



CONFERENCE PROGRAM

NATIONAL BIOTECHNOLOGY CONFERENCE 2024

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INSTITUTE OF BIOTECHNOLOGY



CONFERENCE PROGRAM

NATIONAL BIOTECHNOLOGY CONFERENCE 2024

CONFERENCE ORGANIZER

Hue University
Institute of Biotechnology, Hue University

HOSTED BY

Institute of Biotechnology, Hue University

CONFERENCE CO-ORGANIZER

Ministry of Science and Technology
Vietnam Society for Biotechnology
Department of Science and Technology of Thua Thien Hue province
Vietnam Association of Regenerative Medicine and Cell Therapy

Venue:

Indochine Palace Hotel, 105A Hung Vuong Street, Hue City

10^{Years}
DNA
2014 – 2024



Hue City, September 25-26th, 2024

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Vietnam Association of Regenerative Medicine and Cell Therapy



Venue: Indochine Palace Hotel, 105A Hung Vuong Street, Hue City, Vietnam

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1. Prof. Nguyen Thanh Liem *Vinmec Research Institute of Stem Cell and Gene Technology* Chair
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CONFERENCE PROGRAM

Venue: Indochine Palace Hotel, 105A Hung Vuong st., Hue city, Thua Thien Hue province, Vietnam

Time: 25-26th, September 2024

* 25th, September 2024

Time	Events	Organization	Venue
14:00 - 16:30	Registration and poster hanging	- Department of Science and Technology of Thua Thien Hue Province - Institute of Biotechnology, Hue University	Exhibition hall (1 st Floor)
16:30 - 17:00	Opening ceremony of Exhibition of scientific and technological products		
17:00 - 17:30	Exhibition of scientific and technological products		

* 26th, September 2024

Time	Events	Venue
7:00 - 8:00	Registration and poster hanging	Registration hall (1 st Floor)
8:00 - 8:10	Welcome and introduction	Conference room (1 st Floor)
8:10 - 8:15	Opening speech by President of Hue University Assoc. Prof. Le Anh Phuong , Chair of Organizing Committee	
8:15 - 8:20	Welcome speech by representative of Ministry of Science and Technology	
8:20 - 8:25	Welcome speech by Leader of Thua Thien Hue province	
8:25 - 8:30	Welcome speech by Vietnam Society for Biotechnology Prof. Le Tran Binh , President of Vietnam Society for Biotechnology	
PLENARY SECSION		
8:30 - 8:45	<u>Speaker:</u> Assoc. Prof. Truong Thi Hong Hai Institute of Biotechnology, Hue University <u>Title:</u> The 10-year journey of the Institute of Biotechnology, Hue University - notable accomplishments <u>Chair:</u> Prof. Le Tran Binh, President of Vietnam Society for Biotechnology	Conference room (1 st Floor)

Time	Events	Venue
8:45 - 9:10	<p><u>Speaker:</u> Prof. Chi-Ying F. Huang National Yang Ming Chiao Tung University, Taiwan</p> <p><u>Title:</u> Drug repurposing: from big data to therapeutics</p> <p><u>Chair:</u> Prof. Nguyen Thanh Liem, Vinmec Research Institute of Stem Cell and Gene Technology</p>	
9:10 - 9:35	<p><u>Speaker:</u> Prof. Hoang Nghia Son Institute of Tropical Biology, Vietnam Academy of Science and Technology</p> <p><u>Title:</u> Research on the application of biotechnology to domesticate, breed, and conserve wild animal genetic resources</p> <p><u>Chair:</u> Prof. Phan Van Chi, Institute of Biotechnology, Vietnam Academy of Science and Technology</p>	
9:35 - 10:00	<p><u>Speaker:</u> Assoc. Prof. Dong Van Quyen Institute of Biotechnology, Vietnam Academy of Science and Technology</p> <p><u>Title:</u> Advances in metagenomics and its application in exploring the gut microbiota of honeybees and developing biological products for disease treatment</p> <p><u>Chair:</u> Assoc. Prof. Truong Thi Hong Hai, Institute of Biotechnology, Hue University</p>	
10:00 - 10:30	Coffee break, poster viewing, and visit the exhibition	
10:30 - 10:45	<p><u>Speaker:</u> Dr. Luu Quang Minh Department of Science and Technology for Economic Technical Branches, Ministry of Science and Technology</p> <p><u>Title:</u> Development and application of biotechnology serving sustainable development of the country in relation with international integration</p> <p><u>Chair:</u> Assoc. Prof. Dong Van Quyen, Institute of Biotechnology, Vietnam Academy of Science and Technology</p>	Conference room (1 st Floor)
10:45 - 10:55	Sponsorship Certificate and Conference Photo	Conference room (1 st Floor)
10:55 – 11:00	Moving to session presentations	
SESSION PRESENTATIONS		
11:00 - 12:00	Presentation at conference sessions	Conference rooms
12:00 - 13:00	Lunch	Dining room (3rd Floor)

National Biotechnology Conference 2024 - Conference Program

Time	Events	Venue
13:00 - 13:30	Coffee break, poster viewing, and exhibition visiting	Exhibition hall (1st Floor)
13:30 - 15:00	Presentation at conference sessions	Conference rooms
15:00 - 15:30	Coffee break, poster viewing, and exhibition visiting	Exhibition hall (1st Floor)
15:30 - 16:30	Presentation at conference sessions	Conference rooms
16:30 - 17:00	Best Oral and Poster Presentations Award Ceremony	Conference room (1 st Floor)
17:00 - 17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025	
17:15 - 17:30	Closing Ceremony	

SESSION PRESENTATIONS

Session: Gene Technology

Time	Code	Speaker	Title	Venue
11:00-11:15	GE-O-01	Assoc. Prof. Le Xuan Tham Vanlang University	Data supplements for revisions on shiitake biodiversity in Vietnam and establishment of a new species <i>Lentinula platinedodes</i> with multigenes sequencing	Conference room No.3 (2 nd Floor)
11:15-11:30	GE-O-02	Assoc. Prof. Trinh Ngoc Nam Industrial University of Ho Chi Minh City	Analysis of the microbial community in the initial fermentation stage of traditional fish sauce using metagenomics	
11:30-11:45	GE-O-03	Dr. Nguyen Cuong LOBI Vietnam	Application of artificial intelligence to prediction antibiotic resistant <i>Escherichia coli</i> bacteria	
11:45-12:00	GE-O-04	Dr. Do Tien Phat Institute of Biotechnology, VAST	A success in development and utilization of prime editing system for rice genome editing in Vietnam	
12:00-13:00	Lunch break			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	GE-O-05	Ms. Tingting Zhu Pacific Biosciences	Shifting paradigms with Pacbio HiFi sequencing	Conference room No.3 (2 nd Floor)
13:45-14:00	GE-O-06	BSc. Pham Thi Kieu Duyen University of Science, Vietnam National University, Hanoi	Molecular cloning and sequence analysis of <i>glpF</i> gene encoding the glycerol facilitator in <i>Escherichia coli</i>	
14:00-14:15	GE-O-07	BSc. Luu Minh Duc Institute of Biotechnology, VAST	Sequencing and analysis S1 gene of porcine epidemic diarrhea virus isolated in Hung Yen in 2023	

Time	Code	Speaker	Title	Venue
14:15-14:30	GE-O-08	Dr. Le Nguyen Tieu Ngoc Institute of Biotechnology and Environment, Tay Nguyen University	The functional role of rRNA methyltransferase enzyme, CMAL, in <i>Arabidopsis</i> growth and development	
14:30-14:45	GE-O-09	BSc. Nguyen Hoang Minh BCE Viet Nam	Innovative tools for efficient CRISPR/Cas genome engineering	
14:45-15:00	GE-O-10	Dr. Do Hoang Dang Khoa Nguyen Tat Thanh University	Development of molecular markers for species identification in <i>Ochnaceae</i> inferred from chloroplast genome sequences	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	GE-O-11	Dr. Bui Phu Nam Anh Ho Chi Minh City Open University	Development of screening test for dominant allele of <i>pdct</i> gene causing feline hypertrophic cardiomyopathy	Conference room No.3 (2 nd Floor)
15:45-16:00	GE-O-12	MSc. Tran Quang Sang Nha Trang University	DNA barcoding of ichthyoplankton (Order: Clupeiformes) distribution in the coastal of Vietnam	
16:00-16:15	GE-O-13	BSc. Do Duc Duy Vazyme Biotech Co., Ltd	Vazyme epigenetics solutions	
16:15-16:30	GE-O-14	MSc. Nguyen Truong Giang Biotechnology Center of Ho Chi Minh City	Molecular identification and <i>in vitro</i> propagation of <i>Cymbidium finlaysonianum</i>	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

