

Parallel Oral Session 1.1: Biodiversity and Bio-Conservation

Time	:	Monday, November 15 th 2021 (11.00-12.30 WIB)
Link Zoom Room 1	:	https://unej.id/BiodiversityMonday1
Meeting ID	:	916 9021 3855
Passcode	:	ICOLIB4
Moderator	:	Purwatiningsih, Ph.D.
Fasilitator- Operator	:	Budi Putra Mulyadi, S.Si. - Silvi Samro'atul Ilmi
Zoom User Name Format	:	1.1.1_Abstract Number_Full Name ex: 1.1.1_38_Malcky Makanaung Telleng

No.	Authors	Title	Abstract Number
1	Malcky Makanaung Telleng, Wilhelmina Beritan Kaunang, Srimalasinha Sane, Ivonne Maria Untu	Identification of Advantages of Indigofera-Pennisetum Intercropping Under Coconut Plantation Based On Dry Matter Yield	38
2	Arif Mohammad Siddiq, Hari Sulistiyowati and Tom Reader	The Habitat Characteristics of Banteng (<i>Bos javanicus</i> D'Alton, 1832) in Pringtali Savannah, Meru Betiri National Park, East Java	8
3	Tahyatul Bariroh and Siska Siska	Pharmacognostical and Preliminary Phytochemical Evaluation of Three Chili Varieties	15
4	Nariswari Salsabiela, Binar Anggita Sari, Ibrahim Zakialmaas, Ontowiryo Muhammad Panrus, Nalia Yustika Indani, Adi Laksono, Bambang Agus Suropto	Maintenance and Animal Welfare of Sumatran Elephant (<i>Elephas maximus</i> sumatranus Temminck, 1847) in Jurug Solo Zoo Surakarta	92
5	Rahayuningsih M, Utami NR, Trimartuti NK, Yulianti Dwi	The Diversity of Plant as Potentially Essential Oils Producer in Mathematics and Natural Sciences Faculty, Universitas Negeri Semarang	23
6	Rendy Setiawan, Retno Wimbaningrum, and Rifiqa Indrie Wahyudi	Density and Distribution Pattern of Borer Clam (<i>Tridacna crocea</i> Lamarck, 1819) in Ecosystem Intertidal	151
7	Hari Sulistiyowati, Arif Mohammad Siddiq, Abdillah, Fikli Perdana Kusuma, Abdillah, and Firman Syauqi Nur Sabila	Ecological Value of Tree Vegetation at Ere-ere Biosite of Ijen Geopark - Indonesia	172

Parallel Oral Session 1.1: Biodiversity and Bio-Conservation

Time	: Monday, November 15 th 2021 (11.00-12.30 WIB)
Link Zoom Room 2	: https://unej.id/BiodiversityMonday2
Meeting ID	: 977 3821 7534
Passcode	: ICOLIB4
Moderator	: Ika Agus Rini, S.Si., M.Si.
Fasilitator- Operator	: Nadhea Ayu Sukma, S.Si. - M. Tentrem Wijaya
Zoom User Name Format	: 1.1.2_Abstract Number_Full Name ex: 1.1.2_145_Rahmawati

No.	Authors	Title	Abstract Number
1	Rahmawati Rahmawati, Dewi Isnaeni and Tri Rini Nuringtyas	Study of Ethnobotany and the Diversity of Medicinal Plants Used by the Indigenous Community of Kajang Dalam in Bulukumba, South Sulawesi	145
2	Anggi Nur Hardiyanti, Ida Kinasih and Ramadhani Putra	Butterfly Diversity (Sub Ordo: Rhopalocera) in the Fragmented Area at Taman Kehati, Kiara Payung, Sumedang	159
3	Shahibah Yuliani, Saipiatuddin Saipiatuddin and Enok Maryani	The Correlation of Knowledge of the Rob Flood Disaster with the Level of Preparedness in the Muara Gembong Coastal Community	131
4	Endang Hermawan, Naufi Labibah Rohmat, Ida Kinasih, Mia Rosmiati and Ramadhani Eka Putra	Analysis of Insect Pollination Effect on Zucchini Production (<i>Cucurbita pepo</i> L.) and Determination of Insect Pollination Ecosystem Value for Smallholder Farmers	166

Parallel Oral Session 1.1: Health and Medicine

Time	: Monday, November 15 th 2021 (11.00-12.30 WIB)
Link Zoom Room 3	: https://unej.id/HealthMedicineMonday1
Meeting ID	: 957 0339 1192
Passcode	: ICOLIB4
Moderator	: Ika Wahyuni, S.Si., M.Si.
Fasilitator- Operator	: Haikal Idris Maulahila, S.Si. - Nailatur Rifdah, S.Si.
Zoom User Name Format	: 1.1.3_Abstract Number_Full Name ex: 1.1.3_12_Gaurav Kumar Bhagat

No.	Authors	Title	Abstract Number
1	Gaurav Kumar Bhagat	Circan: a Database of Circrnas Exploring Chromosomal Linkages in Human Cancers	12
2	Willy Sandhika	Microscopic Features of Lupus erythematosus And Scleroderma In Skin Biopsy Tissue	20
3	Luh Ari Arini	Determinants that Affect the Menstrual Period of Young Women During the Covid-19 Pandemic: Empirical Evidence from Indonesia	24
4	Benita Kurniawan, Francisca Veyta, Benny Mulyono Soegiharto and Elza Ibrahim Auerkari	Molecular Aspect of Systemic Lupus Erythematosus	121
5	Yenni Limyati, Elizabeth Christine, Vitriana Biben, Diana Krisanti Jasaputra, Ronny Lesmana, and Grace Puspasari	The Effect of Yoga on Body Mass Index and Sleep Quality in the Covid-19 Pandemic Era	37
6	Hana Ratnawati, Yoki Chandra, Endry Kho	Anticancer Effect of Red Fruit Fractions Toward Breast Cancer in T47D Cell and Oral Cancer in Kb Cell	74
7	Hanina Nuralifa Zahra, Isa Anshori, Hasna Nadila, Hofifa Mulya Utami, Joshua Adi Chandra, Muhammad Rashid Kurniawan, Yuniarti Khotimah, Widyardana Adiprawita, Hermin Aminah Usman and Okky Husain	Classification of Lymphoma, Benign Lesions, and Carcinoma Using Convolutional Neural Network (CNN), Inception-V3, VGG16, and Mobilenet	48
8	Erma Sulistyaningsih, Rosita Dewi, Sheilla Rachmania, Irawan Fajar Kusuma, Resy Metri Belizani and Annisa Nadya Aprilia	Var-D Like Gene as a Marker for Malaria Outcome	64

