

# *Certificate of Participation*

*This is to certify that*

**Stalis Norma Ethica**

*participated and gave an Invited Presentation entitled:*

**Current Status of Alginate Lyase from Bacteria Associated with Marine Brown  
Algae as a Combat Agent against Biofilm-Related Infection**

**in International Conference on Advances in Biological Science and Technology (ICABST2021)**

September 28-30, 2021, Online Live Conference

## **Organized by**

Asia-Pacific Asso. of Natural Science & Engineering (APANSE)  
Hanoi National University of Education  
Mahidol University  
Spanish Biomedical Investigation Center  
American Chemistry Society  
WILEY Online Library  
IOP Science





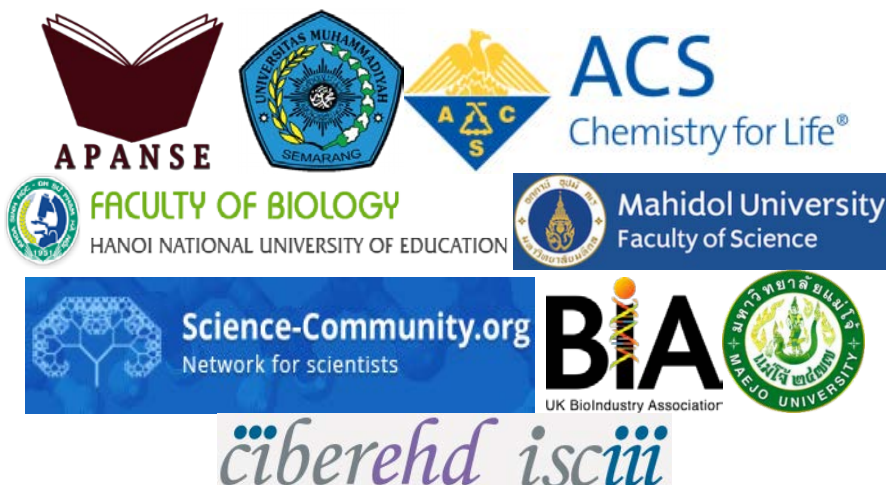
**International Conference on  
Advances in Biological Science and Technology  
ICABST2021**

**International Workshop on  
Pharmaceutical and Clinical Research  
WPCR2021**

**Conference Program & Abstract Book**

**Online Video Conference**

**September 28<sup>th</sup> - 30<sup>th</sup>, 2021**



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# 1. Welcome Message

## Welcome message from Conference Chair

Dear Colleagues, welcome!

On behalf of the Organizing Committee, it's my privilege and pleasure to welcome you to 2021 International Conference on Advances in Biological Science and Technology. Based on the successfully held of ICABST2020 - -- 2021 conference was planned to will be held during September 28-30 as an online video conference.

This conference is a series of academic conferences co-organised by actors and institutes. The initiator and primary organiser of this conference is the Asia-Pacific Association of Natural Science & Engineering (APANSE), whose professional approach was essential in putting together this event. Hereby I would like to thank all the scientific committee & review committee members. Their efforts are highly appreciated, as well as the academic partners from all around the world that worked together to organise this scientific event.

As an annual gathering, it provides an extensive platform for scientists, researchers and scholars to present their research results and newest findings in all fields of Biological Science and Technology, especially in Biotechnology and Bioengineering, Biomedical Engineering, Clinical Medicine, Biopharmaceuticals and Pharmacology, Animal and Plant Sciences and other related topics, discuss the practical challenges encountered recommend better solutions for biotechnology and biomedicine.

At last, I would like to thank you for all of you to join us at the ICABST2021 and I wish all of you a fruitful and exciting conference.

Prof. Domenico Lombardo

Conference Chair

International Organizing Committee of ICABST2021

CNR-Consiglio Nazionale delle Ricerche, IPCF- Istituto Processi Chimico-Fisici, Italy

## Welcome message from WPCR Organizing Committee

Dear distinguished Delegates and Participants, Ladies and Gentlemen,

On behalf of the Organizing Committee it is my great pleasure and honour to welcome you at the 2021 International Workshop on Pharmaceutical and Clinical Research. WPCR2021 is a continuation of WPCR series, which is held simultaneously with ICABST 2021.

WPCR2021 focuses on the basic concept, scientific research design, production technology and clinical application in the field of pharmacy, emphasizing the popularization and improvement of pharmaceutical science and technology; while focusing on the comprehensive, basic and practical scientific and technological achievements and advanced experience, and providing a professional platform for researchers and practitioners at home and abroad to promote information exchange and communication in related fields.

There is no doubt that over the past few years Biotechnology and Biomedicine have been amongst the most dynamically developing areas of biology. Both of these disciplines provide new techniques, tools and products, which can be applied in such prominent fields as biomedicine, Pharmaceutical & Clinical Research and health care, and of course, in scientific research. In order to address these needs, this Conference provides an excellent occasion to discuss new ideas, share knowledge and experience, exchange opinions, considerations, as well as doubts within the constantly expanding areas of Biotechnology and Biomedicine.

Bearing this in mind, I wish you all fruitful discussions, resulting in new international co-operations and friendships.