Session: Biochemical and Protein Engineering

Time	Code	Speaker	Title	Venue
11:00-11:15	PR-O-01	Dr. Ho Thi Thu Hoai University of Agriculture and Forestry, Hue University	Improvement hydrogen production by remodeling photosystem I of <i>Chlamydomonas reinhardtii</i>	Conference room No.8 (3 rd Floor)
11:15-11:30	PR-O-02	Dr. Ta Ngoc Ly Da Nang University of Science and Technology	Development of medical products from natural antibacterial materials: a solution to antibiotic-resistant bacteria	
11:30-11:45	PR-O-03	Dr. Nguyen Van Tam Institute of Applied Science and Technology, School of Technology, Van Lang University	Extraction of nanocellulose from sugarcane bagasse using enzymatic extraction method for biodegradable food packaging application	
11:45-12:00	PR-O-04	MSc. Nguyen Thanh Tan University of Science, Vietnam National University, Ho Chi Minh City	Expression of Toll-like receptor 22 of <i>Pangasianodon hypophthalmus</i> and evaluation of the interaction with bacteria	
12:00-13:00	Lunch			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	PR-O-05	BSc. Do Duc Duy Vazyme Biotech Co., Ltd	Development and application of amplification enzymes	Conference room No.8 (3 rd Floor)
13:45-14:00	PR-O-06	MSc. Nguyen Thien Phuong Biotechnology Center of Ho Chi Minh City	Construct a drug screening model against human influenza A virus	
14:00-14:15	PR-O-07	MSc. Nguyen Xuan Hieu Institute of Biotechnology, Hue University	Isolation and characterization of antagonistic bacterial strains for the biocontrol of collar rot caused by <i>Aspergillus niger</i> van Teighem in groundnut (<i>Arachis hypogaea</i> L.)	

Time	Code	Speaker	Title	Venue
14:15-14:30	PR-O-08	MSc. Le Phuong Uyen International University – Vietnam National University of Ho Chi Minh City	Determination of optimal conditions for the enhancement in saponins extraction from Dang Sam (<i>Codonopsis pilosula</i> Nannf.)	
14:30-14:45	PR-O-09	MSc. Nguyen Van Linh Biotechnology Center of Ho Chi Minh City	Study on the preparation of Se-ZnO in β -glucan by irradiation method	
14:45-15:00	PR-O-10	MSc. Le Kha Han VNUHCM – University of Science	Study on the expression conditions of soluble recombinant urate oxidase in endotoxin-free <i>Escherichia coli</i> strain	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	PR-O-11	MSc. Bui Bao Thinh Biotechnology Center of Ho Chi Minh City	Effects of protein extraction methods on the biological activities of earthworm extract (<i>Perionyx excavatus</i>)	Conference room No.8 (3 rd Floor)
15:45-16:00	PR-O-12	MSc. Truong Thi Bich Ngoc VNU-HCM, University of Science	Anticancer activities of extracts and compounds isolated from chum duong fruit (<i>Sphaerocoryne affinis</i>) on ovarian cancer cell line	
16:00-16:15	PR-O-13	MSc. Ha Quang Thanh Ho Chi Minh City Biotechnology Center	<i>In vitro</i> antioxidant and <i>in vivo</i> sedative, analgesic activities of <i>Passiflora foetida</i> extracts	
16:15-16:30	PR-O-14	BSc. Luong Trung Hieu VNU University of Science, Vietnam	Synthesis of nanobody A8 and J10 specifically binding to botulinum neurotoxin light chains type A and type B for the purpose of detecting and neutralizing the toxin	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

Session: Cell Technology

Time	Code	Speaker	Title	Venue
11:00-11:15	CE-O-01	Dr. Nguyen Thi Hai Thanh Institute for Biotechnology and Environment, Nha Trang University	Generating the mutant of <i>Amphiprion ocellaris</i> embryos by editing Tyrosinase (Tyr) gene using Crispr/Cas9 system	Conference room No. 2 (2 nd Floor)
11:15-11:30	CE-O-02	Dr. Nguyen Cam Ha Institute of Biotechnology, Vietnam Academy of Science and Technology	Research on two-phase cultivation for enhancing high growth and astaxanthin accumulation from green microalgae <i>Haematococcus pluvialis</i> HB oriented for making the health human protective food	
11:30-11:45	CE-O-03	Mr. Pham Trung Nghia An Thinh medical equipment investment limited company	Stereo-seq, a single-cell resolution, unbiased spatial whole transcriptomics technology with broad applications in biological research	
11:45-12:00	CE-O-04	MSc. Le Thi Bich Thuy Ho Chi Minh City Agricultural Technical College.	Isolation and characterization canine bone marrow-derived mesenchymal stem cells in knee cartilage repair.	
12:00-13:00	Lunch			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	CE-O-05	Dr. Tran Thi Thanh Khuong Institute of Food and Biotechnology, Can Tho University	Effectiveness of curcumin in improving goat sperm quality: study on a bisphenol a exposure and cryopreservation model and cold storage	Conference room No. 2 (2 nd Floor)
13:45-14:00	CE-O-06	Mr. Edmond Chua DKSH technology co.ltd	Full spectrum profiling™ (FSP™) Cytek® Aurora and Northern lights™	
14:00-14:15	CE-O-07	MSc. Dao Thi Phuong HP Fertility, Hai Phong International Hospital of Obstetrics and Pediatrics	Optimal ICSI timing of rescued <i>in vitro</i> matured mii oocytes derived from immature mi oocytes under timelaspe monitoring system	
14:15-14:30	CE-O-08	BSc. Tran Quoc Viet IVMFD Phu Nhuan, My Duc Phu Nhuan Hospital, Ho Chi Minh City, Vietnam	Impact of low versus air oxygen tension on oocyte maturation during biphasic IVM in PCOS: a sibling oocyte pilot study	

Time	Code	Speaker	Title	Venue
14:30-14:45	CE-O-09	MSc. Nguyen Van Trung Center for Reproductive Endocrinology and Infertility, Hue University of Medicine and Pharmacy, Hue University	Micromanipulation retrieval of sperm <i>in in-vitro</i> fertilization in cases of severe oligoasthenoteratozoospermia	
14:45-15:00	CE-O-10	Mr. Nguyen Quang Thai University of Science and Technology of Hanoi, Vietnam Academy of Science and Technology	Diisopropylamine dichloroacetate and fenbendazole exert anti-cancer effects by inducing apoptosis and arresting the cell cycle in A549 lung cancer cells	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	CE-O-11	MSc. Pham Thi Vang Biotechnology Center of Ho Chi Minh City	Isolation and characterization of stemness in one-day-old porcine chondrocytes for bio-membrane fabrication	
15:45-16:00	CE-O-12	MSc. Nguyen Thi Thai Thanh Center for Reproductive Endocrinology and Infertility, Hue University of Medicine and Pharmacy, Hue University	The correlation between the recovery potential of vitrified-warmed blastocysts and pregnancy outcomes in frozen embryo transfer cycles	Conference room No. 2 (2 nd Floor)
16:00-16:15	CE-O-13	BSc. Nguyen Hoang Khoi Nguyen University of Science, Vietnam National University Ho Chi Minh City	Study on the anti-cancer activity of <i>Elephantopus mollis</i> extracts on the ovarian cancer Caov-3 cell line	
16:15-16:30	CE-O-14	MSc. Le Thanh Khang Quy Nhon University	Antioxidant and antibacterial activity of fermentation of <i>Curcuma aromatica</i> Salisb	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			Conference room (1st Floor)
17:15-17:30	Closing Ceremony			