Parallel Oral Session 1.1: Basic Sciences

Time	: Monday, November 15 th 2021 (11.00 – 12.30 WIB)
Link Zoom Room 4	: https://unej.id/BasicSciencesMonday1
Meeting ID	: 915 9328 9030
Passcode	: ICOLIB4
Moderator	: Mukhamad Su'udi, Ph.D.
Fasilitator- Operator	: Annisa'ul Jannah, S.Si. - Axgrandchy Octrilia
Zoom User Name Format	: 1.1.4_Abstract Number_Full Name ex: 1.1.4_3_Ika Fitri Ariyani

No.	Authors	Title	Abstract Number
1	Ika Fitri Ariyani, Solichatun, Suratman and Sugiyarto	Application of Gibberellic Acid (GA3) and Coconut Water With Stratification on Morphological, Anatomical, and Germination of Cherry Seed (<i>Prunus jamasakura</i>)	3
2	Maya Nurjanah and Miftahul Ilmi	Lipase Production of (<i>Aspergillus aculeatus</i> Ms. 11) by Solid State Fermentation Using Rubber Seed Press Cake Medium (<i>Hevea brasiliensis</i>)	5
3	Agung Subyakto, Danang Nurdiansyah, Agus Surono, Achmad Dwitama, Afan Hamzah and Denny Aulia Apriniaz	The Impact of Temperature and Drying Time on Sorghum Seeds Using Spouted Bed Technique	14
4	Ni'Matul Laili Nur Mahfudhoh, Sajidan Sajidan and Agung Budiharjo	The Effect of Dietary Bromelain Enzyme on Broiler Chicken (<i>Gallus gallus</i>) Growth Performance	60
5	Sam Muehl Sejahtera Naiborhu, Adelina Manurung and Merry Meryam Martgrita	Comparative Study of Antibacterial and Antioxidant Activities of Styra Leaves Without Fermentation, and From Fermentation by <i>Aspergillus niger</i>	33
6	Eka Rahmadani Ritonga, Adelina Manurung and Merry Meryam Martgrita	Optimization of Citric Acid Production by Utilizing Rice Husk Waste as a Substrate Using Submerged Fermentation	35
7	Revis Asra, Silvia Wahyuni, Ade Adriadi and Suarmaini Suarmaini	Morphological Characteristics of Polen <i>Calamus acehensis</i> Rustiami	50
8	Farah Salma Elida, Dwi Fajarwati Ramadhani, Rudju Winarsa, Hidayat Teguh Wiyono and Kahar Muzakhar	Production and Purification of Cellulase from <i>Aspergillus</i> sp. VT12 by Solid State Fermentation Using Coffee Pulp	123

Parallel Oral Session 1.1: Applied Sciences

Time	:	Monday, November 15 th 2021 (11.00-12.30 WIB)
Link Zoom Room 5	:	https://unej.id/AppliedSciencesMonday1
Meeting ID	:	918 6954 2251
Passcode	:	ICOLIB4
Moderator	:	Tri Ratnasari, S.Si., M.Si.
Fasilitator- Operator	:	Nida An Khafiyya, S.Si. - Beny Andika, S.Si.
Zoom User Name Format	:	1.1.5_Abstract Number_Full Name ex: 1.1.5_2_Sudarti

No.	Authors	Title	Abstract Number
1	Sudarti	Analysis of the Impact of 200 MT and 300 MT Extremely Low Frequency (ELF) Magnetic Fields on the Growth Rate of Edamame Plants	2
2	Ari Susanti, Boy Arief Fachri and Dhea Kana Zhafira	Antimicrobial Activity of Biodegradable Plastic Based on Corncob Waste Incorporated with Clove Essential Oil	6
3	I Dewa Ayu Ratna Dewanti, I Dewa Ayu Susilawati, Pujiana Endah Lestari, Erawati Wulandari, Ristya Widi Endah Yani and Sunlip Wibisono	Analysis of Amino Acids, Protein Profile, Calcium and Phosphorus Levels of Upeneus Moluccensis Waste	36
4	Yose Christofer	Reduction of Heavy Metal Levels in Liquid Waste Hospital Laboratory Using Water Hyacinth	25
5	Syubbanul Wathon, Izza Afkarina, Unzilatih Rohmah, Rike Oktarianti, Kartika Senjarini	In Vitro Analysis of Human IGG Immune Response Against 31 kDa and 67 kDa Immunogenic Protein from Aedes albopictus Salivary Glands	41
6	Kartika Senjarini, Susmaya Atmandaru, Ari Satia Nugraha, Syubbanul Wathon, and Rike Oktarianti	In Silico Analysis of Antigenicity and Immunogenicity of D7 Protein from Salivary Gland of <i>Aedes aegypti</i>	169

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Time	:	Monday, November 15 th 2021 (11.00-12.30 WIB)
Link Zoom Room 6	:	https://unej.id/AppliedSciencesMonday2
Meeting ID	:	983 4824 6228
Passcode	:	ICOLIB4
Moderator	:	Ir. Firda Lutfiatul Fitriatul Fitria, S.Si., M.T.
Fasilitator- Operator	:	Sindhi Wahidatul Ikrimah, S.Si. - Rivan Andika
Zoom User Name Format	:	1.1.6_Abstract Number_Full Name 1.1.6_136_Cening Kardi

No.	Authors	Title	Abstract Number
1	Cening Kardi and Nyoman Utari Vipriyanti	Effects of Cutting Types, Leaves Number, and Auxin on the Growth of Cornmint (<i>Mentha arvensis</i> L. Var. <i>Javanica</i> (Bl.) Hook.F.)	136
2	Nurul Istinaroh and Erma Sulistyaningsih	B-Cell and T-Cell Epitopes Prediction from Recombinant Protein Cidr1A-Pfemp1: a Bioinformatics Approach	138
3	Sholeh Avivi, Jae-Yean Kim, Muhammad Mufarrij Fuad Ulfi, Ridlo Firmansyah, Wahyu Indra Duwi Fanata	Generating Modified High Sucrose Tomatoes by Genome Editing	72
4	Farid R. Abadi, Rudiati E. Masithoh, Lilik Sutiarmo, Sri Rahayoe	Non Destructive Testing for Local Soybean Seed Potential for Field Application	56
5	Puspita Deswina, Dody Priadi	The Growth and Production of Celery (<i>Apium graveolens</i>) on Modified Enshishoho Hydroponics Nutrient Solution	79
6	Aep Supriyadi, Kania Soewanda and Ramadhani Eka Putra	Application of Black Soldier Fly Based Fed On the Carp (<i>Cyprinus caprio</i> L.) Aquaponic System: Effect on Water Quality and Fish	167