With kind regards,

Dr. Julia Sidorova

CS faculty, Blekinge Institute of Technology, Sweden

WPCR2021 Organizing Committee

## 2. Introduction for Organizer/Co-organizer

### Asia-Pacific Association of Natural Science & Engineering

Asia-Pacific Association of Natural Science & Engineering (APANSE) is a non-profit, non-governmental, international academic organization to promote and communicate research advances and achievements in Natural Science and Engineering by providing fast and high quality services for researchers from all kinds of universities, research centers, academic institutes, and other research societies. APANSE brings together science and technology educators, researchers, and professionals to inspire dialogue, share resources, and address the field's challenges. With holding and collaborating with conferences and workshops, APANSE promotes research communications and other academic activities focusing on Applied Science, Engineering, Physical Science, Life Science and Health Science. Meanwhile, APANSE owns scientific journals aiming to provide vehicles to publish original, high quality and unpublished contributions in these areas.

The aim of APANSE is to promote the development and practice of the natural science and technology profession, to advance international co-operation in the field of interest to research, development, and the application in science and human activity, and to further the dissemination and exchange of information on applied science and technology. For potential collaborations to organize a conference please contact at [info@apanse.com](mailto:info@apanse.com).

### Universitas Muhammadiyah Semarang

Universitas Muhammadiyah Semarang is a private university in Semarang , Central Java , Indonesia . At its inception, Universitas Muhammadiyah Semarang (UNIMUS) was the Health College of Muhammadiyah Semarang (PTKMS) which was established in 1982, consisting of 3 academies, namely: Nursing Academy, Nutrition Academy and Health Analyst Academy. With the aim of developing Muhammadiyah Charities, the establishment of the Muhammadiyah University of Semarang was initiated.

The establishment of the Muhammadiyah University in Semarang was initiated by the Regional Leadership of Muhammadiyah Central Java since 1996. This process was followed up by the formation of the Founding Committee of the Muhammadiyah University of Semarang based on the Decree of the Regional Leadership of Muhammadiyah Central Java Number: SK.PW/III.B/9.6/001/1997. With preparation through intensive meetings, resulted in an agreement on the establishment of Higher Education in the form of a University . On August 4, 1999 the Minister of Education and Culture of the Republic of Indonesia issued the Operational Permit of the University of Muhammadiyah Semarang with Number: 139/D/O/1999.

Academic Year 2006/2007 UNIMUS opened a new study program, namely Midwifery DIII Study Program with Operational Permit number: 2294/D/T/2006 dated 28 June 2006. In the 2008/2009 academic year a new study program was opened, namely S1 Accounting, SK Dikti Number: 2092/D/T/2008 dated July 7, 2008, S1 Doctoral Education SK. Dikti Number: 2940/D/T/2008 dated September 4, 2008, NERS Professional Study Program SK. Dikti number 267/D/O/2008 dated December 31, 2008, S1 Mathematics Education SK. Dikti number: 1040/D/T/2009 dated June 25, 2009, S1 English Education Sk. Dikti number: 1271/D/T/2009, DIV Health Analyst SK. Dikti number: 1941/D/T/2009 and S1 Nutrition Science Sk. Dikti number: 218/D/O/2010, In 2013 UNIMUS again won the trust of the government / ministry of Education and Culture by being granted an Operational Permit for the Chemical Education S1 Study Program Number 209/E/O/2012 dated June 5, 2012 and the Dentistry Study Program SK. Dikti Number: 129/EO/2013 dated April 18, 2013 so that in accordance with Law no. 12 of 2012 concerning Higher Education, the study program whose operational permit was decreased after August 10, 2012 has obtained a minimum accreditation, namely C, thus the Dentistry study program has received accreditation C. In addition, with the enactment of Law no. 20 of 2013 concerning Medical Education CHAPTER II article 7 paragraph (6) which states that "The Doctor's Profession Program and the Dentist Profession as referred to are an advanced program that cannot be separated from the undergraduate program.

So that up to 2014, the University of Muhammadiyah Semarang has 22 study programs consisting of 15 undergraduate programs , one diploma IV study program, four diploma III study programs and 2 professional study programs.

## **Maejo University**

Maejo University (MJU) is one of the 26 state universities under the Commission on Higher Education of the Ministry of Education. Part of its glorious past was MJU's establishment in 1934 based on a major concept of HM The King, thus becoming one of the oldest degree-granting agricultural institutions in the country. Since then, it has rapidly progressed from being a teachers' training school to become one of the most prominent state universities in Thailand.

Today, as MJU continued to carve a niche in the country's educational system, it is prepared to face many challenges caused by many changes in the global world. As the new head of this reputable university, I foresee greater significance of its role as leader in agricultural excellence in the Asian region. Based on our culture and traditions, our graduates truly reflect the quality of education Maejo University continues to offer. They occupy important positions in various organizations especially those that relate and are based in agriculture. Most of them have become leaders of communities, spearheading rural and agricultural development that lead to nation building.

As it strives to fulfill this mission, Maejo University also hopes to provide enthusiasm to strengthen its international relations by striving to promote academic internationalization without sacrificing its distinct character.

