Tari Tradisional Esa Unggul
4	09.10 - 09.20	Welcome Remark by the Chair of IC-BIOLIS 2019 Dr. Radisti Ayu Praptiwi
5	09.20 - 09.25	Welcome Remark from the Dean of the Faculty of Health Sciences of Universitas Esa Unggul Dr. Aprilita Rina Yanti Eff, M.Biomed., Apt.
6	09.25 - 09.30	Welcome Remark from Head of IPSBI (Indonesian Biotechnology Program Association) Dr.rer.nat. Maria Goretti M. Purwanto, S.Si., M.Sc.
7	09.30 - 09.40	Welcome Remarks, Opening Ceremony and Sign MoU with MABBI Association by the Rector of Universitas Esa Unggul Dr. Ir. Arief Kusuma, Among Praja, MBA
8	09.40 - 10.10	Keynote Speech by Director General of Strengthening for Research and Development, Ministry of Research, Technology and Higher Education, Indonesia Dr. Muhammad Dimiyati
9	10.10 - 10.40	Photo Session and Coffee Break

1 st Session Panel			
No.	Time	Details	Page
10	10.40 - 11.00	<i>Indonesia from Nanotechnology Perspective: A New Way to Look at The Future of Our Bioresources</i> Prof. Dr. Nurul Taufiqu Rochman Indonesian Institute of Sciences (LIPI)	2
11	11.00 - 11.30	<i>The Cyanobacterial Treasure Chest: High value bioactive compounds</i> Professor Linda A Lawton Robert Gordon University	3
12	11.30 - 12.00	Q&A Session	
13	12.00 - 13.00	Break, Lunch and Pray	

2 nd Session Panel			
No.	Time	Details	Page
14	13.00 - 13.30	<i>Antibiofilm and Bacteriophage : Their role in Inhibiting Food-Borne Pathogens</i> Prof. Dr. Diana E Waturangi, Celosia Lukman, Christopher Yonathan, Dea Delicia, & Marco Wijaya Atma Jaya Catholic University	4
15	13.30 - 14.00	<i>Structure-aided design of calcium-dependent protein kinase inhibitors for selective treatment of infectious Apicomplexan parasitic diseases.</i> Kayode K. Ojo & Wesley C. Van Voorhis University of Washington	5
16	14.00 - 14.30	<i>Natural History Research on Biodiversity using Molecular Biology and Genomics Approaches</i> Assoc. Prof. Davin H. E. Setiamarga, Ph.D Wakayama College	6
17	14.30 - 15.00	Q&A Session	
18	15.00 - 15.30	Coffee Break	

3 rd Session Panel			
No.	Time	Details	Page
19	15.30 - 16.00	<i>Bioinformatics: The Central Hub to the CRISPR era</i> Riza-Arief Putranto, PhD Indonesian Research Institute of Biotechnology and Bioindustry	7
20	16.00 - 16.30	<i>Elucidating Shared Sequences between Viral and Human Proteomes</i> Stephen Among James, Hui San Ong, Ranjeev Hari, & Asif M. Khan Perdana University	8
21	16.30 - 17.00	Q&A Session	
Closing			
22	17.00 - end	Closing and Photo Session	

INTERNATIONAL CONFERENCE SCHEDULE (Day 2: Wednesday, 9th October)

The Oral Presentations opens at Aula Kemala for registration at 08:00 – 09:00 and will be located on the 2nd floor of Building E, Esa Unggul University and will open as follow:

CONFERENCE ROOM 1			
No.	Time	Details	Page
1-01	09.00-09.10	<i>Bioinformatics Analyses of Endo-1,4-beta-xylanase from Bacillus sp. SS3.4</i> Dikson and Reinhard Pinontoan* Biology Department, Universitas Pelita Harapan, Tangerang. Tel.021-5460901	9
1-02	09.10-09.20	<i>The evolution study of 6-cysteine family member protein of Plasmodium sp. as a potential drug candidate against malaria infection</i> Kevin Nathanael Ramanto¹, Rizky Nurdiansyah^{1*}, and Priscilla Jessica² ¹ Departement of Bioinformatics, School of Life Science, Indonesia International Institute For Life Sciences, Jakarta, Indonesia ² Departement of Biotechnology, School of Life Science, Indonesia International Institute For Life Sciences, Jakarta, Indonesia	10