Session: Microbiology, Food and Environmental Biotechnology

Time	Code	Speaker	Title	Venue
11:00-11:15	MFE-O-01	Dr. Ton That Huu Dat Mien Trung Institute for Scientific Research	Diversity of bacterial communities associated with marine sponges and their biosynthesis gene clusters of secondary metabolites based on 16S metagenomics and shotgun metagenomics	Conference room No. 5&6 (2 nd Floor)
11:15-11:30	MFE-O-02	Eng. Tran Kien Cuong NTT Hi-Tech Institute, Nguyen Tat Thanh University	Evaluate the role of plasmids in the antibiotic resistance mechanism of <i>Edwardsiella ictaluri</i> bacteria isolated from climbing perch (<i>Anabas testudineus</i>) with hepato-renal-purulent disease	
11:30-11:45	MFE-O-03	BSc. Tran Van Thang Faculty of Biology, VNU Hanoi University of Science	Identification of some cyanobacteria strains isolated in Soc Son, Ha Noi and evaluation of their inhibitory activity against <i>Vibrio parahaemolyticus</i>	
11:45-12:00	MFE-O-04	MSc. Huynh Ngan Ha United Scientific Ltd.	Sequencing by avidity improves cost per sample with improved quality for 16S and metagenome sequencing	
12:00-13:00	Lunch			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	MFE-O-05	Dr. Thai Hanh Dung University of Science, Vietnam National University, Hanoi	Investigation of gene function in the filamentous fungus <i>Aspergillus niger</i> employing <i>Agrobacterium tumefaciens</i> -mediated transformation system	Conference room No. 5&6 (2 nd Floor)
13:45-14:00	MFE-O-06	Dr. Nguyen Thi Hai Institute of Microbiology and Biotechnology, Vietnam National University, Hanoi	Purple nonsulfur bacteria as microbial additive in the biomimetic coating layer to protect sewer concrete structures from corrosion attacks	
14:00-14:15	MFE-O-07	Dr. Ta Doan Thanh AVATAACK Co., Ltd, Four Pillars Group	Improving the efficiency of polyhydroxybutyrate production from crude glycerol using the <i>Escherichia coli</i> strain PHB-08	

Time	Code	Speaker	Title	Venue
14:15-14:30	MFE-O-08	Dr. Ong Dang Quang Viet Uc Seafood Joint Stock Company	Analyzing microorganisms in shrimp pond water using 16S fragment sequencing method	
14:30-14:45	MFE-O-09	Dr. Duong Hieu Linh Vietnamese-German University	Optimization of a methodology for the quantification of fungal biomass based on ergosterol in solid-state fermentation processes	
14:45-15:00	MFE-O-10	BSc. Lai Minh Thi KTest Science Co. Ltd.	Application of nanopore sequencing to rapidly identify environmental bacterial species	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	MFE-O-11	MSc. Nguyen Hoang Le HTI Scientific one member limited Company	Determination of methylmercury in sea food using HPLC – ICP-MS technique on the NEXSAR – NEXION	Conference room No. 5&6 (2 nd Floor)
15:45-16:00	MFE-O-12	Dr. Vu Dang Ha Quyen Institute for Biotechnology and Environment, Nha Trang University	Investigation of changes in the diversity of microbiome within the copepod <i>Acartia</i> sp. and its biological characteristics under the impact of extreme temperatures	
16:00-16:15	MFE-O-13	MSc. Do Nguyen Trong Tri University of science, Vietnam National University -Ho Chi Minh City	Investigating culture medium for yeast <i>Saccharomyces cerevisiae</i> expressing the <i>Aeromonas hydrophila</i> outer membrane protein Omp38	
16:15-16:30	MFE-O-14	Bui Duc Thinh University of Science and Technology of Hanoi	Distribution of potential pathogenic bacteria and antibiotic-resistant genes in the marine environment of Khanh Hoa province in dry season 2023	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

Session: Agricultural Biotechnology

Time	Code	Speaker	Title	Venue
11:00-11:15	AG-O-01	Dr. Vu Xuan Tao National Center for Technological Progress, Ministry of Science and Technology	Agricultural biotechnology in <i>Cordyceps militaris</i> production: application of genetic techniques in mushroom breeding and potential for new product development	Conference room No.1 (2 nd Floor)
11:15-11:30	AG-O-02	Dr. Ho Manh Tuong Institute of Biotechnology, Vietnam Academy of Science and Technology	<i>Serratia marcescens</i> sp. VIRS2 isolated from saline soil enhances rice growth and salt tolerance	
11:30-11:45	AG-O-03	Dr. Bui Thanh Liem PHU SA Bio-chemistry company limited	Short oligonucleotides in controlling gene expression: Potential applications in agriculture	
11:45-12:00	AG-O-04	MSc. Le Thuy To Nhu Faculty of Biotechnology, Ho Chi Minh City Open University	Effect of the combination floral and diet resources on development of big-eyed bug <i>Geocoris ochropterus</i> fieber (Hemiptera: Geocoridae) at different temperature	
12:00-13:00	Lunch			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	AG-O-05	Assoc. Prof. Dang Thuy Binh Nha Trang University	Comparative phylogeography of fishes in the lower Mekong basin-implications for anthropogenic impacts	Conference room No.1 (2 nd Floor)
13:45-14:00	AG-O-06	Eng. Pham Thi Tam Kon Tum College	Diversity of microalgae species in aquaculture ponds in Dak Ha, Sa Thay, and Kon Plong districts, Kon Tum province	
14:00-14:15	AG-O-07	MSc. Pham Thuy Duong VNU-Institute of Microbiology and Biotechnology, Vietnam National University Hanoi	Report on new foliar soft rot disease on Ginseng <i>Panax vietnamensis</i> and its biocontrol by ginseng endophytic bacterium <i>Bacillus velezensis</i> C15	

Time	Code	Speaker	Title	Venue
14:15-14:30	AG-O-08	Dr. Nguyen Thi Le Thuy Biotechnology Centre of Ho Chi Minh City	Characteristics of linezolid-resistant Staphylococci strains isolated from livestock environment	
14:30-14:45	AG-O-09	MSc. Bui Thi Thanh Tinh Biotechnology Centre of Ho Chi Minh City	Screening and evaluating the anti-bacterial activities of herbal extracts against <i>Streptococcus agalactiae</i> on the experimental tilapia model (<i>Oreochromis</i> sp.)	
14:45-15:00	AG-O-10	MSc. Le Thi Thu Thao Biotechnology Centre of Ho Chi Minh City	First report on the infection and virulence of <i>Streptococcus dysgalactiae</i> subsp <i>dysgalactiae</i> in frogs (<i>Rana</i> sp.)	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	AG-O-11	Dr. Lu Duc Bryce Viet Uc Seafood Joint Stock Company	Applying DNA technology in selecting broodstock in whiteleg shrimps	Conference room No.1 (2 nd Floor)
15:45-16:00	AG-O-12	MSc. Thi Hoa Rol Biotechnology Centre of Ho Chi Minh City	Enhancing commercial production efficiency of rainbow fish (<i>Melanotaeniidae</i>) through artificial breeding techniques and herbal supplementation	
16:00-16:15	AG-O-13	MSc. Tran Duc Trong Biotechnology Centre of Ho Chi Minh City	The growth stimulation and chitinase activity enhancement effects of irradiation synthesized silver nanoparticles/SiO ₂ stabilized in oligochitosan on Soybean	
16:15-16:30	AG-O-14	MSc. Truong Thi Oanh Nha Trang University	Prediction models for migration patterns of <i>Pangasus larnaudii</i> (Siluriformes: Pangasiidae) in the lower Mekong river basin	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

Session: Biopharmaceuticals and Biomedicine

Time	Code	Speaker	Title	Venue
11:00-11:15	ME-O-01	Dr. Tran Hong Loan Genome Science, Technology and Services Co. Ltd	<i>Indigofera suffruticosa</i> Mill. aerial part extract induces G2/M arrest and ATR/CHK1 pathway in Jurkat cells	Conference room No.7 (3 rd Floor)
11:15-11:30	ME-O-02	Assoc. Prof. Richard Truong Nguyen Beckman Research Institute and City of Hope National Medical Center, USA	Targeting mitochondrial metabolism vulnerabilities: a promising therapeutic approach to eradicate leukemic stem cells in AML	
11:30-11:45	ME-O-03	MSc. Nguyen Truong Thai Ha IVFMD, My Duc Hospital	Preimplantation genetic testing by next generation sequencing for rare genetic disease-junctional epidermolysis bullosa	
11:45-12:00	ME-O-04	MSc. Ngo Binh Thao Nghi University of Science, Vietnam National University-Ho Chi Minh city	Studying the role of UCH-11 (ubiquitin carboxyl-terminal hydrolase 11) in autism spectrum disorder on <i>Drosophila melanogaster</i> model	
12:00-13:00	Lunch break			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	ME-O-05	BSc. Nguyen Hong Phuc Nguyen Tat Thanh University	Presence and antibiotic resistance of <i>Staphylococcus aureus</i> in healthy individuals aged 18-25 in Ho Chi Minh city in 2023	Conference room No.7 (3 rd Floor)
13:45-14:00	ME-O-06	MSc. Luu Ngoc Anh QIAGEN Pte Co, Ltd	The future is digital: Qiagen digital PCR system-Qiacuity	
14:00-14:15	ME-O-07	MSc. Tran Thanh Long University of Science, Vietnam National University-Ho Chi Minh city	Study on the anti-migration and anti-invasion effects of extracts from <i>Elephantopus mollis</i> Kunth. on human lung cancer cell line	