## **Hanoi National University of Education**

Founded in 1951, Hanoi National University of Education is a non-profit public higher-education institution located in the large metropolis of Hanoi (population range of over 5,000,000 inhabitants), Red River Delta. Officially recognized by the Ministry of Education and Training of Vietnam, Hanoi National University of Education (HNUE) is a medium-sized (uniRank enrollment range: 9,000-9,999 students) coeducational Vietnamese higher education institution. Hanoi National University of Education (HNUE) offers courses and programs leading to officially recognized higher education degrees such as bachelor degrees in several areas of study. See the uniRank degree levels and areas of study matrix below for further details. International students are welcome to apply for enrollment. HNUE also provides several academic and non-academic facilities and services to students including a library, housing, study abroad and exchange programs, as well as administrative services.

## **Mahidol University**

Mahidol University has its origins in the establishment of Siriraj Hospital in 1888 by His Majesty King Chulalongkorn (Rama V), and the hospital's medical school is the oldest institution of higher learning in Thailand, granting its first medical degree in 1893. Later becoming the University of Medical Sciences in 1943, Mahidol University was renamed with great honor in 1969 by H.M. King Bhumibol Adulyadej, after his Royal Father, H.R.H Prince Mahidol of Songkla, who is widely known as the 'Father of Modern Medicine and Public Health in Thailand'. Mahidol University has since developed into one of the most prestigious universities in Thailand, internationally known and recognized for the high caliber of research and teaching by its faculty, and its outstanding achievements in teaching, research, international academic collaboration and professional services. This diversified institution now offers top quality programs in numerous social and cultural disciplines, including the most doctoral programs of any institution in Thailand, yet has maintained its traditional excellence in medicine and the sciences.

## **CIBEREHD**

The CIBEREHD is a consortium with its own legal personality, with no physical contiguity, which aims to promote and cooperate in scientific research, development of knowledge and transferring this to society, in the area of liver and digestive diseases. The following bodies form part of the consortium: (1)The Ministry of the Economy and Competitiveness, through the Instituto de Salud Carlos III; (2)The Ministry of Education and Science, through the Consejo Superior de Investigaciones Científicas. The main purpose of the CIBER is the promotion and protection of health by fostering research in both the basic field and in the approach to clinical and translational aspects in the field of Liver and Digestive Diseases.

The following are specific purposes of the Consortium:

Research and development involving the CIBER research programme.

To contribute to the resolution of the problems of sanitary assistance related to the above mentioned program.

Promoting the participation of research groups in nationwide research activities and particularly the ones included in the European Framework Programmes of R+D+I.

Promoting the transfer of the results of research processes to society and in particular to the production sector.

Promoting dissemination and participation in teaching activities.

## Media Partners



### 3. Committee Members

#### Conference Chair

Prof. Domenico Lombardo, CNR-Consiglio Nazionale delle Ricerche, IPCF- Istituto Processi Chimico-Fisici, Italy

#### Scientific Committee

Andrea Scribante, University of Pavia, Italy  
Anna Ardévol, Universitat Rovira i Virgili, Spain  
Ching-An Peng, University of Idaho, USA  
Christophis Koroneos, University of Western Macedonia, Greece  
Dinh-Toi Chu, University of Oslo, Norway  
Domenico Lombardo, CNR - (Consiglio Nazionale delle Ricerche), Italy  
Farhad Memarzadeh, National Institutes of Health, USA  
Gary Sweeney, York University, Canada  
Gerrit Schüürmann, Technical University Bergakademie Freiberg, Germany  
Gohar Mushtaq, King Abdulaziz University, Saudi Arabia  
Jason Guowei Sun, Asia-Pacific Association of Natural Science and Engineering, China  
Khalid Rehman Hakeem, Universiti Putra, Malaysia  
KIKUCHI Masumi, University of Tokyo, Japan  
Muhammad Asad Ali, University of Veterinary and Animal Sciences, Pakistan  
Nagendra Kumar Kaushik, Kwangwoon University, Korea  
Pornpun Vivithanaporn, Mahidol University, Thailand  
Suhaimi Suratman, Institute of Oceanography and Environment, Malaysia  
Thi Thuy Pham, VNU-University of Science, Vietnam

#### Review Committee

Agnès Drochon, National Center for Scientific Research, France  
Ahmad Zahedi, James Cook University, Australia  
Ahmed Saber Abu-zaiton, Al-albait University, Jordan  
Alex Liu, Asia-Pacific Association of Natural Science and Engineering, China  
AMAL AL-ABOUDI, University of Jordan, Jordan  
Ayush Dogra, Panjab University, India  
Ivaylo Christov, Institute of Biophysics and Biomedical Engineering, Bulgaria  
Kesaven Bhubalan, Universiti Malaysia Terengganu, Malaysia  
Le Nguyen Quoc Khanh, Nanyang Technological University, Singapore  
Leyser Rodrigues Oliveira University Centre of Formiga, Brazil  
Midhat Nabil Ahmad Salimi, Universiti Malaysia Perlis (UniMAP), Malaysia  
Mohsen Hamzeh, Amirkabir University of Technology, Iran Pajaree Thongsanit, Naresuan University, Thailand  
Palanisamy Sivanandy, International Medical University(IMU), Malaysia  
Reshma Rani, Amity University, India  
Roshni Paul, Birmingham City University, UK

#### Conference Secretariat

Jason Sun, Asia-Pacific Association of Science, Engineering and Technology, China  
Alex Liu, Asia-Pacific Association of Science, Engineering and Technology, China  
Michelle Xue, Asia-Pacific Association of Science, Engineering and Technology, China



## 4. Conference Information

### ICABST2021 Introduction

Based on the successfully held of ICABST2020 -- 2021 International Conference on Advances in Biological Science and Technology will be held during September 28-30 as an online video conference. ICABST2021 is organized by Asia-Pacific Association of Natural Science and Engineering (APANSE), co-organized by Hanoi National University of Education, Mahidol University, and supported by American Chemistry Society, IOP Science and other academic institutions & medias partners.