1-03	09.20-09.30	<p><i>Computational design of ancestral and consensus Asian dengue envelope protein for vaccine candidate</i></p> <p>Rahmat Azhari Kemal^{1*}, Jeremias Ivan², Eric Bernardus Lili Sandjaja³, Audi Putra Santosa³</p> <p>¹Department of Medical Biology, Faculty of Medicine, Universitas Riau, Pekanbaru, Indonesia</p> <p>²Department of BioInformatics, School of Life Sciences, Indonesia International Institute for Life Sciences. Pulomas Barat Kav. 88, Jakarta, Indonesia</p> <p>³Department of BioTechnology, School of Life Sciences, Indonesia International Institute for Life Sciences. Pulomas Barat Kav. 88, Jakarta, Indonesia</p>	11
1-04	09.30-09.40	<p><i>Primer design for Isolation of Sucrose:Sucrose 1-Fructosyltransferase (1-SST) Gene from Gembili (<i>Dioscorea esculenta</i>)</i></p> <p>Gili Heriawan¹, Dellamartha Anjani¹, Putu Virginia Partha Devanthi¹, Rahmat Azhari Kemal², Priscilla Jessica^{1*}</p> <p>¹Department of BioTechnology, School of Life Science, Indonesia International Institute for Life Sciences, Jalan Pulomas Barat Kav. 88, Kayu Putih, Pulo Gadung, Jakarta Timur</p> <p>² Department of Medical Biology, Faculty of Medicine, Universitas Riau, Jl Diponegoro no. 1, Pekanbaru, Riau, 28133</p>	12
09.40-09.50		Q&A Session	
09.50-10.05		Coffee Break	
1-05	10.05-10.15	<p><i>Identification of Gut Microbiota as Indicator for Diabetes Mellitus Type 2 on Papua Tribe with NGS Analysis</i></p> <p>Rini Puspitaningrum^{1*}, Gusti Dey Junihadi^{2*}, Nuroh Najmi³, Azzahra Humairrah⁴, Zahra Muthmainnah⁵</p> <p>¹ Department of Biology, Faculty of Mathematics and Natural Science, Universitas Negeri Jakarta, Rawamangun Jakarta Timur 021-4894909</p> <p>² School of Life Science and Technology, Institut Teknologi Bandung 022-2511575</p> <p>³ Medical Laboratory Technology, STIKes Kesetiakawanan Sosial Indonesia, Cengkareng Jakarta Barat 021-58354779</p> <p>⁴ Department of Human Medicine, Justus Liebig University Giessen, Ludwigstraße 23, 35390 Gießen, Germany</p> <p>⁵ Department of Biology Education, Faculty of Mathematics and Natural Science, Universitas Negeri Jakarta, Rawamangun Jakarta Timur 021-4894909</p>	13