Time	Code	Speaker	Title	Venue
14:15-14:30	ME-O-08	MSc. Vo Anh Kiet University of Science, Vietnam National University-Ho Chi Minh city	Electron beam irradiated-gum arabic stabilized selenium nanoparticles induces apoptosis in AGS gastric cancer cells via controlling thioredoxin and glutaredoxin expression	
14:30-14:45	ME-O-09	Assoc. Prof. Jongman Yoo VOS Discovery	Commercialization status and prospects of organoid-based regenerative therapeutics and drug evaluation platforms	
14:45-15:00	ME-O-10	BSc. Doan The Quang Vinh University of Science, Vietnam National University-Ho Chi Minh city	Study on the interaction of dUCH (drosophila ubiquitin C-terminal hydrolase) and parkin on Parkinson's disease in <i>Drosophila melanogaster</i> model	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	ME-O-11	MSc. Mai Thi Thu Trinh University of Science, Vietnam National University-Ho Chi Minh city	Effects of knockdown dUCH (<i>Drosophila</i> ubiquitin carboxylterminal hydrolase) on neuron's mitochondria of <i>Drosophila</i>	Conference room No.7 (3 rd Floor)
15:45-16:00	ME-O-12	BSc. Nguyen Cong Minh Huy University of Science, Vietnam National University-Ho Chi Minh city	The link of dUCH with JNK pathway on drosophila eye differentiation	
16:00-16:15	ME-O-13	Dr. Trinh Nhu Thuy DNA International Hospital, Ho Chi Minh City	Synergistic effect of metformin and vitamin D3 on osteogenic differentiation of human adipose tissue-derived mesenchymal stem cells under high D-glucose conditions	
16:15-16:30	ME-O-14	BSc. Phan Thi Ngoc Diem ABT Biological Solutions Co., Ltd	Evaluation of the quality of the Topsensi@STD-12 qPCR kit and its application in assessing HPV coinfection with STD agents in HPV test samples	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

Session: Regenerative Medicine and Cell Therapy

Time	Code	Speaker	Title	Venue
11:00-11:15	CT-O-01	Prof. Nguyen Thanh Liem Vinmec Research Institute of Stem Cells and Gene Technology	Applications of on-site manufactured CAR T-cell therapy for acute leukemia and lymphoma at Vinmec health care system	Conference room (1 st Floor)
11:15-11:30	CT-O-02	Prof. Margherita Maioli University of Sassari, Italy	Nanomaterials and natural compounds in skin regeneration and rejuvenation	
11:30-11:45	CT-O-03	Assoc. Prof. Do Xuan Hai Vietnam Military Medical Academy	Wound healing activity of cord blood platelet-rich plasma gel on experimental models	
11:45-12:00	CT-O-04	Zheng Zhuang EXODUS BIO Inc.	Exosome detection via the ultrafast-isolation system: EXODUS	
12:00-13:00	Lunch break			Dining room (3rd Floor)
13:00-13:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
13:30-13:45	CT-O-05	Assoc. Prof. Hoang Thi My Nhung Vietnam National University, Hanoi	Evaluating the biocompatibility of polycaprolactone scaffolds coated with PRP and PPP on umbilical cord-derived mesenchymal stem cells and fibroblasts	Conference room (1 st Floor)
13:45-14:00	CT-O-06	Dr. Le Thi Vi Tuyet Vietnam National University, HCM City	Collect and evaluate the effect of platelet-rich plasma gel on human endometrial stromal cells <i>in vitro</i>	
14:00-14:15	CT-O-07	Dr. Nguyen Hoang Thanh Van University of Medicine and Pharmacy, Hue University	Platelet-rich plasma and application experience in the treatment of musculoskeletal diseases at Hue University of Medicine and Pharmacy Hospital	
14:15-14:30	CT-O-08	Dr. Hoang Thanh Van Vinmec Research Institute of Stem Cells and Gene Technology	Tissue factor and coagulation in cell therapy using mesenchymal stem/stromal cells	

Time	Code	Speaker	Title	Venue
14:30-14:45	CT-O-09	Dr. Pham Le Buu Truc Biotechnology Center of HCM City	Exosome technology: from research to application	
14:45-15:00	CT-O-10	Dr. Dao Thi Mai Lan Vinmec Research Institute of Stem Cells and Gene Technology	Application of gene editing in the treatment of beta thalassemia	
15:00-15:30	Coffee break, poster viewing, and visit the exhibition			Exhibition hall (1st Floor)
15:30-15:45	CT-O-11	Dr. Phan Thanh Hao DNA International Hospital	Effect of autologous adipose tissue-derived stem cells transplantation in aging-related low-grade inflammation patients on proinflammatory cytokines and anti-inflammatory cytokines: a single-group, open-label, phase I clinical trial	Conference room (1 st Floor)
15:45-16:00	CT-O-12	MD. Pham Thi Viet Huong VINMEC TIMES CITY Hospital	Allogenic hematopoietic stem cell transplant in clinical case with mucopolysaccharidose type II	
16:00-16:15	CT-O-13	Dr. Truong Minh Dung Biotechnology Center of HCM City	Application of 3D structures from stem cells in cartilage regeneration	
16:15-16:30	CT-O-14	Dr. To Minh Quan Vietnam National University, HCM City	Study on the formation of spheroids from human dermal papilla cells as a model for hair follicle development	
16:30-17:00	Best Oral and Poster Presentations Award Ceremony			Conference room (1st Floor)
17:00-17:15	Transferring Flag for Next Host Organization National Biotechnology Conference 2025			
17:15-17:30	Closing Ceremony			

POSTER SESSION

NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
GENE TECHNOLOGY				
1	Dr. Le Nu Anh Thu	binhnguyencty@gmail.com	1-GE-P-01	Polymorphism of <i>CAST</i> gene associated to meat tenderness of yellow cattle raised in the central and southwestern of Vietnam
2	MSc. Ly Khanh Linh	lykali139@gmail.com	1-GE-P-02	Utilizing CRISPR/Cas9 technology to investigate the function of the <i>CLV3</i> gene in Vietnamese cucumber variety
3	MSc. Nguyen Lam Khanh Duy	huyb2202324@student.ctu.edu.vn	1-GE-P-03	Effect of sucrose and glycerol on vitrification of indigenous black rabbit spermatozoa
4	MSc. Van Hong Cam	camvh@ntu.edu.vn	1-GE-P-04	Evaluating the accuracy and reliability of metabarcoding for monitoring ichthyoplanktons in South-Central Vietnam
5	BSc. Nguyen Thi Ngoc Huyen	ngoc.huyen8393@gmail.com	1-GE-P-05	Decoding the transcriptomic landscape in elderly adults with acute myeloid leukemia at single-cell level by utilizing data from public databases
6	Dr. Nguyen Thanh Vu	thanhvubiotech@gmail.com	1-GE-P-06	Establishing a <i>keap1</i> gene knockout protocol using CRISPR-Cas9 technology in zebrafish (<i>Danio rerio</i>) in Vietnam
7	Dr. Tang Xuan Hai	phuongnhungvu317@gmail.com	1-GE-P-07	Genetic factors associated with drug responsiveness in Vietnamese epileptic children
8	Tran Dinh Phong	hvbiet@hcmuaf.edu.vn	1-GE-P-08	Detection of pepper chat fruit viroid (PCFVd) by RT-PCR on <i>Solanaceae</i> in Tien Giang
9	BSc. Ly Cam Tu	camtuly2711@gmail.com	1-GE-P-09	Construction of the interactive complex between human glycoprotein 2 (hGP2) and peptide GB1 using computational tools
10	MSc. Dang Ngoc Sang	htquang@hueuni.edu.vn	1-GE-P-10	Gene cloning, structure and characteristics prediction of UDP-glucuronosyltransferases (<i>UGT91A1</i>) from <i>Gynostemma pentaphyllum</i>
11	MSc. Nguyen Thi Lan Huong	giabaovuong10@gmail.com	2-GE-P-11	Genetic characteristics of 22 a-STR loci in the Vietnamese population

NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
12	MSc. Nguyen Thi Lan Huong	giabaovuong10@gmail.com	2-GE-P-12	Length and sequence heteroplasmy in mtDNA D-loop region of individuals from Kinh population in southern Vietnam
13	MSc. Le Viet Ngoc	ngoclv@dlu.edu.vn	2-GE-P-13	Identification and cultivation of <i>Hericium</i> sp. collected in Bidoup Nui Ba National Park
MICROBIOLOGY, FOOD AND ENVIRONMENTAL BIOTECHNOLOGY				
14	BSc. Le Ngoc Khoa	khoa.ln.63cnsh@ntu.edu.vn	2-MFE-P-01	Evaluation of the virulence of <i>Photobacterium damsela</i> strain causing the infectious hemorrhagic disease in golden pompano (<i>Trachinotus blochii</i>)
15	Dr. Nguyen Nhat Nam	nnnam@tvu.edu.vn	2-MFE-P-02	A novel design and fabrication of multifunctional polymerase chain reaction (PCR) based anodic alumium oxide (AAO) internalized gold nanoparticles
16	BSc. Nguyen Quynh Giang	dunghana.2007@gmail.com	2-MFE-P-03	Development of non dairy milk alternative based on rice and banana for lactose allergic people
17	MSc. Le Van Hau	lvhau.snn@tphcm.gov.vn	2-MFE-P-04	First research on lichen-like structure appearing in white-leg shrimp (<i>Litopenaeus vannamei</i>) ponds
18	BSc. Tran Thi Thao My	tranthaomy0208@gmail.com	2-MFE-P-05	Evaluation of genetic diversity of yeast strains isolated from red dragon fruit (<i>Hylocereus polyrhizus</i>)
19	Dr. Trinh Ngoc Hoang	hoangtn@tnus.edu.vn	2-MFE-P-06	The selection of bacterial strain <i>Chryseobacterium viscerum</i> HW314 from soil having antibacterial activity against multidrug-resistant pathogens
20	MSc. Vo Van Thanh	thanhvv@hcmue.edu.vn	2-MFE-P-07	Antibiotic resistance and phage susceptibility of <i>Vibrio</i> spp. pathogenic to whiteleg shrimp
21	MSc. Pham Do Tra My	tramy191993@gmail.com	3-MFE-P-08	Isolation and characterization of <i>Aeromonas hydrophila</i> bacteriophage from striped catfish ponds in Mekong delta, Vietnam

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22	BSc. Hoang Hanh Phuong	hanhphuong.hoang5328@gmail.com	3-MFE-P-09	A study on metagenomics of faecal samples from civet-digested coffee
23	Eng. Hoang Trung Duc	duc.hoang2903@hcmut.edu.vn	3-MFE-P-10	Isolation and characterization of bacteriophages to control enteric septicemia in striped catfish
24	Nguyen Hoang Cuong	cuong.nh.63cnsh@ntu.edu.vn	3-MFE-P-11	Research culture of <i>Trichoderma</i> spore receive on the lingzhi spent mushroom substrates
25	BSc. Nguyen Thi Tam	tamn8403@gmail.com	3-MFE-P-12	Assessment of yeast efficacy in controlling <i>Botrytis cinerea</i> YU2403, the cause of post-harvest decay in strawberries
26	MSc. Ngo Thi Cam Nhung	ntcnhung@ntt.edu.vn	3-MFE-P-13	Multi-antibiotic resistance trends of <i>Vibrio</i> bacteria isolated from shrimp aquaculture water in the southwest coastal area of Vietnam
27	Eng. Nguyen Le Huy Khanh	khanhlehuy121101@gmail.com	3-MFE-P-14	Evaluation of the fungal inhibition ability of coconut oil and garlic extract against <i>Candida tropicalis</i> NM1 isolated from post-harvested lychee fruit (<i>Litchi chinensis</i> Sonn.)
28	MSc. Nguyen Ngoc Thanh	nnthanh1080@gmail.com	3-MFE-P-15	Investigation of the interaction between antimicrobial peptides and plant essential oils in inhibition against potential pathogenic bacteria
29	Nguyen Truong Quoc Anh	caohue@tlu.edu.vn	3-MFE-P-16	Screening of biological activity of banana leaf extracts harvested in Van Giang, Hung Yen
30	Truong Quynh Mai	caohue@tlu.edu.vn	3-MFE-P-17	Evaluation of chemical composition and physicochemical properties of gelatin extracted from pig skin
31	Vo Duc Trung	trung.vd.63cnsh@ntu.edu.vn	4-MFE-P-18	Study on the diverse composition of gut microbiota in whiteleg shrimp (<i>Litopenaeus vannamei</i>) supplemented with <i>Bacillus</i> and <i>Lactobacillus</i>

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32	BSc. Le Phuong Linh	plinh324@gmail.com	4-MFE-P-19	Isolation, selection of lactic acid bacteria strains and evaluation of their antifungal activity against <i>Candida albicans</i>
33	MSc. Nguyen Thi Chinh	lanpt@ntu.edu.vn	4-MFE-P-20	Evaluation of the antimicrobial and proteolytic activities of lactic acid bacteria isolated from traditional fermented foods
34	BSc. Nguyen Minh Chau	minhchau912@gmail.com	4-MFE-P-21	Research on selecting optimal culture conditions for enhancing lipid accumulation of green microalga <i>Chlorella sorokiniana</i> for biofuel production
35	Dr. Duong Hieu Linh	linh.duong@vgu.edu.vn	4-MFE-P-22	Investigate the effectiveness of fungal pretreatment and enzymatic hydrolysis of wheat straw with a mixture of commercial enzymatic preparations
36	MSc. Pham Thi Lan	lanpt@ntu.edu.vn	4-MFE-P-23	Isolation and selection of chitinase-producing bacteria from hot springs at Truong Xuan, Khanh Hoa province
37	Eng. Nguyen Thi Kieu Linh	nnttien@hcmiu.edu.vn	4-MFE-P-24	Effects of substitution of heat-moisture treated unpolished red rice on physicochemical properties of composite flour, <i>in vitro</i> digestibility and quality of bread
38	Eng. Nguyen Thi Cam Nhi	nnttien@hcmiu.edu.vn	4-MFE-P-25	Physicochemical properties of composite flour and quality of bread supplemented with heat-moisture treated mung bean powder
39	Dr. Phan The Anh	nhtrunghieu@dut.udn.vn	4-MFE-P-26	Application of synthetic pva-gel in seafood processing wastewater treatment
40	MSc. Tran Ngoc Han	anh.nguyenthivan@hcmuaf.edu.vn	4-MFE-P-27	Investigation of the growth capability and phycocyanin accumulation of <i>Arthrospira platensis</i> under varying nutritional environments
41	Dr. Truong Phuoc Thien Hoang	hoangtp@hcmuaf.edu.vn	MFE-P-28	Evaluation of the effect of phosphate fertilizer content on the symbiosis of <i>Arbuscular mycorrhiza</i> fungi on maize roots under net house conditions