As an annual gathering, it provides an extensive platform for scientists, researchers and scholars to present their research results and newest findings in all fields of Biological Science and Technology, especially in Biotechnology and Bioengineering, Biomedical Engineering, Clinical Medicine, Biopharmaceuticals and Pharmacology, Animal and Plant Sciences and other related topics, discuss the practical challenges encountered recommend better solutions for biotechnology and biomedicine. ICABST2021 will include keynote speeches, invited speeches, oral presentations and poster presentations. The conference certification will be issued to all attendees including listeners.

### WPCR 2021 Introduction

WPCR2021 focuses on the basic concept, scientific research design, production technology and clinical application in the field of pharmacy, emphasizing the popularization and improvement of pharmaceutical science and technology; while focusing on the comprehensive, basic and practical scientific and technological achievements and advanced experience, and providing a professional platform for researchers and practitioners at home and abroad to promote information exchange and communication in related fields.

Topics include but not limited to

Industrial pharmacy, Biochemical pharmaceutical, Pharmaceutical preparations, Pharmacological toxicology;

Clinical application, Experimental and Clinical Pharmacology, Adverse reactions, Pharmacokinetics; Pharmacology, Pharmaceutical biology, Pharmaceutical analysis and control, Pharmaceutical and biomedical analysis;

Drug delivery, Pharmaceutical technology, Pharmaceutical chemistry, Pharmaceutical care;

Pharmaceutical services, Pharmacoeconomics, Pharmaceutical management;

Human anatomy, Embryology, Immunology, Pathology, Epidemiology, Toxicology

Pediatrics, geriatrics, Neurology, Oncology, Physical therapy, Nursing, Anesthesiology;

Imaging Medicine and Nuclear Medicine, Clinical Laboratory Diagnostics

Publications: All abstracts/full papers will be sent for peer review by two or more experts in related fields, and the decision will return in about 7-10/15-20 working days. Possible decisions on a manuscript are: acceptance, revision (minor or major), rejection. We firmly believe that ethical conduct is the most essential virtual of any academic. Hence any act of plagiarism is a totally unacceptable academic misconduct and cannot be tolerated.

## **Call for Proposals to co-organize ICABST 2022**

ICABST/WPCR is pleased to announce this Call for Proposals for individuals or groups interested in co-organize the next ICABST conference, slated for the third quarter of 2022.

The proposal deadline is the January 15, 2022. If you are not personally interested but know of someone else who could do an excellent job of organizing this event, please feel free to forward this information.

### **Description of a Co-organizer:**

1. Help to announce the conference information on institution email and social platform;
2. Provide academic support such as to create scientific program and/or recommend potential speakers; (optional)
3. Help to provide visa-support invitations to participants; (optional)
4. Circulate the conference information, advertise and promote the conference in scientific platform.

### **Benefits:**

1. Have the opportunity to attend conference for free
2. To be one of the conference committee members/session chair (co-chair)
3. 1 page free Ad or a paper in conference proceedings

**For related issues, please contact [info@apanse.com](mailto:info@apanse.com)**

## 5. Conference Program

### Oral Presentation List

ID	Presenter	Title
	Domenico Lombardo	Welcome Message
O-1	Roohollah Bagherzadeh	Recent Advances on Nano-Fibrous Materials for Wearable Energy Harvesting Devices
O-2	Stalis Norma Ethica	Current Status of Alginate Lyase from Bacteria Associated with Marine Brown Algae as a Combat Agent against Biofilm-Related Infection
O-3	Andrea Scribante	Use of probiotics for oral health
O-4	Ayu Rahmawati Sulistyaningtyas	Isolation of Lipase Producing Bacterium Aeromonas veronni LI.1 from Fish Waste using Solid Tween Media with Non-Bacto Agar

Remarks: Most participants prefer to make poster presentations due to the different time zones.