Parallel Oral Session 1.2: Biodiversity and Bio-Conservation

Time	: Monday, November 15 th 2021 (15.00-16.30 WIB)
Link Zoom Room 1	: https://unej.id/BiodiversityMonday4
Meeting ID	: 932 6899 8795
Passcode	: ICOLIB4
Moderator	: Rendy Setyawan, S.Si., M.Si.
Fasilitator- Operator	: Budi Putra Mulyadi, S.Si. - Silvi Samro'atul Ilmi
Zoom User Name Format	: 1.2.1_Abstract Number_Full Name ex: 1.2.1_4_Putri Arrufitasari

No.	Authors	Title	Abstract Number
1	Devi Adityarini, Erma Prihastanti and Endah Dwi Hastuti	Study of Pollen Viability and Germination <i>Rhizophora mucronata</i> Lamk. in Different Phases from the Mangunharjo Mangrove Area, Semarang City	96
2	Masitah, Krishna Purnawan Candra, Muhammad Amir Masruhim and Pintaka Kusumaningtyas	Biodiversity of Indigenous Mushrooms Grow on Decomposed Oil Palm Empty Fruit Bunch at Palm Oil Plantation in Paser Regency, Indonesia	28
3	Intan Mufida, Meiisha Putri Pertiwi and R. Teti Rostikawati	Echinoderms Diversity at Drini Beach Gunung Kidul, Yogyakarta	27
4	Purwatiningsih, Barlah Rumhayati, Susantin Fajariyah and Raodatul Jannah	The Effectiveness of Suspension Beta Asaron Mixed With Silica Nanoparticles in the Mortality of <i>Crocidolomia pavonana</i>	47
5	Rony Irawanto	Mapping of Water Spring Distribution and Phytotechnology Concepts in the Welang River Basin Management	102
6	Pawan Kumar and V. P. Singh	Study of Biomass Growth and Decontamination Potentials of Vetiver (<i>Chrysopogon zizanioides</i>) in Pb-Contaminated Alluvial Soil	18

Parallel Oral Session 1.2: Health and Medicine

Time	: Monday, November 15 th 2021 (15.00-16.30 WIB)
Link Zoom Room 2	: https://unej.id/HealthMedicineMonday2
Meeting ID	: 919 3852 1595
Passcode	: ICOLIB4
Moderator	: Dr. rer. biol. hum. dr. Erma Sulistyaningsih, M.Si. GCert.AgHealthMed
Fasilitator- Operator	: Nadhea Ayu Sukma, S.Si. - M. Tentrem Wijaya
Zoom User Name Format	: 1.2.2_Abstract Number_Full Name ex: 1.2.2_78_Ika Wahyuni

No.	Authors	Title	Abstract Number
1	Ika Wahyuni, Rike Oktarianti, Syubbanul Wathon, Kartika Senjarini	Immunogenic Proteins from Salivary Gland of Potential Malaria Vector <i>An. vagus</i> & <i>An. sudaicus</i>	78
2	Jignesh Italiya	Assessment of Strategy Development for SARS COV-2 Mass Screening in Wildlife: A Review	84
3	Michaella Yosephine, Rafita Erli Adhawiyah, Yasmin Salsabila Kurniawan, Isa Anshori, Ramadhita Umitaibatin, Vegi Faturrahman, Rey Ezra Langelo, Widyawardana Adiprawita, Hermin Aminah Usman and Okky Husain	Comparative Study of Convolutional Neural Network Architecture in Lymphoma Detection	49
4	Yesi Octavia, Muhammad Garry Syahrizal Hanafi, Fadli Jazaldi, Elza Ibrahim Auerkari	Patau Syndrome: Genetic and Epigenetic Aspects	73
5	Ammar Ammar, Irfan Tito Kurniawan, Resfyanti Nur Azizah, Hafizh Rahmatdianto Yusuf, Antonius Eko Nugroho, Ghani Faliq Mufiddin, Isa Anshori, Widyawardana Adiprawita, Hermin Aminah Usman and Okky Husain	Deep Learning for Lymphoma Detection on Microscopic Images	51
6	Salsabila Qisthina Yasmine, Yulia Irnidayanti, and Darlina	Analysis of Radiation-Induced DNA Damage in Smoker and Non-Smoker Lymphocytes Based on Blood Type and Age Using Comet Assay	39
7	Anton Bahtiar, Syifa Amelia, Asih Suliasih Babay and Ade Arsianti	Effects of Ethanolic Extract of <i>Erythrina subumbrans</i> Leaves on Kidney Function of Type 2 Diabetes Mellitus Model Rats	88
8	Umi Kalsum, Sumartono Sumartono and Muhammad Farid Wadjudi	Efforts to Reduce Quail Egg Cholesterol Using Probiotic Encapsulation	168

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Time	: Monday, November 15 th 2021 (15.00 – 16.30 WIB)
Link Zoom Room 3	: https://unej.id/BasicSciencesMonday2
Meeting ID	: 932 6193 9080
Passcode	: ICOLIB4
Moderator	: Mukhammad Su'udi, Ph.D.
Fasilitator- Operator	: Ramdhan Putrasetya, S.Si. - Nailatur Rifdah, S.Si.
Zoom User Name Format	: 1.2.3_Abstract Number_Full Name ex: 1.2.3_128_Hidayat Teguh Wiyono