1-06	10.15-10.25	<p><i>Detection of cryIII gene in Bacillus thuringiensis Local Isolate Using Polymerase Chain Reaction (PCR)</i></p> <p>Febriana Dwi Wahyuni, Cindy Fransisca, Seprianto, Henny Saraswati*</p> <p>Biotechnology Department, Faculty of Health Sciences, Universitas Esa Unggul Jl. Arjuna Utara No.9, Kebon Jeruk, Jakarta Barat 11510</p>	14
1-07	10.25-10.35	<p><i>Difference expression of constitutive and inducible heat shock protein 70 (HSP70) and heat shock protein 90 (HSP90) in milkfish (Chanos chanos) under osmotic stress</i></p> <p>Khotibul Umam^{1,*}, Cheng-Hao Tang^{2,3}, Tsung-Han Lee¹</p> <p>¹ Department of Biotechnology, Sumbawa University of Technology, Indonesia ² Institute of Marine Biology, National Dong Hwa University, Taiwan ³ National Museum of Marine Biology and Aquarium, Taiwan</p>	15
1-08	10.35-10.45	<p><i>Investigating the Characteristics and Evolution of Apical Membrane Antigen 1 (AMA1) of Plasmodium sp. using Phylogenetic Approach in Searching for Drug Candidate</i></p> <p>Rizky Nurdiansyah^{1,*}, Kevin Nathanael Ramanto¹, Priscilla Jessica²</p> <p>¹Department of Bioinformatics, School of Life Sciences, Indonesia International Institute for Life Sciences, Jakarta, Indonesia ²Department of Biotechnology, School of Life Sciences, Indonesia International Institute for Life Sciences, Jakarta, Indonesia</p>	16
10.45-10.55		Q&A Session	
1-09	10.55-11.05	<p><i>Metabolite Identification from Biodegradation of Congo Red by Pichia sp.</i></p> <p>Hans Victor¹, Vincent Ganda¹, Bambang Kiranadi¹, and Reinhard Pinontoan^{1,*}</p> <p>¹Biology Department, Universitas Pelita Harapan, Tangerang. Tel. +6221-546090¹</p>	17
1-10	11.05-11.15	<p><i>Morphogenesis In Vitro Flower Pedicel of Lilium longiflorum</i></p> <p>Ni Kadek Dwipayani Lestari^{1,*}, Ni Wayan Deswiniyanti¹, Ida Ayu Astarini², Luh Made Arpiwi²</p> <p>¹Program Studi Biologi, FIKST, Universitas Dhyana Pura, Dalung, Badung 80361 ²Jurusan Biologi, FMIPA, Universitas Udayana University, Bukit Jimbaran, Badung 80361</p>	18
1-11	11.15-11.25	<p><i>Evaluation of Ethyl Acetate Extract of Avicennia Marina Leaves As Anticancer Drug Potential</i></p> <p>Immanuel Billy Tanjung¹, Norma Nur Azizah², Ade Arsianti², Kholis A. Audah^{1,*}</p>	19

		<p>¹Swiss German University, The Prominence Office Tower Jl. Jalur Sutera Barat No.15, Tangerang Banten, telp. (021) 2977 9596</p> <p>²Drug Development Research Center IMERI Fakultas Kedokteran Universitas Indonesia, Jalan Salemba Raya No.6 Jakarta Pusat, telp. (021) 29189160 ext. 201153</p>	
1-12	11.25-11.35	<p><i>Specific Primer for Bcl-2-Protein Expression Analysis in Human Samples</i></p> <p>Dessy Nurul Jannah Patty¹, Tazkia Ayu Safitri¹, Henny Saraswati^{1*}</p> <p>¹Biotechnology Department, Faculty of Health Sciences, Universitas Esa Unggul Jl. Arjuna Utara No.9, Kebon Jeruk, Jakarta Barat 11510</p>	20
	11.35-11.45	Q&A Session	
	11.45-13.00	Lunch	
	13.00-14.00	Closing Ceremony	

CONFERENCE ROOM 2			
No.	Time	Details	Page
2-01	09.00-09.10	<p><i>Profile of SCFA producing Bacteria in women with Functional Constipation</i></p> <p>Pratiwi Dyah Kusumo^{1,2}, Ingrid S Surono³, Abdullah Murdani⁴, Amin Soebandrio^{5*}</p> <p>1. Biodemic doctoral, Medical Faculty, University of Indonesia, Salemba Jakarta 10440.</p> <p>2. Biomedic Department, Medical Faculty, Universitas Kristen Indonesia, Cawang Jakarta 13630 Ph.+6281385524501</p> <p>3. Food Technology Department, Binus University, Tangerang 15143</p> <p>4. Gastroenterology Department, University of Indonesia, Salemba, Jakarta 10440</p> <p>5. Eijkman Biology Molecular Institute, Jakarta 10440</p>	21
2-02	09.10-09.20	<p><i>Overexpression of Glutamate transporter (GltP and GltT) Increase Resistance Towards Carbonyl Cyanide m-Chlorophenyl Hydrazone in Bacillus subtilis 168</i></p> <p>Yogiara¹, Reni Marsela²</p> <p>¹Magister in Biotechnology Program, Faculty of Biotechnology, Atma Jaya Catholic University of Indonesia, Jalan Raya Cisauk No.10, Sampora, BSD City, Cisauk, Banten 15345</p> <p>²Department of Biology, Faculty of Biotechnology, Atma Jaya Catholic University of Indonesia, Jalan Raya Cisauk No.10, Sampora, BSD City, Cisauk, Banten 15345</p>	22