## Poster Presentation List

ID	Presenter	Title
P-1	Seong-Ran Lee	Successful Strategy of Clinical Information System for Non-Pharmacological Treatment in Patients with Intestinal Metaplasia
P-2	Hong Song	Application Analysis of Emergency Nursing Model in Emergency Treatment in Critically Ill Patients
P-3	Qiongqian Wang	Study on the curative effect and mechanism of Gukangling fluid in treating fracture patients
P-4	Xueping Yu	Analysis on Effect of Pregnancy Complicated with Thyroid Disease on Pregnancy Outcomes and Newborns
P-5	Junhua Yu	Mechanism of mesenchymal stem cells on the reactive oxygen production and bactericidal killing in septic macrophages
P-6	Jing Guo	Study on Diagnostic Value of Imaging for Gynecological Malignant Tumors with Lymph Node Metastasis
P-7	Furong Chen	The Effect of Cisplatin on Tumor Markers and Short-term and Long-term Efficacy in Patients with Advanced Non-small Cell Lung Cancer Chemotherapy
P-8	Jiayong Xie	Study on the Effect of Chronic Intermittent Hypoxia on Heart Function of Rats and Related Mechanisms
P-9	Yanrui Zhao	Observation of the curative effect of anterior talofibular ligament reconstruction and extensor support band reinforcement in patients with chronic lateral ankle instability and its effect on limb function
P-10	Yanyan Zhu	Investigation on the status quo of demands for family based continuing nursing care of COPD patients in suburbs and multivariate logistic analysis
P-11	Yirui Du	Clinical Effect and Adverse Reactions of Mifepristone in the Treatment of Obstetrical and Gynecological Diseases
P-12	Xuli Teng	Effect of Psychological Nursing Intervention on Psychological States and Life Quality of Patients Undergoing Minimally Invasive Laser Treatment of Superficial Bladder Tumors
P-13	Xin Wang	Imaging Features of Breast Cancer and the Relationship with Lymph Node Metastasis
P-14	Furong Chen	The values of isotonic low concentration contrast agent in the diagnosis of solitary solid small cancer nodules in the
P-15	Jing Han	Preventive Effect of Pit and Fissure Sealant Combined with Fluorine Protective Painton Dental Caries in Children
P-16	Yuanyuan Zhang	Analysis on the Factors Associated with the Early Neurological Deterioration and Prognosis in Patients with Acute Ischemic Stroke after Intravenous Thrombolytic Therapy with Alteplase
P-17	Hongbo Niu	Effect Analysis of Comprehensive Medical Nursing Intervention in Patients with Cirrhosis and Ascites after Peritoneocentesis
P-18	Peng Zhang	Analysis on Clinical Effect of Nalbuphine Combined with Different Surgical Approaches in the Treatment of Benign Ovarian Tumors
P-19	Jingjing Xuan	LncRNA MIR100HG acts as a tumor promoter in esophageal squamous cell carcinoma by regulating miR-488-3p/FZD4 axis
P-20	Qinggang Sun	Clinical Analysis of Micafungin in the Treatment of Pulmonary Invasive Fungal Disease in Children with Acute Leukemia or After Hematopoietic Stem Cell Transplantation

ID	Presenter	Title
P-21	Xiaoyan Liu	Analysis of the Effect of Three Hemostasis Methods on Female Ovarian Function in Laparoscopic Ovarian Cystectomy
P-22	Xiangmin Han	Study on Clinical Manifestation and Diagnostic Effect of MRI Combined with Serum Tumor Marker Detection in Patients with Mediastinum-typed Lung Cancer
P-23	Gang Zong	Clinical Effect Analysis of Xuebijing Injection Combined with Azithromycin in the Treatment of Mycoplasma Pneumonia
P-24	Yumei Zhou	Effect of High Quality Service Mode Applied to General Nursing Management on Patient Satisfaction and Anxiety
P-25	Cuiyun Ge	Clinical Efficacy and Safety Analysis of Holmium Laser via Electronic Bronchoscopy under Local Anesthesia in the Treatment of Main Airway Stenosis
P-26	Shengmin Chen	Difference analysis between HPV infection and the expression of CD4 and CD8 in cervical lesions
P-27	Hansong Pan	Clinical Application of Pelnac Combined with Autologous Tomographic Tissue Flap to Repair Traumatic Bone Exposed Wounds
P-28	Min Fu	Design and quality control practice of infusion loop system for centralized preparation of intravenous medicine
P-29	Jian Wang	Clinical effect of lisinopril hydrochlorothiazide tablets combined with metformin in elderly emergency obese hypertension patients and its influence on the incidence of cardiovascular events
P-30	Silian Zhu	Study on the Effect of Programmed Nursing Intervention on Improving Breastfeeding Rate in Premature and Very Low Birth Weight Infants
P-31	Wenjing Yang	Research on demand analysis method of military civilian integration medical equipment based on DoDAF
P-32	Peng Wang	Study on Basic Data Set and Data Element Standard of Clinical Nursing Human Resource Management
P-33	Jian Ma	MicroRNA-384 inhibits cell migration, invasion and Epithelial-Mesenchymal Transition in hepatocellular carcinoma by targeting HDGF
P-34	Feifei Lv	Effect of intraoperative heat preservation on the recovery of cis-atracurium muscle release in laparoscopic cholecystectomy
P-35	Cuimei Sun	Effect of the HLA-DRB1 Gene on Increasing Serum Uric Acid Levels in Patients with Neuromyelitis Optica and Its Poor Prognosis
P-36	Weican Chen	Prevention of postoperative infection in patients with dental implants and selection of antibacterial materials
P-37	Jia Xu	Effect of Operating Room Nursing Combined with Anaesthesia in Cardiac Surgery on Quality of Life and Nursing Satisfaction of Patients
P-38	Xinlei Hao	Effect of Maimendong Decoction on Pulmonary Function and Endoplasmic Reticulum Stress in Rats with Pulmonary Fibrosis
P-39	Liqing Ji	Study on the ecological restoration effect of bioengineering technology after water conservancy project construction
P-40	Guiying Jiang	Therapeutic Significance of Clinical Microbiological Examination in Patients with Chronic Gastritis
P-41	Jingru Qin	Combination therapy of Yangyin Jiedu Granule and Gefitinib for advanced lung adenocarcinoma patients with sensitive EGFR mutations: A randomized controlled study
P-42	Keqin Zhao	Clinical Effect of Acupuncture and Massage Combined with Exercise Therapy on the Treatment of Chronic Lumbar Muscle Strain and Quality of Life in Patients

