



**DEVAKI AMMA MEMORIAL
COLLEGE OF PHARMACY**



Chelembra, Pulliparamaba P.O., Malappuram Dist-673634 Kerala, India.

TWO DAYS INTERNATIONAL CONFERENCE ON

**BIOINFORMATICS IN QUANTUM LEAP OF
DRUG DISCOVERY AND DEVELOPMENT
(BQDD- 2024)**

24th & 25th January 2024

Organized by

DEPARTMENT OF PHARMACOLOGY
Devaki Amma Memorial College of Pharmacy
Chelembra, Malappuram Dist-673634, Kerala, India
E-Mail: plscientificdamcop@gmail.com, Tel: 0483 2891623

INFORMATION BROCHURE

ABOUT THE INSTITUTION

Devaki Amma Memorial College of Pharmacy, located in Malappuram, is an esteemed institution dedicated to providing high-quality pharmacy education. The institution was founded in the year 2003 with the objective of imparting top-notch pharmaceutical education. The institution offers a wide range of pharmaceutical programs, catering to both undergraduate and postgraduate students. These programs include Diploma in Pharmacy, Bachelor of Pharmacy, Doctor of Pharmacy, and Master of Pharmacy with specializations in areas such as Pharmaceutics, Pharmaceutical Chemistry, Pharmaceutical Analysis, and Pharmacology. Additionally, the college provides opportunities for Doctor of Philosophy programs. The institution is affiliated with the Kerala University of Health Sciences, Thrissur. It has received approvals from various authoritative bodies, including the Government of Kerala, Directorate of Medical Education, Thiruvananthapuram, and the Pharmacy Council of India, New Delhi.

ABOUT THE DEPARTMENT

The Department of Pharmacology is a pivotal pre-clinical science department, specializing in undergraduate and postgraduate education for students pursuing B. Pharm, Pharm. D, and M. Pharm degrees. The M. Pharm program was introduced in 2014, followed by the Ph.D. program in 2017. Renowned for its research initiatives, the department boasts a well-equipped infrastructure, including a meticulously maintained animal house that is accredited by the Committee for Control and Supervision of Experiments on Animals (CCSEA). The primary objective of the department is to produce highly skilled graduates who can address the healthcare needs of the community and contribute to the pharmaceutical sector by supplying well-qualified professionals. The department's research interests span a variety of areas, with a particular focus on neurodegenerative disorders, cardiovascular health, fertility, gastroenterology, oncology, and immunopharmacology.

ABOUT THE CONFERENCE

The conference titled "Bioinformatics in Quantum Leap of Drug Discovery and Development" is an event that brings together experts, researchers, and professionals from the fields of bioinformatics, pharmaceuticals, and drug development to explore the critical role of bioinformatics in revolutionizing the drug discovery and development process. The conference delves into the latest bioinformatics tools, techniques, and methodologies that are being employed to streamline drug discovery processes. This includes topics such as genomics, proteomics, structural biology, and computational modeling. The conference focuses on how bioinformatics is accelerating drug discovery by enabling researchers to identify potential drug candidates more efficiently and understand their mechanisms of action.

ABOUT THE SPEAKERS

DR. LING SHING WONG

Dr. Ling Shing Wong is a distinguished academic and researcher currently holding the positions of Interim Dean and Dean of the Faculty of Health and Life Sciences at INTI International University in **Malaysia**. His impressive research career includes the successful completion of over 25 research projects and the publication of more than 120 scientific articles. In recognition of his innovative contributions, Ling Shing Wong has received numerous awards, including two gold medals, three bronze medals, and four silver medals. He has also been honored with the Vice Chancellor Award for Innovative Teacher and has been recognized as The Most Promising Young Researcher.