2-03	09.20-09.30	<p><i>Standarization of Kerokot (<i>Lygodium microphyllum</i>) leaves extract</i></p> <p>Hadi Kuncoro*, Riski Debbi Ariani, Erwin Samsul, M. Arifuddin, and Fajar Prasetya</p> <p>Laboratorium Penelitian Dan Pengembangan Kefarmasian Farmaka Tropis, Fakultas Farmasi, Universitas Mulawarman, Samarinda, Kalimantan Timur, Indonesia 75119</p>	23
2-04	09.30-09.40	<p><i>Isolation and screening of microbial isolates from Kombucha culture for bacterial cellulose production in sugarcane molasses medium</i></p> <p>Katherine¹, Arnaud Briot², Putu Virgina Partha Devanthi¹</p> <p>¹Indonesia International Institute for Life Sciences, Jl. Pulomas Barat Kav.88, Jakarta Timur</p> <p>Polytechnic School of Nantes University, Bioprocess & Process Engineering, Rue Christian Pauc, 44300 Nantes, France</p>	24
09.40-09.50		Q&A Session	
09.50-10.05		Coffee Break	
2-05	10.05-10.15	<p><i>Interactions of <i>Tetragenococcus halophilus</i> and <i>Zygosaccharomyces rouxii</i> In Low-salt Soy Sauce</i></p> <p>Putu Virgina Partha Devanthi*, Muhammad Novianto Bayu Saputro, Rayyane Mazaya Syifa Insani</p> <p>Indonesia International Institute for Life Sciences Jl. Pulomas Barat Kav.88, Jakarta Timur, Phone: (021) 29567888</p>	25
2-06	10.15-10.25	<p><i>Enhancement of IAA Production from <i>Rhizobium pusense</i> Through Addition of Tryptophan Precursors from Sheep Manure and Electrical Volatge Induction</i></p> <p>Dian Latifa</p> <p>Institut Teknologi Bandung Jl. Ganesha No.10, Lb. Siliwangi, Kecamatan Coblong, Kota Bandung, Jawa Barat 40132</p>	26
2-07	10.25-10.35	<p><i>Potential of Soil Bacteria for Suppressive Soil Induction Against <i>Fusarium oxysporum f.sp. Cubense</i></i></p> <p>Sandy Ahmad Herdiansyah¹, Adi Pancoro¹, Yunus Effendi^{2*}</p> <p>¹School of Life Science and Technology, Institut Teknologi Bandung, Jl. Ganesha No. 10, Bandung 40132, West Java, Indonesia</p> <p>²Department of Biology, Universitas Al Azhar Indonesia, Jl. Sisingamangaraja No.2, Jakarta Selatan 12110, Jakarta, Indonesia</p>	27
2-08	10.35-10.45	<p><i>How Degradable are Biodegradable Plastics? A Microbiological Perspective</i></p> <p>Watumesa Agustina Tan^{1*}, Herodion Saveleo¹, Noryawati Mulyono¹</p>	28