ID	Presenter	Title
P-43	Guofeng Wang	Port environment management and ecological reconstruction plan
P-44	Min Fu	The program design of the Pharmacy Intravenous Admixture Service automatically distributes the workload according to the distribution station
P-45	Juanjuan Zhang	Effect of Cdk5rap3 on Increasing the Risks of Ischemic Heart Failure Combined with Type 2 Diabetes Mellitus via Wnt/ $\beta$ -Catenin Signaling Pathway
P-46	Xiaofeng Du	Study on the Effect of Budesonide Combined with Ambroxol Aerosol Inhalation on the Treatment of Acute Bronchitis and on Pulmonary Function in Patients
P-47	Xueyan Wang	Application Value of CT Combined with Serum SCC-Ag and CA125 Detection in the Diagnosis of Cervical Squamous Cell Carcinoma
P-48	Wei Zhao	Comparison of the efficacy of decompression alone and decompression with fusion in degenerative lumbar scoliosis
P-49	Qi Lu	Risk assessment of complexity of Port Construction Engineering in fragile ecological environment area
P-50	Yadong Wang	Efficacy and Safety of Fire Needling Combined with Conventional Western Medicine in the Treatment of Psoriasis Vulgaris
P-51	Wei Guo	Effect of Evidence-Based Nursing Intervention on Negative Emotions and Life Quality of Epileptics Based on Comprehensive Nursing Intervention
P-52	Huawei Liang	Clinical Value of Automated Breast Volume Scanner Combined with Serum Nuclear Factor-kB in the Diagnosis of Breast Cancer
P-53	Changliang Zhao	Short-Term and Long-Term Effects of Fenofibrate Combined with Double Phototherapy on Neonatal Jaundice with High Bilirubin
P-54	Wei Guo	Effect of Rehabilitation Intervention Based on Targeted Nursing Intervention on Postoperative Physical And Mental State and Neurological Function of Patients with Cerebral Hemorrhage
P-55	Zhiqiang Liu	Oxidative Stress Indexes and Markers of Myocardial Injury and Dysfunction in Patients with Non-obstructive Coronary Atherosclerosis
P-56	Guofeng Wang	Study on the environmental assessment of the surrounding water conservancy project
P-57	Lihua Dong	Clinical Diagnostic Value and Safety of Doppler Ultrasound-Guided Percutaneous Biopsy for Benign and Malignant Ovarian Tumors
P-58	Baojun Wang	Expression and clinical value of TLR7, IL-23, IL-17 in elderly patients with pulmonary infection
P-59	Shengyong Zhai	LncRNA NEAT1 enhances cell proliferation and invasion by regulating the miR-221-5p/SOX11 axis in gastric cancer
P-60	Yongsheng Wang	Effect of arginine preparation on immune function of athletes after high intensity intermittent exercise
P-61	Xiurong Liu	Effect of Pelvic Floor Muscle Exercise Combined with Electrical Stimulation on Pelvic Floor Function Recovery in Postpartum Women
P-62	Qi Lu	Study on water conservancy project construction and sustainable development planning
P-63	Guiyu Sun	Effect of Filiform-Fire Needle Combined with Tacrolimus Ointment on the Recurrence Rate and Adverse Reactions in Vitiligo Patients
P-64	Zhenhui Mi	Clinical Efficacy and Nursing Experience of Targeted Nursing Intervention Combined with Clotrimazole Vaginal Tablets in Pregnant Patients with Candidal Vaginitis

ID	Presenter	Title
P-65	Shuo Shi	Observation on the effect of intelligent three-dimensional reconstruction technology in single tooth missing implant
P-66	Wenli Fei	Study on the application effect of clusterization nursing based on path nursing in leukemia patients and its influence on coping style
P-67	Li Yang	Practice and Research on mental health education of primary school students based on quality development
P-68	Xiang Guo	Analysis on Diagnostic Value and Prognosis of Three-Dimensional Ultrasound in Female Pelvic Floor Muscle Dysfunction
P-69	Xiaoshuang Wang	Research on Medical Emergency Support System of War Zone Based on 5G Mobile Cellular Network
P-70	Mei Zhang	Design and development of hospital personnel file management information system
P-71	Yongqiu Liu	Application of smart grid in the field of energy saving and consumption reduction in hospital
P-72	Yali Qing	Study on the treatment of children's speech disorder by language cognition emotional speech community method
P-73	Xiaohua Yang	Influence of graphic design of hospital guidance system on psychological factors of patients
P-74	Biao Zhou	Clinical application of 3D image model reconstruction technology in dental implant
P-75	Liu Li	Analysis of physiological index monitoring and fatigue evaluation of college basketball players after competition
P-76	Huarong Wang	Research on behavior intelligent control and dynamic model of medical intestinal micro robot
P-77	Liqing Ji	Influence of water conservancy project on surrounding soil environment
P-78	Yaru Si	A QSAR method for design and screening new COVID-19 prodrugs
P-79	Muguang Qin	Development and application of coal mine gas geological intelligent early warning system
P-80	Zhoulin Chang	Research on hospital medical equipment intelligent distribution robot based on PB neural network intelligent learning algorithm
P-81	Wantao Huang	Three dimensional finite element analysis of the role of Micro Implant in jaw traction and its surrounding forces
P-82	Jing Zhao	Application of improved YOLO v4 Model for Real time video fire detection
P-83	Si Jiang	Application of 3D printing technology in the treatment of dental implant patients
P-84	Xu Zhiqiang	Research on braking energy feedback and driver protection ability of electric vehicle
P-85	Huiqin Feng	Analysis of Application and Effect of Tracking Management Method in Nursing Safety Management
P-86	Jinping Ma	Effect of Meticulous Nursing Combined with Psychological Nursing Intervention on Pregnancy Outcomes and Negative Emotions of High-risk Primiparas
P-87	Weican Chen	Effect of 3D printing material and thickness on stress distribution of dental implant
P-88	Yuan Yao	Research and development of portable medical foreign language translation system