No.	Authors	Title	Abstract Number
1	Hidayat Teguh Wiyono, Nabilah Imalah Sunarto, Finda Rahmawati, Rudju Winarsa and Kahar Muzakhar	Coffee Pulp Waste Substrate Based in Cellulase Production by <i>Penicillium</i> sp. VT11 Under Solid State Fermentation	128
2	Prasetyo Sarwono Putro, Bambang Purwanto, Dono Indarto, Widyastuti Soewondo and Sulistyani Kusumaningrum	The Comparative Effects of Branded and Local High Fat Foods on Body Mass Index and Vascular Wall Thickness in Male Wistar Rats for Development of Atherosclerosis Animal Model	148
3	Azizah Azizah, Atim Ainul Hidayah, Rosa Amelia, Hidayat Teguh Wiyono and Kahar Muzakhar	Pectinase Production of <i>Aspergillus</i> sp. VTM5 Through Solid State Fermentation Using Coffee Pulp Substrate and its Purification	127
4	Merry Meryam Martgrita, Roga Florida Kembaren, Adelina Manurung, Herti Novalia Hutapea and Theodora Mega Putri Lumbangaol	Antioxidant Activity Enhancement of Solid State Fermented Sugar Palm Fruit (<i>Arenga pinnata</i> Merr) by <i>Aspergillus oryzae</i> Using Central Composite Design	55
5	Putra Santoso, Rita Maliza, Resti Rahayu and M. Ihsan Anggi Manura	Composition and Anti-Obesity Effect of Dietary Fiber Extracted from Some Local Tuberos Plants in Indonesia	19
6	Stella Tinia Hasianna, Ronny Lesmana, Julia Windi Gunadi, Enny Rohmawaty, Lusiana Darsono, Anatasia Della Ramba Matandung, dan Hesty Suryani Mangalik	The Use of Fenugreek Seed Powder (<i>Trigonella foenum-graecum</i> L.) for Increasing Prolactin in Breastfeedings Wistar Rats and Bodyweight of the Litters	30
7	Putranty Widha Nugraheni, Chanif Mahdi	Kidneys Evaluation in Hyperuricemia Rats That Treated with Green Tea Leaves Extract	43

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Time	:	Monday, November 15 th 2021 (15.00 – 16.30 WIB)
Link Zoom Room 4	:	https://unej.id/BasicSciencesMonday3
Meeting ID	:	924 0695 2463
Passcode	:	ICOLIB4
Moderator	:	Dr. rer. nat Fuad Bahrul Ulum, S.Si., M.Sc.
Fasilitator- Operator	:	Annisa'ul Jannah, S.Si. - Axgrandchy Octrlilia
Zoom User Name Format	:	1.2.4_Abstract Number_Full Name ex: 1.2.4_97_Endy Juli Anto

No.	Authors	Title	Abstract Number
1	Endy Juli Anto	The Effect of Ethanol Extract and Etylasetate Fraction of Areca Seeds (<i>Areca catechu</i> L.) on the Thickness of the Colonic Tunica Muscularis in Mice (<i>Mus musculus</i>) Fed with Trichuris muris Infective Eggs Peroral	97
2	Merry Meryam Martgrita, Roga Florida Kembaren, Herti Novalia Hutapea, Ivana Sitepu and Evy Enjelina Simanjuntak	Enzymatic Kinetic of Amylase Produced by <i>Rhizopus oryzae</i> Using Solid State Fermentation with Cassava Solid Waste as Substrate	62
3	Merry Meryam Martgrita, Adelina Manurung, Herti Novalia Hutapea and Fauziah Balqis Anggi Fitriani	Citric Acid Production Optimization from Toba Banana Peel Through Submerged Fermentation by <i>Aspergillus niger</i> Using Central Composite Design	54
4	Irma Badarina, Mona Anggraini and Bieng Brata	The Potency of Ammonia from Broiler's Manure Based on Age Phase of Ration Administration on Closed House and Open House	67
5	Iliya Kartika Santosa and Meta Fitri Rizkiana	Adsorption of Methylene Blue by Magnetic Activated Carbon/Chitosan Composites Prepared from Spent Coffee Grounds	106
6	Salomo Hutahaean, Syafruddin Ilyas, Haisyah Hani, Ayu Mustika	Hepatoprotective Potential of Ethanolic Extracts from Pirdot (<i>Saurauia vulcani</i> Korth.) Leaves on Streptozotocin-Induced Diabetic Mice	9
7	Azmi Mangalisu, Irma Isnafia Arief, Ansi Kurnia Armayanti, dan Zakiah Wulandari	Identification Protein Levels for Production of Bacteriocin from <i>Lactobacillus plantarum</i> in Fermented Chicken Eggs	81
8	Rudju Winarsa, Okta Novalia Gasani, Tamimul Badriyah, Hidayat Teguh Wiyono and Kahar Muzakhar	Pectinase Production by <i>Aspergillus</i> VTM4 Induced by Pomelo Pulp (<i>Citrus maxima</i> Merr.) as Substrate	126

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Time	:	Monday, November 15 th 2021 (15.00 – 16.30 WIB)
Link Zoom Room 5	:	https://unej.id/BasicSciencesMonday4
Meeting ID	:	983 6238 6979
Passcode	:	ICOLIB4
Moderator	:	Tri Ratnasari, S.Si., M.Si.
Fasilitator- Operator	:	Nida An Khafiyya, S.Si. - Beny Andika, S.Si.
Zoom User Name Format	:	1.2.5_Abstract Number_Full Name ex: 1.2.5_170_Sutoyo

No.	Authors	Title	Abstract Number
1	Sutoyo, Suharjono, Tri Ardyati, and Subandi	Isolation and Screening of Keratinolytic Actinomycetes Strain from Jember-Indonesia	170
2	Asmoro Lelono and Husnatun Nihayah	Detection of the Embryonic Heart Rate of the Japanese Quail (<i>Cortunix japonica</i>) Embryo Using a Non-Destructive Method of Measurement in Different Temperature.	120
3	Muhammad Arif Husein, Dono Indarto and Brian Wasita	The Effect of Alkaloid Fraction of <i>Litsea glutinosa</i> Leaves on Body Weight, Body Mass Index and Fat Content in Male Sprague Dawley Rats with Type 2 Diabetes Mellitus and Obesity	147
4	Yuliana Heri Suselo, Dono Indarto, Brian Wasita ³ , Hartono	Alkaloid Fraction of <i>Mirabilis jalapa</i> Leaves has Higher Betaxanthin Levels than Ethanol Extract and is Potentially Developed for Anemia Treatment	86
5	Hidayat Teguh Wiyono, Selin Monika Prihasinta, Dwi Setiati	The Influence of Gis Giving and Jaranan Plant (<i>Lannea coromandelica</i> (Houtt.) Stem Circles Merr.) on Gum Production	155
6	Sri Rulianah, Prayitno Prayitno and Carita Ayu Maulidina	Utilization of Bagasse as Raw Material for Bioethanol Using Crude Cellulase from Phanerochaete Chrysosporium with SSF Method	101