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AGRICULTURAL BIOTECHNOLOGY				
42	Dr. Nghi Khac Nhu	nknhu@tvu.edu.vn	6-AG-P-01	Micropropagation of my da strawberry (<i>Fragaria ananassa</i>) by meristem culture method
43	Nguyen Thi My Anh	nguyenthimyanh_t66@hus.edu.vn	6-AG-P-02	Evaluating the impact of overexpression of the <i>AtFT</i> gene on growth, development and flowering time in tobacco
44	BSc. Nguyen Nhat Tan	nhattan150401@gmail.com	6-AG-P-03	Effect of swim-up time and centrifugation speed on Boer goat sperm quality
45	Dr. Pham Anh Tuan	tuan.nipp@gmail.com	6-AG-P-04	Screening the strain of <i>Bacillus thuringiensis</i> subsp. <i>israelensis</i> for activity against larva of the yellow fever mosquito (<i>Aedes aegypti</i> Linneus)
46	Nguyen Thi Chuc Quynh	dung1172@gmail.com	7-AG-P-05	Application of bio-vaas.1 to control <i>Phytophthora</i> spp. and <i>Fusarium</i> spp. damaged on durian trees in Dak Lak province
47	Dr. Ha Tran Thi My Khanh	hvj@syu.ac.kr	7-AG-P-06	Ornamental <i>Echeveria</i> succulent leaf morpho-anatomical analysis and its implications to environmental stress conditions
48	BSc. Pham Tai Dung	hothanhtam2@duytan.edu.vn	7-AG-P-07	Effect of plant growth regulators on <i>in vitro</i> propagation of high-value plant species
49	Nguyen Hong Tham	hoquynhanh9404@gmail.com	7-AG-P-08	Evaluation of growth in hypoxic conditions of 20 rice varieties when using direct seeding method
50	MSc. Nguyen Quoc Trung	hoquynhanh9404@gmail.com	7-AG-P-09	Isolation and virulence determination of <i>Streptomyces</i> sp. C17 strain causing scab disease on potatoes
51	Bsc. Trinh Thi Cam Tran	ttctran@hcmus.edu.vn	7-AG-P-10	Cryopreservation of pig sperm using Mr. Frosty freezing container
52	MSc. Dinh Thi Lan Anh	nguyenthiminhnha342002@gmail.com	7-AG-P-11	Isolation and selection of actinomycete strains from durian cultivation soil in Dak Lak with antagonistic ability against <i>Phytophthora palmivora</i> fungus causing disease in durian trees

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53	Eng. Vo Duong Thanh Yen	duongthanhthuy@huaf.edu.vn	7-AG-P-12	Application of green seaweed (<i>Ulva</i>)-derived biostimulant and NPK fertilizer to the micropropagation culture medium of <i>Cymbidium</i> golden vanguard
54	Tran Phuong Kien	kien.tp.63cnsh@ntu.edu.vn	7-AG-P-13	Initial study on the ichthyoplankton distribution of percomorpha fish in Quang Ninh coastline, Vietnam
55	Eng. Le Quang	anh.bpn@ou.edu.vn	7-AG-P-14	Development of multiplex PIRA-PCR in detecting variants associated with blue eggshell in duck
56	Nguyen Van Dai	anh.bpn@ou.edu.vn	8-AG-P-15	Frequency of 140 kb deletion within <i>LIX1</i> gene in Maine Coon cat population
57	Dr. Bui Phu Nam Anh	anh.bpn@ou.edu.vn	8-AG-P-16	Application of PCR-RFLP for screening dominant allele of <i>DNT</i> gene causing polycystic kidney disease in cats
58	Dr. Tran Minh Dinh	tmdinh@ttn.edu.vn	8-AG-P-17	Analysis of the genome sequence of <i>Paenibacillus elgii</i> YSY-1.2, a promising chitinase-producing, plant-growth-promoting, and biocontrol agent
59	Dr. Trinh Ngoc Ai	ngocai@tvu.edu.vn	8-AG-P-18	Micropropagation of phap strawberry (<i>Fragaria ananassa</i>) by meristem culture method
60	Assoc. Prof. Hoang Thi Kim Hong	hoangtkimhong@duytan.edu.vn	8-AG-P-19	Study on the growing, developing and determining the characteristics of CAM (Crassulacean acid metabolism) in the ice plant (<i>Mesembryanthemum crystallinum</i> L.)
61	MSc. Nguyen Nhu Yen	ngotuongchau@gmail.com	8-AG-P-20	Use of an endophytic bacterium for biopreservation of post-harvested strawberry fruit
62	Dr. Vu Xuan Tao	taovx.tsa@gmail.com	8-AG-P-21	Agricultural biotechnology in <i>Cordyceps militaris</i> production: application of genetic techniques in mushroom breeding and potential for new product development
63	MSc. Nguyen Thi Kim Co	ntkimco@hueuni.edu.vn	8-AG-P-22	Study on the capacity to inhibit <i>Vibrio parahaemolyticus</i> of <i>Bacillus subtilis</i> isolated in Cau Hai lagoon, Thua Thien Hue

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64	MSc. Thach Thi Ngoc Yen	thachyen31@gmail.com	8-AG-P-23	Effect of pre-harvest <i>Lactobacillus</i> bio-production on post-harvest rambutan quality (<i>Nephelium lappaceum</i> L.)
65	Phung Truong Trinh	cd.ha@vnu.edu.vn	8-AG-P-24	Identification, characterization and expression profiles of genes encoding jasmonic acid carboxyl methyltransferase in cassava (<i>Manihot esculenta</i>)
66	BSc. Nguyen Thi Minh Nha	nguyenthiminhnha342002@gmail.com	AG-P-25	Study in isolation of secondary metabolites with antifungal activity against <i>Phytophthora palmivora</i> causing disease in durian trees from actinomycete strain NMN64
CELL TECHNOLOGY				
67	MSc. Nguyen Lam Khanh Duy	anhb2202314@student.ctu.edu.vn	5-CE-P-01	Surveying the effects of ascorbic acid and ginger powder on the quality of goat sperm treated with hydrogen peroxide
68	MSc. Pham Duy Khuong	pdkhuong@hcmus.edu.vn	5-CE-P-02	Developing an <i>in vitro</i> cisplatin resistance model on Vietnamese breast cancer cells
69	MSc. Huynh Duc Phat	hdphat@hcmus.edu.vn	5-CE-P-03	Anti-Aging Effects of Deer Antler Stem Cell Secretions on <i>in vitro</i> Aging Models
70	Le Thi Thanh My	hothanhtam2@duytan.edu.vn	5-CE-P-04	<i>In vitro</i> propagation and initial assessment of biological activities of <i>Polygonum multiflorum</i> Thunb
71	Dr. Ho Thanh Tam	hothanhtam2@duytan.edu.vn	5-CE-P-05	Factors affected adventitious root proliferation of Ngoc Linh ginseng (<i>Panax vietnamensis</i> Ha et Grushv.)

NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
72	BSc. Ngo Vu Bao Tran	hothanhtam2@duytan.edu.vn	5-CE-P-06	Effects of auxin and explant types on adventitious roots induction and proliferation of <i>Centella asiatica</i>
73	Nguyen Phuong Linh	linh.np.63cnsn@ntu.edu.vn	5-CE-P-07	Primary culture of lymphatic tissue cells from whiteleg shrimp (<i>Litopenaeus vannamei</i>)
74	MSc. Pham Truong Duy	btptduy@gmail.com	5-CE-P-08	Establishment of storage method for cloned bovine embryos before transferring to surrogate cow
75	BSc. Bui Dinh Khan	bdkhan@hcmus.edu.vn	5-CE-P-09	Unravelling autophagy and drug resistance in breast cancer stem-like cells under hypoxic conditions
76	BSc. Cao Hoang Nam	namcao10997@gmail.com	5-CE-P-10	Enhancing inner cell mass numbers and implantation potential of bovine somatic cell nuclear transfer embryos using melatonin
77	BSc. Cao Thuy Khanh	pmchien@hcmiu.edu.vn	6-CE-P-11	Evaluation of the development of interspecies somatic cell nuclear transfer (ISCNT) embryo using receipt bovine oocyte
78	BSc. Cao Hoang Nam	hoangminhhung100@gmail.com	6-CE-P-12	Enhancing the developmental competence of somatic cell nuclear transfer embryos derived from small bovine oocytes through pre-maturation culture with L-ascorbic acid
79	BSc. Tran Nguyen Bao Anh	tttkhuong@ctu.edu.vn	6-CE-P-13	Optimization of <i>in vitro</i> proliferation and cryopreserving conditions for canine adipose-derived mesenchymal stem cells
80	BSc. Nguyen Gia Bao	nqagb.work@gmail.com	6-CE-P-14	Effects of location of somatic cell nuclear transfer on epigenetic modification and preimplantation development of cloned bovine embryos