ID	Presenter	Title
P-89	Libo Yang	Research on speech and Semantic Intelligent grasping and recognition technology of intelligent hospital guiding robot
P-90	Xin Li	Capillary electrophoresis for the separation and analysis of biomolecules
P-91	Dandan Hong	Simulation of mechanical stretching force of blood vessel based on microfluidic chip and its effect on blood vessel cells
P-92	Mingyue Chen	A novel gene fusion TOPORS-DDX58 is associated with metastasis in multiple cancer types
P-93	Pei-Leun Kang	The Study of Cellulose Composites with Anti-inflammatory Drug on the Application of Oral Patch
P-94	Dandan Wang	A Novel Adaptive Video Recommendation Algorithm under the Influence of COVID-19 Epidemic Situation
P-95	Zhiqiang Zheng	Multi-feature Augmentation CNN Model for Crop Classification Based on Sentinel-2 Remote Sensing Images
P-96	Mingyue Chen	Identification of a novel recurrent fusion gene APC15-Lamtor1 in breast cancer
P-97	Fang Luo	Analysis on the Degree of Farmer Diversification Level Affecting the Land Sustainable Use
P-98	Daorui Li	A study on the intervention effect and mechanism of Scorpion, Centipede, and Shougong medicated serum on the growth, migration and invasion of A549 lung cancer cells cultured in hypoxia in vitro
P-99	Yong-Ji Chen	Evaluation and Characterization of Alginate/Carbon Nanotube Hydrogel-Modified Electrode on Differentiation of Stem Cell into Cardiomyocyte
P-100	Tongda Sun	Studies on the financial burden and affordability of essential care services package for people with dementia in China
P-101	Mingyue Chen	Genome-wide methylation profiles reveal metastasis-associated methylation variations in adenoid cystic carcinoma
P-102	Zhiqiang Zheng	A Novel Diagnostic Network for Thyroid Nodules Based on Dense Soft Attention Mechanism
P-103	Qiyuan Mao	The effect of Scorpion, Centipede, and Shougong on the growth and metastasis of LL/2-luc-M38 lung cancer in mice and its effect on tumor microangiogenesis
P-104	Qing Wang	Discrimination Analysis on the Low-Carbon Agriculture Development Level in Huanggang City, Hubei Province, China
P-105	Cheng Zhang	Application of virtual reality technology in demonstrator system of medical equipment
P-106	Ning Zhang	Design of narrow linewidth thulium doped fiber laser for clinical application
P-107	Yansong Yang	Study on thulium doped fiber laser for removal and clinical treatment of chloasma on human surface
P-108	Zhi Weng	Research on Key Frame Extraction Method for Cow Face Video Under Multi-view
P-109	Zhiqiang Zheng	Thyroid Nodule Feature Detection Model Based on Global Channel Feature Extraction
P-110	Chao-chen Chung	Comparing the evolution of biodiesel and biogas policies in China (2000-2019)
P-111	Sheng-Feng Shih	An Empirical Study on the Health-seeking Behavior of Drug Abusers in the Population of Working Ages