Parallel Oral Session 1.2: Applied Sciences

Time	: Monday, November 15 th 2021 (15.00-16.30 WIB)
Link Zoom Room 6	: https://unej.id/AppliedSciencesMonday3
Meeting ID	: 933 0283 2408
Passcode	: ICOLIB4
Moderator	: Audinanti Meganandi Kartini, S.Si., M.T.
Fasilitator- Operator	: Farah Salma Elida, S.Si. - Haikal Idris Maulahila, S.Si.
Zoom User Name Format	: 1.2.6_Abstract Number_Full Name ex: 1.2.6_44_Wiwin Apriyanditra

No.	Authors	Title	Abstract Number
1	Wiwin Apriyanditra, Nursigit Bintoro, and Arifin Dwi Saputro	Effect of Maturity Level and Fruit Size on Rheological Property of Tomato Fruit (<i>Solanum lycopersicum</i>)	44
2	Aisyah Aisyah, Rike Oktarianti, Kartika Senjarini and Syubbanul Wathon	Humoral Immune Response (IGG) of Balb/C Mice (<i>Mus musculus</i>) Post-Injection by 56 kD Immunogenic Protein Extract from the Salivary Glands of <i>Aedes aegypti</i> L.	46
3	Herwanto Cristopel Simanullang, Adelina Manurung and Yulisa Lestari	The Effect of Liquid Smoke from Oil Palm Empty Fruit Bunches (OPEFB) on Fresh Fruit Bunches (FFB) During Storage Time Toward the Quality of Crude Palm Oil (CPO)	34
4	'Ilma Zakiyyah, Linda Dwi Santika, Kartika Senjarini, Rike Oktarianti, Syubbanul Wathon*	Electroelution of 31 kDa Immunogenic Protein Fraction from the Salivary Gland of <i>Aedes aegypti</i> and <i>Aedes albopictus</i> (Diptera: Culicidae)	57
5	Ardo Sanjaya, Ronny Lesmana, Hanna Goenawan and Iwan Setiawan	Machine Learning Algorithm Based QSAR Models for the Virtual Screening of Mtor Kinase Inhibitors	59
6	Maria Ulfa, Anisa Ayu Solikah, Zahra Ayu Fadhillah, Ida Setiarini and Zulfana Qoulun Syadida	Synthesis of Nanosilica from Lapindo Mud Through Sol Gel Method Based Green Chemistry for Ibuprofen Medical Waste Adsorption	61
7	Putri Fatimatus Zahro, Francisca Veyta, Fadli Jazaldi and Elza Ibrahim Auerkari	The Role of Genetic and Epigenetic Aspects in Mandibular Prognathism: a Review	66
8	Eduardus Ariasena, Ivandy Arifin Putra Noerrizky, Raih Rona Althof, Isa Anshori	Screen-Printed Carbon Electrode Fabrication Method for Electrochemical Biosensor Application	76

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Time	: Monday, November 15 th 2021 (15.00-16.30 WIB)
Link Zoom Room 4	: https://unej.id/AppliedSciencesMonday4
Meeting ID	: 954 5981 6275
Passcode	: ICOLIB4
Moderator	: Siti Latifatus Siriyah, S.Si., M.Sc.
Fasilitator- Operator	: Sindhi Wahidatul Ikrimah, S.Si. - Rivvan Andika Zunaidi S.
Zoom User Name Format	: 1.2.4_Abstract Number_Full Name ex: 1.2.4_69_Ditta Kharisma Yolanda

No.	Authors	Title	Abstract Number
1	Ditta Kharisma Yolanda, Ardetha Titarnia Aurly, Siti Fatimah, Boy Arief Fachri	The Comparison of Essential Oil Extraction From Citronella Leaves (<i>Cymbopogon nardus</i> L.) Using Microwave Hydrodistillation and Solvent-Free Microwave Extraction Methods	69
2	Nurcaya Nurcaya, Lili Suryani, Nurjaya Nurjaya and Sema Sema	The Effectiveness of Organic Fertilizer on the Production of Red Spinach (<i>Amaranthus tricolor</i> , L.)	100
3	Rustikawati Rustikawati, Mimi Sutrawati, Wuri Prameswari, Catur Herison and Yoga Suprimansyah	Determination of Salinity Tolerance on Cayenne Genotypes Based on Leaves Symptoms	103
4	Arfianti Arfianti, Fauzia Andrini Djojogugito, Maisaroh Maisaroh, Hendra Asputra, Dita Kartika Sari and Tubagus Odih Rhomdani Wahid	Mutation and Genotype Analysis of Reverse Transcriptase Gene Among Treatment-Naïve Chronic Hepatitis B Patients	108
5	Salsabila Aqila Putri, Aldina Amalia Nur Shadrina, Euis Julaeha and Dikdik Kurnia	Potential Nevadensin from <i>Ocimum bacilicum</i> as Antibacterial Agent Against <i>Streptococcus</i> Mutans: In Vitro and In Silico Studies	109
6	Sefren Geiner Tumilaar, Geofanny Sarah Hutabarat, Ari Hardianto and Dikdik Kurnia	Potential Mechanism of Allylpyrocatechol From Piper betle L. as Antioxidant Agent: In Silico Studies	110
7	Rahmat Pramulya, Uswatun Hasanah, Maya Indra Rasyid, Yoga Nugroho and Teungki Nih Farisni	Recovery Strategy for Small and Medium Scale Agro Industry of Nutmeg (<i>Myristica fragrans</i>) in South Aceh	114

Parallel Oral Session 2.1: Biodiversity and Bio-Conservation

Time	:	Tuesday, November 16 th 2021 (09.45-11.15 WIB)
Link Zoom Room 1	:	https://unej.id/BiodiversityTuesday3
Meeting ID	:	915 6937 7411
Passcode	:	ICOLIB4
Moderator	:	Arif Mohammad Siddiq, S.Si., M.Si.
Fasilitator- Operator	:	Budi Putra Mulyadi, S.Si. - Silvi Samro'atul Ilmi
Zoom User Name Format	:	2.1.1_Abstract Number_Full Name ex: 2.1.1_162_Fual Bahrul Ulum