		¹ Faculty of Biotechnology, Atma Jaya Catholic University of Indonesia, BSD Campus, Jalan Raya Cisauk, Lapan no. 10, Tangerang Selatan, Banten	
10.45-10.55		Q&A Session	
2-09	10.55-11.05	<p><i>In Vitro Propagation Tuber of Lilium longiflorum With Plant Regulator Hormone NAA and BAP</i></p> <p>Ni Wayan Deswiniyanti^{1*}, Ni Kadek Dwipayani Lestari¹, Ida Ayu Astarini², Luh Made Arpiwi²</p> <p>¹Program Studi Biologi, FIKST, Universitas Dhyana Pura, Dalung, Badung 80361</p> <p>²Jurusan Biologi, FMIPA, Universitas Udayana University, Bukit Jimbaran, Badung 803611</p>	29
2-10	11.05-11.15	<p><i>The Optimization of Incubation Temperature to Express HIV Protease Gen in Eschericia coli BL21 (DE3) For Developing Anti HIV Drug Selection System</i></p> <p>Wirdullutfi</p> <p>Biotechnology Graduate Program, institut teknologi bandung, Jl. Ganesha No.10, Lb. Siliwangi, Kecamatan Coblom, Kota Bandung, Jawa Barat 40132</p>	30
2-11	11.15-11.25	<p><i>Characterization of Polysaccharide Extract from Mycelium and Fruiting Body of Ling Zhi Mushroom (Ganoderma sp.) With Face (Fluorophore Assisted Carbohydrate Electrophoresis)</i></p> <p>Maria Goretti M. Purwanto^{1*}, Tjandra Pantjajani¹, Yuvita Cahyadi¹</p> <p>¹Faculty of Biotechnology, University of Surabaya, Indonesia</p>	31
2-12	11.25-11.35	<p><i>The Role of Interleukin 5 and Interleukin 10 in Atopy Asthma Persistent</i></p> <p>Rahmaya Nova Handayani^{*1}, Faisal Yunus², Ermita Isfandiary Ibrahim³ Iris Rengganis⁴</p> <p>Medicine Faculty of Indonesia University, Jakarta, Indonesia</p> <p>Nursing Study Program of Harapan Bangsa University, Indonesia¹</p> <p>Department of Pulmonology and Respiratory Medicine, Medicine Faculty of Indonesia University,</p> <p>Persahabatan Hospital, Jakarta, Indonesia²;</p> <p>Department of Medical Physiology, Medicine Faculty of Indonesia University, Jakarta, Indonesia³</p> <p>Department of Internal Medicine, Faculty of Medicine Indonesia University</p> <p>Dr. Cipto Mangunkusumo Hospital, Jakarta, Indonesia⁴</p>	32
11.35-11.45		Q&A Session	
11.45-13.00		Lunch	

13.00-14.00	Closing Ceremony
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CONFERENCE ROOM 3			
No.	Time	Details	Page
3-01	09.00-09.10	<p><i>After iGEM: A Model of Synthetic Biology Community and Ecosystem Building</i></p> <p style="text-align: center;">Nurul Izzati</p> <p style="text-align: center;">iGEM Headquarter, 27 Drydock Avenue, 2nd Floor West</p>	33
3-02	09.10-09.20	<p><i>The role of hedgehog (hh) gene in tissue regeneration process of digit mice (Mus musculus)</i></p> <p style="text-align: center;">Titta Novianti¹, Muhamad Panji¹, Blandina Manimpurung¹, Muhammad Ichsan¹, Alfero Putra¹, Febriana Dwi Wahyuni¹, It Jamilah², Syafruddin Ilyas^{2*}</p> <p style="text-align: center;">¹ Program Studi Bioteknologi, Universitas Esa Unggul, Jakarta Jl. Raya Arjuna Utara no. 9 Jakarta Barat</p> <p style="text-align: center;">² Program Studi Biologi, Universitas Sumatera Utara, Medan Jl. Abdul Hakim No.1, Padang Bulan, Kec. Medan Baru, Kota Medan, Sumatera Utara 20222</p>	34
3-03	09.20-09.30	<p><i>Simple Loop-mediated Isothermal Amplification (LAMP) Assays for Detecting White Spot Syndrome Virus in Infected Shrimp</i></p> <p style="text-align: center;">Nalista Jayanthi, Ernest Suryadjaja, Yoanes Maria Vianney, Valencia Andriani, Priscilla Listiyani, and Sulisty Emantoko Dwi Putra</p> <p style="text-align: center;">Department of Biotechnology, Universitas Surabaya, Surabaya, Indonesia</p>	35
3-04	09.30-09.40	<p>Detection of Opportunistic Fungus Pneumocystis jirovecii Major Surface Glycoprotein (MSG) gene in HIV-AIDS patients with pneumoniae in Jakarta Conny Riana Tjampakasari^{1*}, Andi Yasmon¹, Agus Sjahrurachman¹ and Samsuridjal Djauzi²</p> <p style="text-align: center;">¹Department of Microbiology, Faculty of Medicine, University of Indonesia</p> <p style="text-align: center;">² Department of Allergy Immunology, RSCM, Faculty of Medicine, University of Indonesia</p>	36
09.40-09.50		Q&A Session	
09.50-10.05		Coffee Break	
3-05	10.05-10.15	<p>Identification of antagonistic yeast from traditional ethanol fermentation</p> <p style="text-align: center;">Dhira Satwika^{1*}, Suhardi Djojoatmodjo¹, Gustin Finnegan¹, Dhira Puttajaya, Jovita Ivana¹</p> <p style="text-align: center;">¹Fakultas Bioteknologi, Universitas Kristen Duta Wacana Yogyakarta 55224, Indonesia</p>	37