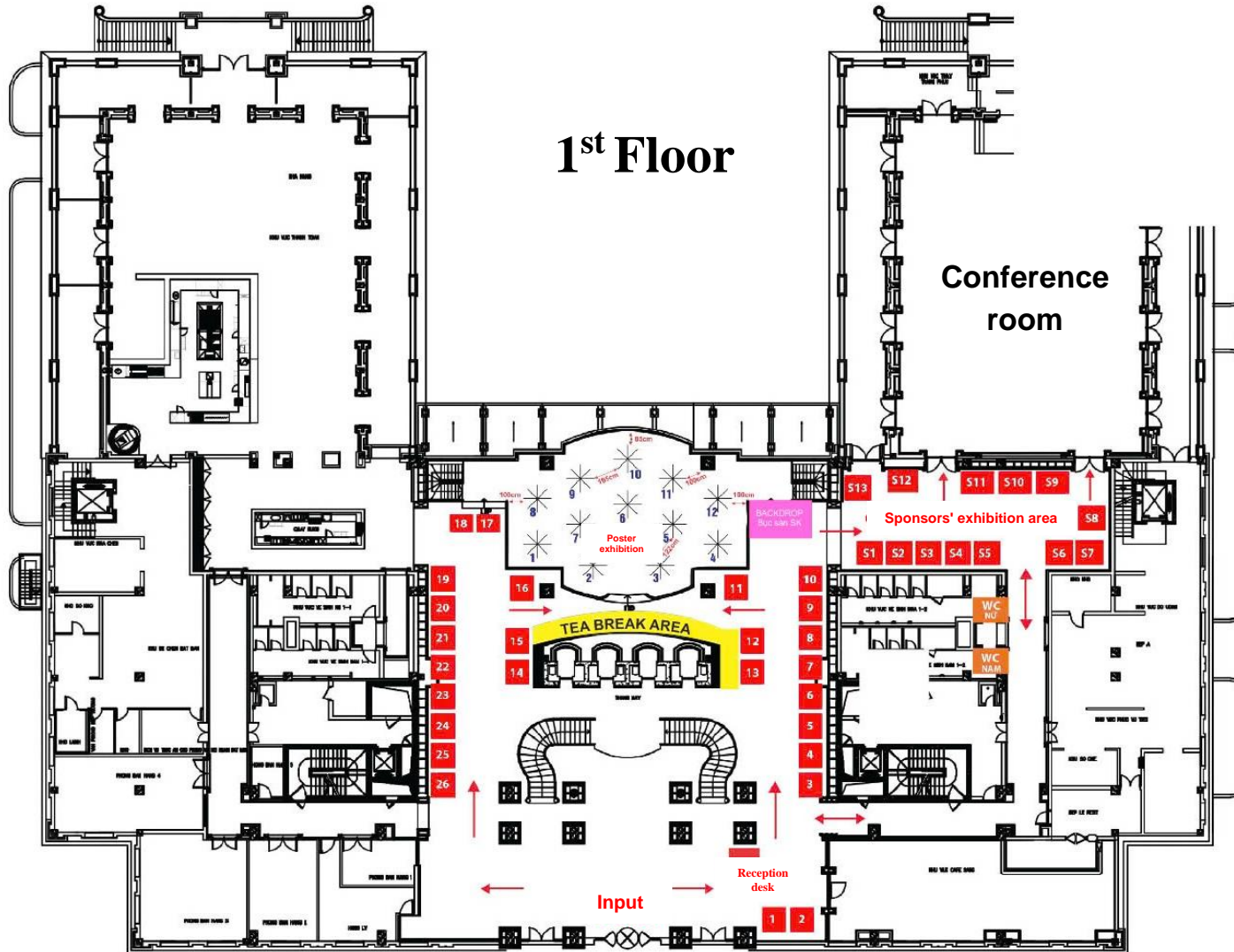
NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
81	MSc. Nguyen Lem Khanh Duy	vyb2302629@student.ctu.edu.vn	6-CE-P-15	Investigation of <i>in vitro</i> culture conditions for goat oocytes in the laboratory
82	MSc. Tran Hong Thuan	thuantran@sci.edu.vn	6-CE-P-16	Detection of circadian clockwork in mesenchymal stem cells
BIOPHARMACEUTICALS AND BIOMEDICINE				
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84	Dr. Tu Khoi Thanh	tkthanh@ntt.edu.vn	9-ME-P-02	Antioxidant and anticancer activities of <i>Cyperus amuricus</i>
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86	BSc. Truong Gia Hung	daotao@abtvn.com	9-ME-P-04	Efficiency of liquid-based cytology (LBC) systems and application of the ABT® Papanicolaou staining kit in cervical cytology testing
87	Phan Hoang An	anph2003@gmail.com	9-ME-P-05	Study on the histological morphology of indigenous tre chicken testicular tissue from 1-25 weeks old
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90	BSc. Do Thi Phuong Linh	linhdo2803@gmail.com	9-ME-P-08	Anti-migration and anti-invasion activities of ethyl acetate fraction from <i>Elephantopus mollis</i> Kunth on SiHa cervical cancer cell line
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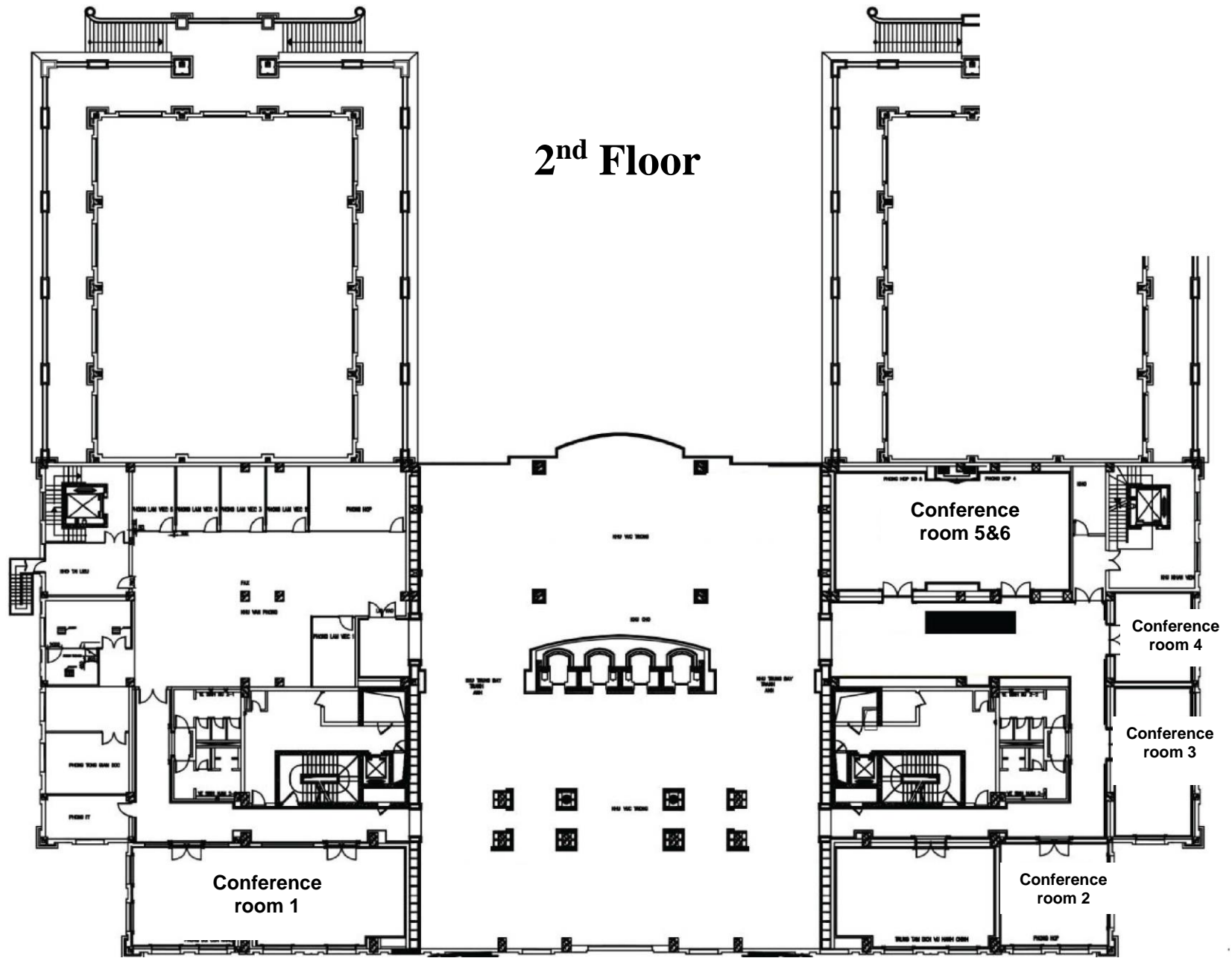
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94	Thai Chinh Tam	thaichinntam2021@gmail.com	10-ME-P-12	Intergrated machine learning, molecular docking and molecular dynamics for screening and designing novel HDAC2 inhibitors
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99	MSc. Hua Nguyet Mai	maihn@tnus.edu.vn	10-ME-P-17	Ardisiaoside A, a new triterpenoid saponin from <i>Ardisia gigantifolia</i> , induces cell senescence and targets cancer stem cells in gastric cancer
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105	Dr. Nguyen Thi Le Na	nguyenthilena.hus@gmail.com	11-ME-P-23	Investigation on the ability of nanomelanin to protect normal cells under the effect of X-ray irradiation