No.	Authors	Title	Abstract Number
1	Fuad Bahrul Ulum, Clarista Mugistika, Dwi Setyati, Tri Ratnasari,	Bryophytes Flora of Mount Gunitir, East Java	162
2	Alfin Fatwa Mei Afifudin and Rony Irawanto	Selection of Potential Plants in Estuarine Ecosystem as Phytoremediation	104
3	Fadli Mulyadi, Septian Maulana Purnama, Aulia Nadhirah and Ardyah Ramadhina Irsanti Putri	Potential for the Development of Sustainable Agricultural Development Through Integrated Agricultural Integration System in Pujon District, Malang Regency, East Java	105
4	Cening Kardi and Nyoman Utari Vipriyanti	Development of Nyegara-Gunung Agrotourism on Environmentally Base	115
5	Maryam Jameelah, Yunus Effendi and Ema Komalasari	Evaluation of Microbial Quality of Minced Beef from Modern and Traditional Market in Jakarta	124
6	Haikal Idris Maulahila, Arif Mohammad Siddiq and Hari Sulistiyowati	The Habitat Suitability of Javan Langur (<i>Trachypithecus auratus</i> E. Geoffroy Saint-Hilaire, 1812) in Kucur Resort at Alas Purwo National Park, Indonesia	45

Parallel Oral Session 2.1: Health and Medicine

Time	:	Tuesday, November 16 th 2021 (09.45-11.15 WIB)
Link Zoom Room 2	:	https://unej.id/HealthMedicineTuesday3
Meeting ID	:	954 3638 4179
Passcode	:	ICOLIB4
Moderator	:	Endah Puspitasari, S.Farm., M.Sc., Apt.
Fasilitator- Operator	:	Farah Salma Elida, S.Si. - M. Tentrem Wijaya
Zoom User Name Format	:	2.1.2_Abtract Number_Full Name ex: 2.1.2_107_Nurulia Januarti

No.	Authors	Title	Abstract Number
1	Nurulia Januarti, Francisca Veyta, Ria Puspitawati and Elza Ibrahim Auerkari	Genetic and Epigenetic Aspect of Amelogenesis Imperfecta and Dentinogenesis Imperfecta	107
2	Fadilah Fadilah, Rafika Indah Paramita, Linda Erlina, Khaerunissa Anbar Istiadi, Puspita Eka Wuyung and Aryo Tedjo	Linker Optimization in Breast Cancer Multiepitope Peptide Vaccine Design Based on Molecular Study	134
3	Yanti Yanti, Peter Liong, Dionysius Subali and Raymond Rubianto Tjandrawinata	Effect of Tempeh Supplement Tablets Containing Gamma Aminobutyric Acid for Alzheimer Protection	163
4	Yanti Yanti, Rasadi Kurniawan, Kris Amelia and Dionysius Subali	Study on Functional Gowok Cider Beverage for Management of Diabetes	165
5	Nur Juliani Shafie1, Najma Syahmin Abdul Halim, Mohamed Nor Zalipah, Nur Najua Syuhada Masfu'at, Shukor Md-Nor, Fabiana Palma, Fabio Neves Souza, and Federico Costa	Determinants of Knowledge and Preventive Practices of Leptospirosis Among Visitors at Recreational Forest in Terengganu, Malaysia	58
6	Marlina Azzahra, Yulia Irnidayanti and Yanti Lusiyanti	Cytostatic and Genotoxicity Analysis of Gamma Radiation in Worker's Blood Lymphocytes Based on Blood Type and Age In Vitro: Cbmn Assay	75
7	Fitriyah Zulfa, Agus Romandi and Dininurilmi Putri Sulleman	Gizipro Application for Nutrition Value Information of Food Packaging	113
8	Agus Hariyanto, Bayu Agung Pramono, Yetty Septiani Mustar, Anindya Mar'Atus Sholikhah and Anna Noordia	Prominent Effects of Moringa oleifera Supplementation on Improving Health: An Overview	161

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Time	: Tuesday, November 16 th 2021 (09.45 – 11.15 WIB)
Link Zoom Room 3	: https://unej.id/BasicSciencesTuesday5
Meeting ID	: 896 2454 3772
Passcode	: ICOLIB4
Moderator	: Moh. Mirza Nuryadi, S.Si., M.Sc.
Fasilitator- Operator	: Ramdhan Putrasetya, S.Si. - Nailatur Rifdah, S.Si.
Zoom User Name Format	: 2.1.3_Abstract Number_Full Name ex: 2.1.3_132_Ida Ayu Putu Sugiantari

No.	Authors	Title	Abstract Number
1	Einstivina Nuryandani and Ifandari Ifandari	Morphological, Anatomical, and Chemical Content of <i>Citrus nobilis</i> , <i>Citrus sinensis</i> , and <i>Citrus maxima</i> Leaves	142
2	Trianawati, Rudju Winarsa and Kahar Muzakhar	Cellulase Production from <i>Paecilomyces lilacinus</i> ICP1 Using Coffee Pulp as Substrate	129
3	Asmoro Lelono, Bambang Sugiharto	Sex-Embryo Determination in the Avian Species Using the Heart Rate as a Non-Destructive Method	7
4	Nadhea Ayu Sukma, Esti Utarti and Sattya Arimurti	Analysis of Caffeine Degradation by Caffeine-Degrading Bacteria as a Consortium	133
5	Kathleen Dizon, Virginia Ocampo, Edwin Alcantara, Florinia Merca and Barbara Caoili	Insecticidal Potential of Bacterial Toxins Extracted from Soil Actinomycetes Against Dengue Mosquito, <i>Aedes aegypti</i> Linn. (Diptera: Culicidae)	63
6	Nabila Ramanda and Ika Agus Rini	Isolation and Testing of Cellulase Enzyme Activity on Cellulolytic Bacteria of Sumatera elephant Feces (<i>Elephas maximus sumatranus</i>)	111

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Time	:	Tuesday, November 16 th 2021 (09.45 – 11.15 WIB)
Link Zoom Room 4	:	https://unej.id/BasicSciencesTuesday6
Meeting ID	:	941 908 3636
Passcode	:	ICOLIB4
Moderator	:	Syubbanul Wathon, S.Si., M.Si.
Fasilitator- Operator	:	Beny Andika, S.Si. - Rivan Andika Zunaidi S.
Zoom User Name Format	:	2.1.4_Abstract Number_Full Name ex: 2.1.4_130_Sattya Arimurti