3-06	10.15-10.25	<p><i>M1 Salt Tolerance putative mutant of Barak Cenana rice (Oryza sativa L cv. Barak Cenana) treated by EMS mutagens</i></p> <p>Ida Bagus Made Artadana¹, Aurelia Nadine Handoyo,¹ Popy H. Hardjo¹, Maria Goretti P^{1*} Faculty of Biotechnology, University of Surabaya</p>	38
3-07	10.25-10.35	<p><i>Propolis Improves Caudal Fin Regeneration in Hyperglycemic Zebrafish (Danio rerio)</i></p> <p>Indra Wibowo*, Nuruliawaty Utami, Tjandra Anggraeni, Angraini Barlian, Ramadhani Eka Putra, & Annisa Devi School of Life Sciences and Technology, Bandung Institute of Technology (ITB), Jalan Ganeca 10, Bandung 40132 Indonesia</p>	39
3-08	10.35-10.45	<p><i>The expression of PPAR-F, FTO, and KCNJ11 in Mouse Diabetic Model</i></p> <p>Dwi Putra S.E, Sukweenadhi J. , Sanjaya S. , Artadana I.B.M Department of Biology, Faculty of Biotechnology, University of Surabaya, Raya Kalirungkut, Surabaya, 60292, East Java, Indonesia</p>	40
10.45-10.55		Q&A Session	
3-09	10.55-11.05	<p><i>Application of Polymerase Chain Reaction for Detection of CryII Gene from Bacillus thuringiensis Local Isolates as a specific Toxin in Borers</i></p> <p>Seprianto, Febriana Dwi Wahyuni, Henny Saraswati Program Studi Bioteknologi, Universitas Esa Unggul Jl. Arjuna Utara no. 9 Kebun Jeruk, Jakarta Barat/ 081211884434</p>	41
3-10	11.05-11.15	<p><i>Early Detection of Diabetes Mellitus With DNA Methylation Pattern in Exon 11 of Insulin Receptor Gene</i></p> <p>Harris Jefferson Susanto* and Priscilla Listiyani Surabaya University, Jl. Tenggilis Mejoyo, Kali Rungkut, Kec. Rungkut, Kota SBY, Jawa Timur 60293, (031) 2981000</p>	42
11.15-11.35		Q&A Session	
11.35-13.00		Lunch	
13.00-14.00		Closing Ceremony	

POSTER	
No.	Details
P-1	<p>Ethyl Methane Sulfonate (EMS) Effect on Mutagenesis in Balinese Red Rice (<i>Oryza sativa</i> cv. Barak Cenana)</p> <p>Popy Hartatie Hardjo¹, Ida Bagus Made Arta Dana¹, Maria Goretti Marianti Purwanto¹, Aloysia Sri Pujiyanti¹, Indriyani¹, Kanyaratt Supaibulwatana²</p> <p>¹ Faculty of Biotechnology, Universitas of Surabaya, Surabaya Jalan Kalirugket, Surabaya 60292, East Java, Indonesia</p> <p>² Department Biotechnology, Faculty of Science, Mahidol University, Bangkok</p>