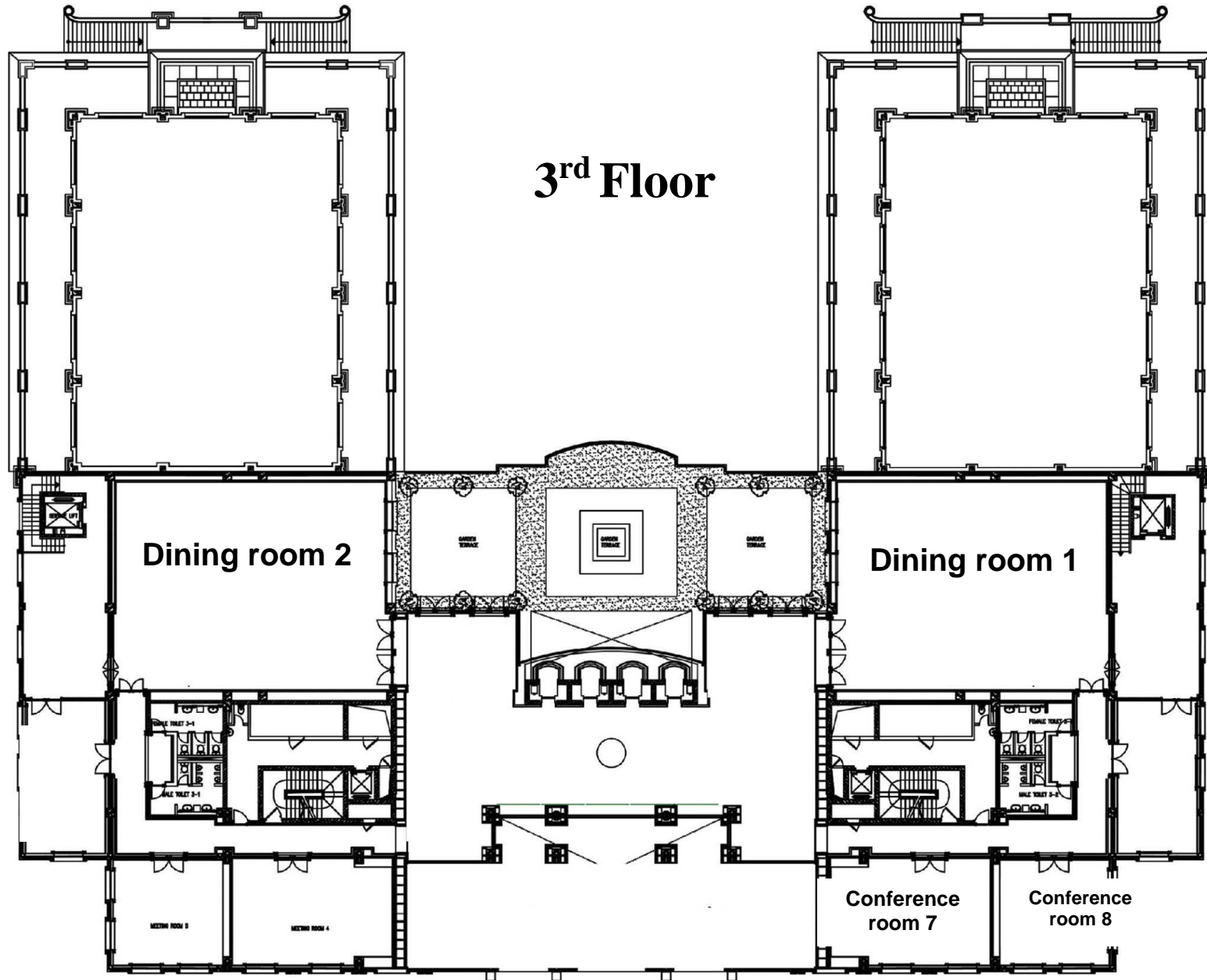
NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
BIOCHEMICAL AND PROTEIN ENGINEERING				
106	Dr. Nguyen Ngoc Ha	npctu@hcmuaf.edu.vn	11-PR-P-01	Physicochemical and antibacterial properties of chitosan nanoparticles from chitosan of black soldier fly
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108	BSc. Pham Hai Long	phamhailong237@gmail.com	11-PR-P-03	Research on the development of affinity chromatography matrices derived from biological material melanin adsorbing cobalt metal ions for the purification of recombinant His-tagged proteins
109	BSc. Le Minh Anh	dothanhtrung121202@gmail.com	11-PR-P-04	Establishing a PCR protocol for fusion of nanobody J10 targeting Botulinum neurotoxin with TrxA to enhance expression capability
110	BSc. Nguyen Thanh Thuy	mykieubao@gmail.com	11-PR-P-05	Research and development of magnetic platforms with nickel-coated PMMA beads for recombinant His-tagged proteins purification
111	MSc. Nguyen Ngoc Trai	ngtrai@tvu.edu.vn	11-PR-P-06	Extraction of Cordycepin from the <i>Cordyceps militaris</i> fruiting body: an investigation
112	Nguyen Thi Be Nhu	20126096@st.hcmuaf.edu.vn	11-PR-P-07	Inhibitory effect of polyphenol-rich cashew leaves extracts (<i>Anacardium occidentale</i> L.) on <i>Fusarium oxysporum</i>
113	Nguyen Thanh Danh	20126204@st.hcmuaf.edu.vn	12-PR-P-08	Inhibitory effect of polyphenol-rich plant extracts on <i>Colletotrichum capsici</i>
114	MSc. Le Quoc Duy	lequocduy@tvu.edu.vn	PR-P-09	Study on extraction conditions of flavonoid compounds from canistel fruits (<i>Pouteria campechiana</i>) harvested in Tra Vinh, Vietnam

NO.	FIRST AUTHOR	EMAIL (AUTHOR FOR CORRESPONDENCE)	POSTER POSITION	TITLE
REGENERATIVE MEDICINE AND CELL THERAPY				
115	BSc. Tran Thai Duong	tranhaiduong0510@gmail.com	12-CT-P-01	The evaluation of biochemical characteristics and biocompatibility of decellularized extracellular matrix membrane derived from one-day-old porcine cartilage
116	MSs. Vo Vy Khanh	vovykhanh041200@gmail.com	12-CT-P-02	The decellularized extracellular matrix membrane derived from one-day-old-procine stem cells increases the cartilage restoration
117	Eng. Vo Ngoc Bich Tram	bichtram2120@gmail.com	12-CT-P-03	Fabrication of cartilage tissue microstructure in the treatment of knee osteoarthritis in rabbits model
118	Duong Thi Hoang Yen	duongthihoangyenpt2002@gmail.com	12-CT-P-04	Fabrication of engineered cartilage structures for rabbit septal cartilage repair
119	Mai Hoang Duc Quy	quy.mhd31@gmail.com	12-CT-P-05	Fabrication of artificial cartilage structures used in rabbit articular cartilage regeneration
120	Nguyen Hoang Vinh	vinh.nh34@gmail.com	12-CT-P-06	Development and evaluation of the efficacy of artificial cartilage for intervertebral disc regeneration in rabbits
121	Dr. Sara Cruciani	scruciani@uniss.it	12-CT-P-07	Tuning ADSC adipogenic differentiation by REAC technology: involvement of cellular endogenous bioelectrical activity
122	Dr. Pham Le Buu Truc	nguyenphuhaidangbiotech@gmail.com	12-CT-P-08	Stem cell sheet fabrication in combination of human umbilical cord mesenchymal stem cells and Lunagel
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