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P-112	Xiaopeng Zhang	Elevated expression of LINC01503 promotes proliferation of airway smooth muscle cells in children with asthma via regulating the extracellular matrix
P-113	Suling Wang	Effect of citalopram combined with psychological intervention on cellular immunity and negative emotion in patients with primary liver cancer
P-114	Fei Yan	Influence of Public Health Emergencies on Anxiety and Related Factors in the Elderly
P-115	Minhui Zhang	Clinical value of N-terminal pro-brain natriuretic peptide (NT-proBNP) levels in the diagnosis of heart failure in elderly population
P-116	Ping Yuan	Effect of Psychological Intervention Based on Targeted Nursing Intervention on Negative Emotions and Maternal-Infant Outcomes of Patients with Gestational Diabetes Mellitus
P-117	Huawei Liu	Application Effect of High-quality Nursing Intervention in Ear-Nose-Throat Ward and Its Influence on Nursing Satisfaction
P-118	Huili Quan	Influence of nursing intervention based on quantitative evaluation strategy on compliance and stress response in children with bronchopneumonia
P-119	Chunmei Chen	Effect of Psychological Nursing Intervention on Negative Emotions and Quality of Life in Patients with Wet Age-related Macular Degeneration
P-120	Xiaoyu Yang	Occurrence of Pressure Injury in Operating Room and Continuous Quality Improvement Nursing
P-121	Liu Hu	Effects of mucopolysaccharide polysulfonate combined with timolol eye drops in the treatment of infantile hemangioma to prevent skin atrophy
P-122	Shaowu Huang	Effect of Combined Spinal-epidural Anesthesia Combined with Intraoperative Tourniquet Release Management on Oxygen Saturation in Patients with Joint Replacement
P-123	Yongling Zhuang	Effect of Evidence-Based Nursing Combined with Seaweed Polysaccharide Nutrients on Blood Pressure Control and Autoimmune Function in Patients with Hypertension
P-124	Shan Hu	Anti-nucleosome antibody expression in patients with systemic lupus erythematosus complicated with rash and its correlation with disease severity
P-125	Lining Zhao	The effect of resilience guidance combined with functional exercise on the nursing effect and response to psychological stress in elderly patients undergoing
P-126	Jianhong Tang	Study on the efficacy of neurotrophin injection combined with ozone in patients with chronic neuropathic pain and the effect on neurotrophic factors
P-127	Chang Shu	Study on the Correlation and Mechanism between High Expression of IL-11 and Clinical Staging of Gastric Cancer
P-128	Jun Huang	Observation on the Improvement of Quality of Life in Patients with Advanced Non-small Cell Lung Cancer by DC-CIK Maintenance Therapy Combined with Traditional Chinese Medicine Therapy
P-129	Wenchao Ji	Analysis of the Safety of Laparoscopic Reverse Nipple Intubation through the Cystic Duct in the Treatment of Choledocholithiasis
P-130	Dejia Mao	Clinical Comparative Study of MR Cerebral Angiography in Distinguishing Cerebral Ischemia from Cerebral Infarction
P-131	Chen-Shie Ho	Applying Deep Neural Network Scheme to Improve Efficiency and Satisfaction of Nursing Diagnosis

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P-132	Yingqian Xu	Enhancement of Hematoma Inhibition With Recombinant CCR2 in Collagenase-induced Intracerebral Hemorrhage Model
P-133	Chen-Shie Ho	Improvement of Hospital Readmission Rate for Fall Patients by Using Dynamic Risk Evaluation-based Strategy
P-134	Xiaofeng Li	The Establishment of EME Model for Evaluation of the Response to Public Health Emergencies Ability of Hospital
P-135	Heng Chen	Efficacy of On-the-point Pressing for Spastic Paralysis After Stroke: a Meta-analysis
P-136	Kun-Shan Zhang	Study on College Students' Willingness to Stay in Hospital after Internship --The Mediation Effect of Self-efficacy
P-137	Ming Xiang	TCM Syndrome Characteristics of 52649 Patients with Coronary Heart Disease: A Real-world Data Analysis
P-138	Chiu-Mei Chen	Influence of Psychological Capital on Internship Satisfaction and Work Behavior
P-139	Chiwei Chen	Studies on the Functional Component from Native Marine Algae in Taiwan
P-140	Chiwei Chen	Initiate an Action Plan to Search for the Habitats of Marine Algae--a Potential Medicine: Study on the Ocean Territories near the Fishing Ports in Southern Taiwan
P-141	Rao Fu	An Air Filtration Technology Based on High Gravity Rotating Bed
P-142	Jiafu Feng	Determination of Serum Vitamin D Metabolites by UPLC-MS/MS for Accurate Assessment of in Vivo Storage in Patients with CKD
P-143	Chen-Shie Ho	Effectiveness Evaluation of APP-based Shared Decision Making Platform for Tracheotomy Treatment
P-144	Weili Yin	Research on the Upgrading Path of the Medical Industry Ecosystem by Blockchain Technology from the Perspective of Configuration Theory: An fsQCA approach
P-145	Ya Zhu	The Effects of Acupoint Therapy along the Meridian Combined with Moxibustion on the Endometrial Receptivity and Clinical Outcome of Infertile Patients
P-146	Suling Wang	MiR-203 inhibits cell proliferation, invasion, and migration of ovarian cancer through regulating RGS17
P-147	Hongbo Wang	MiR-222 emerges as a ceRNA of lncRNA NEAT1, and inhibits cell viability and migration of nasopharyngeal carcinoma cells via ALDH1
P-148	Dunzhu Gesang	The abnormal expression of miR-21 is associated with immune imbalance in childhood asthma
P-149	Yufen Niu	Effect of Berberine Hydrochloride Combined with Immunotherapy on Plasma Concentration of Cyclosporine A in Children with Aplastic Anemia
P-150	Jian Wang	Clinical effect of trimetazidine combined with nicorandil in emergency patients with coronary heart disease and its influence on myocardial remodeling
P-151	Peilong Xu	Application of boron-doped graphdiyne (BGDY) in dehydrogenation of benzyl alcohol to Benzaldehyde
P-152	Tongda Sun	Perceived Needs and Unmet Needs of People With Dementia Living at Home in China: A Cross-Sectional Study