No.	Authors	Title	Abstract Number
1	Sattya Arimurti, Yulia Nuraini, Tri Ardyati and Suharjono Suharjono	Screening and Identification of Indigenous Hemicellulolytic Bacteria from Indonesian Coffee Pulp Waste	130
2	Susantin Fajariyah, Mahriani Mahriani, Eva Utami and Erviana Effendi	Effects of Turmeric (<i>Curcuma longa</i>) Rhizome Extract on Lung Histological Structure in Mice (<i>Mus musculus</i> L) Induced Nicotine	160
3	Esti Utarti, Annisa'ul Jannah and Sattya Arimurti	Using Tobacco Stalk as Substrate Production of Avicelase from Rhizosphere Actinomycetes Through Submerged Fermentation	140
4	Dewi Nur Annisa, Mahriani Mahriani, Susantin Fajariyah and Eva Tyas Utami	The Effect of Giving Turmeric Rhizome Extract (<i>Curcuma longa</i> L.) on the Histopathology of Rat Kidney (<i>Rattus norvegicus</i>) Thioacetamide Induced	146
5	Eva Tyas Utami, Mahriani Mahriani, Denina Rama Deaz and Susantin Fajariyah	Effect of Turmeric Rhizome Extract (<i>Curcuma longa</i> L.) on the Liver Histology of Mice (<i>Mus musculus</i> L.) After Nicotine Exposure	158
6	Husnatun Nihayah, Budi Mulyaningsih and Sitti Rahmah Umniyati	Susceptibility Status of <i>Culex quinquefasciatus</i> to Malathion In Brebes Regency, Indonesia	143
7	Rike Oktarianti, Nadya Rismana Fitriani, Ni'matuz Zahroh, Syubbanul Wathon, Kartika Senjarini	The Apyrase Activity of 67 kDa Immunogenic Protein from Salivary Gland of <i>Aedes albopictus</i> (Diptera : Culicidae)	42
8	Dwi Setyati, Hari Sulistiyowati, Fuad Bahrul Ulum, Nova Maulidatih, and Tri Ratnasari	Phytochemical Screening of Orchid <i>Dendrobium linearifolium</i> and <i>Vanda tricolor</i> from Mount Gunitir, Jember Regency	153

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Time	:	Tuesday, November 16 th 2021 (09.45-11.15 WIB)
Link Zoom Room 5	:	https://unej.id/AppliedSciencesTuesday5
Meeting ID	:	974 5072 2219
Passcode	:	ICOLIB4
Moderator	:	Ruth Linsky
Fasilitator- Operator	:	Annisa`ul Jannah, S.Si. - Axgrandchy Octrilia
Zoom User Name Format	:	2.1.5_Abstract Number_Full Name ex: 2.1.5_85_Yemi Ulviani

No.	Authors	Title	Abstract Number
1	Yemi Ulviani, Asmarani Kusumawati, Erif Maha Nugraha Setyawan, Aulia Rahman, Lalu Unsunnidhal, Kurniawan Dwi Prihantoko, Ilham Fathurrahman	Molecular Verification Sexing Semen of Limousine Cattle (<i>Bos taurus</i>) by Polymerase Chain Reaction (PCR)	85
2	Maria Marina Herawati, Endang Pudjihartati and Andree Wijaya Setiawan	Changing of Morphological, Anatomical, Cytological Characteristic and Artemisinin Content in Artemisia Cina by Colchicine Treatment	87
3	Nenden Nurhasanah, Fadilah Fadilah, Anton Bahtiar	Prediction of Active Compounds of Muntingia Calabura as Potential Treatment for Chronic Obstructive Pulmonary Diseases by Network Pharmacology Integrated With Molecular Docking	89
4	Reni Ustiatik, Yulia Nuraini, Suharjono Suharjono and Eko Handayanto	Mercury-Resistant Endophytic Bacteria Enhance Mercury Accumulation of Tropical Grasses	98
5	Dewi Ratih Tirto Sari and Reni Ustiatik	In Silico Insight of Brewed Coffee Compounds as Neuroprotective Effects	99
6	Kartika Senjarini, Lailly Nur Uswatul Hasanah, Nur Amalina Fauziyah, Rike Oktarianti & Syubbanul Wathon	ITS2 (Internal Transcribed Spacer 2) Molecular Based Identification of Main Dengue Vector <i>Aedes aegypti</i> From Summersari, Jember - Indonesia	149
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Time	:	Tuesday, November 16 th 2021 (13.00-14.30 WIB)
Link Zoom Room 1	:	https://unej.id/HealthMedicineTuesday4
Meeting ID	:	976 3655 3077
Passcode	:	ICOLIB4
Moderator	:	Moh. Mirza Nuryadi, S.Si., M.Sc.
Fasilitator- Operator	:	Farah Salma Elida, S.Si. - Silvi Samro'atul Ilmi
Zoom User Name Format	:	2.2.1_Abstract Number_Full Name ex: 2.2.1_118_Indahtul Mufidah

No.	Authors	Title	Abstract Number
1	Indahtul Mufidah, Dono Indarto and Budiyantri Wiboworini	Correlations of Eating Frequency and Time of Fruits and Vegetables With Body Mass Index, Waist Circumference and Waist Circumference-Height Ratio Among Female Adolescents In The Boarding School Darussalam Gontor	118
2	Mustika Pramestiyani, Soetrisno Soetrisno, Dono Indarto, Bambang Purwanto and Muhammad Arif Husein	Comparisons of Micronutrient and Phytochemical Contents Between Fractions and Extract of Snake Fruit Seeds (<i>Salacca edulis</i> Reinw) for Anemia Treatment	119
3	Ade Arsianti, Maya Dorothea and Anton Bahtiar	In Vitro Cytotoxicity of Gallic Acid Derivatives (Alkyl Gallates) Against Breast MCF-7 Cancer Cells	65
4	Titik Mardiyanti Sofyah	Effervescent Tablets Formulation Antioxidant Extract Combination Wooden Secang (<i>Caesalpinia sappan</i> L) and Red Ginger (<i>Zingiber officinale</i> Amarum) Variation of Citric Acid-Tartaric Acid	141
5	Ferry Pergamus Gultom	Genetics and Epigenetics Aspect of Thalasemia	68
6	Agus Hariyanto, Yetty Septiani Mustar, Bayu Agung Pramono, Anindya Mar'atus Sholikhah, Anna Noordia, Dita Yuliasid, Ananda Perwira Bakti and Chia Hua Kuo	Rhodiola/Cordyceps - an Overview of Herbal Drink as an Immunomodulator in Improving Athlete Performance and Health	157
7	Suhani Agarwal	Formation of Ndma From Ranitidine: A Review	26

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Time	:	Tuesday, November 16 th 2021 (13.00 – 14.30 WIB)
Link Zoom Room 2	:	https://unej.id/BasicSciencesTuesday7
Meeting ID	:	939 5100 3744
Passcode	:	ICOLIB4
Moderator	:	Dr. rer.nat. Fuad Bahrul Ulum, S.Si., M.Sc.
Fasilitator- Operator	:	Nida An Khafiyya, S.Si. - Axgrandchy Octrilia
Zoom User Name Format	:	2.2.2_Abstract Number_Full Name ex: 2.2.2_173_Tri Ratnasari

No.	Authors	Title	Abstract Number
1	Tri Ratnasari, Linda Susilowati, and Dwi Setyati	Inventory of Orchids in a Coffee Plantation Area in Gunung Gumitir, Jember Regency	173
2	Yulmira Yanti, Hasmiandy Hamid, Reflin and Yaherwandi	Screening of Indigenous Rhizospheric Cyanobacteria From Tanah Karo Regency to Promote Growth Rate of Tomato	16
3	Vilya Syafriana, Amelia Febriani and Hera Ratnasari	Phytochemical Screening and Antimicrobial Activity of Cordyline Fruticosa Leaves Against Shigella dysenteriae and Candida albicans	139
4	Yunus Effendi, Zatil Ismah, Yati Anisa Rowi and Arief Pambudi	Functional Analysis and Molecular Characterization of Endophytic Bacteria Isolated from the Raja Bulu Banana Plants Against The Fungal Pathogen Fusarium oxysporum	135
5	Nur Fariza M.Shaipulah, Nur Izyan Syakirah Abu Bakar and Norlyiana N.R Azmee	The Induction of Leaves Trichomes by Aphid's Infestation on Chili Plant	21
6	Getari Kasmiarti, Hermansyah, Poedji Loekitowati Hariani, Novia and Dwita Oktiarni	Isolation and Characterization of Indigenous Yeast From Coconut (Cocos nucifera L.) Water in Different Growing Media	137
7	Ramdhan Putrasetya, Reni Rusdianti, Viara Septaninda Sugianto, Rudju Winarsa and Kahar Muzakhar	An Extracellular Cellulase Production Under Solid-State Fermentation of Coffee Pulp Waste by <i>Aspergillus</i> sp. VTM1 and its Purification	122

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Time	: Tuesday, November 16 th 2021 (13.00 – 14.30 WIB)
Link Zoom Room 3	: https://unej.id/BasicSciencesTuesday8
Meeting ID	: 549 302 8585
Passcode	: ICOLIB4
Moderator	: Selvy Ariyunita, S.Si., M.Sc.
Fasilitator- Operator	: Sindhi Wahidatul Ikrimah, S.Si. - M. Tentrem Wijaya
Zoom User Name Format	: 2.2.3_Abstract Number_Full Name ex: 2.2.3_117_Grace Roma Artha Samosir

No.	Authors	Title	Abstract Number
1	Grace Roma Artha Samosir, Ellyas Alga Nainggolan, Meiyer Marthen Kinda and Dedy Anwar	Isolation and Identification of Biogas-Producing Methanogenic Bacteria from Cow Manure	117
2	Endah Puspitasari, Fanitika Imansari, Banun Kusumawardani and Ika Rahmawati Sutejo	Validation Method and Daidzein Content Determination in <i>Aspergillus oryzae</i> And <i>Rhizopus oligosporus</i> Combination Fermented Edamame Using TLC Densitometry	116
3	Tantri Febriana Putri, Brian Wasita, Dono Indarto	The Effects of Ethanol Extract of Asian Pigeonwings (<i>Clitoria ternatea</i> L.) Flower on Body Weight and Malondialdehyde Level In Diabetes Rat Model	70
4	Yuliana Heri Suselo, Dono Indarto, Brian Wasita and Hartono	The Cytotoxicity Effect of Ethanol Extract and Alkaloid Fraction of <i>Mirabilis jalapa</i> Leaves In Hepatocarcinoma (HEPG2) Cell Line	125
5	Junairiah, Ni'matuzahroh, Lilis Sulistyorini, Nabilah Istighfari Zuraidassanaaz	Effect of Abiotic and Biotic Elicitors on Callus and Suspension from <i>Piper betle</i> L. Var. Nigra	77
6	Apriwi Zulfitri, Arief Heru Prianto, Ananda Pratama Juanda, Ikhsan Guswerivo	Effect of Organic Solutions in Extraction of Azadirachtin from Neem Seed Cake	82
7	Yanti Yanti, Evelyn Evelyn, Arthur Pratito Limawan and Dionysius Subali	Study on Plant Proteases Derived from Fingerroot by In-Gel Zymographic Analysis	164

Parallel Oral Session 2.2: Applied Sciences

Time	: Tuesday, November 16 th 2021 (13.00-14.30 WIB)
Link Zoom Room 4	: https://unej.id/AppliedSciencesTuesday6
Meeting ID	: 981 6525 9385
Passcode	: ICOLIB4
Moderator	: Fefi Eka Wardiani, S.Si., M.Sc.
Fasilitator- Operator	: Nadhea Ayu Sukma, S.Si. - Rivan Andika
Zoom User Name Format	: 2.2.4_Abtract Number_Full Name ex: 2.2.4_22_Arrin Rosmala

No.	Authors	Title	Abstract Number
1	Arrin Rosmala, Selvy Isaeni, Wildan Rabbani and Wanti Setiawati	Optimizing the Growth of Tasikmalaya Honje (<i>Etilingera elator</i>) Accession Seeds by Implementing Fermentation of Rabbit Urine and Coconut Water	22
2	Andi Kurniawan and Yasuaki Fukuda	Analysis of the Electric Charge Properties of Biofilm Polymers for the Development of Biofilm Matrices as Biosorbents for Water Pollutants	29
3	Mukhamad Su'udi, Waki'atil Rosida, Dwi Setyati	DNA Barcode of Vanda tricolor Based on MatK Sequence	171
4	Ana Widiana	The Potential of Cajuput Leaf Waste as Organic Fertilizer on Tomato Plant Growth	156