DR. CHEA SIN

Dr. Chea Sin is a highly accomplished academic professional, currently serving as the Dean of the Faculty of Pharmacy at the University of Puthisastra (UP), **Cambodia**. He has a strong research background, with 65 published papers to his credit, contributing valuable knowledge to the field. He has played a pivotal role in overseeing and managing 15 research projects, demonstrating his commitment to advancing scientific knowledge. Dr. Chea Sin has received multiple prestigious awards, including the RHAC Best Performer Award, the Cambodian Youth Role Model Award, a Gold Medal from Prime Minister Hun Sen, and the 2020 Global Pharmacy Champion Award.



DR. SREEKANTH GOPINATHAN PILLAI

Dr. Sreekanth Gopinathan Pillai is currently serving as Project Scientist-III at the Department of Applied Biology, CSIR-Indian Institute of Chemical Technology (IICT) **Hyderabad**. He holds membership in the prestigious Royal Society of Biology in the United Kingdom. Dr. Pillai also contributes as an Associate Editor for Frontiers in Cellular and Infection Microbiology. In recognition of his scientific contributions, he was honored with the SCIRE-Young Scientist Award from the SCIRE Research Forum in Cochin, Kerala, in 2019. Dr. Pillai has successfully secured six research grants amounting to Rs 1 crore, showcasing his expertise in project acquisition and management. With a notable academic profile, he has authored 18 publications in reputable journals, reflecting his commitment to advancing knowledge in his field. Engaging with international scientific communities, he is an active member of professional societies such as the International Society for Antiviral Research, Indian Immunology Society, Microbiology Society (UK), The American Society of Microbiology, and Society of Biological Chemists in India. His multidimensional involvement demonstrates a comprehensive and global approach to his research and scientific endeavors.



DR. S. KAVIMANI



Dr. S. Kavimani is a highly accomplished academic professional currently serving as the Professor and Head of the Department of Pharmacology at Mother Theresa Post Graduate & Research Institute of Health Sciences in **Puducherry**. He has supervised 44 Ph. D. scholars, and at present, he is actively mentoring 6 Ph.D. scholars. His research work is well-recognized, with an impressive total of 265 research publications in national and international journals. Additionally, he has authored two books and contributed chapters to publications by Elsevier and Springer. He serves on several important committees, including the Pharmacy Council of India (PCI), the All India Council for Technical Education (AICTE), and the National Board of Accreditation (NBA). He holds the esteemed position of Central Council Member at the Pharmacy Council of India. He also serves as the Chairman of the B. Pharm syllabus committee for PCI. He has been honored with the Best Teacher Award from the Antiviral Society and the Indian Pharmaceutical Graduates' Association (IPGA). He has also received the Best Pharmacist Award from The Tamil Nadu Dr. MGR Medical University, Chennai.

DR. B. DINESH KUMAR



Dr. B. Dinesh Kumar is a distinguished academic and research leader, currently holds the position of Vice-President at the Nutrition Society of India (NSI) **Hyderabad**. With a stellar career, Dr. Dinesh Kumar has previously served as a Scientist 'G' with Director Grade at the ICMR - National Institute of Nutrition (NIN). He has also held significant leadership roles, including the National President of the Indian Pharmacological Society and National Secretary of the Nutrition Society of India. His scholarly work is well-recognized, encompassing over 75 scientific publications with an impressive average impact factor of '3'. Furthermore, he has contributed to regulatory science with 85 reports on pre-clinical toxicology and safety studies, involving 45 indigenous products. As an academic mentor, he has guided and supervised the research of 17 doctoral students. His dedication and excellence have been recognized through Young Scientist Awards from the Andhra Pradesh Academy of Sciences, the Nutrition Society of India (NSI), and the Indian Pharmacological Society (IPS).

DR. MURUGESAN ARUMUGAM



Dr. Murugesan Arumugam is an accomplished academic professional, currently serving as an Assistant Professor of Pharmacology in the Faculty of Pharmacy at Sri Ramachandra Institute of Higher Education and Research (Deemed to be University) in Porur, **Chennai**. He has been honored with prestigious distinctions such as the CSIR - Pool Scientist Fellowship and UGC-BSR Fellowship, which underscore his excellence in research and academic contributions. He was recognized as one of the invitees to the esteemed International Headache Academy Meeting (iHEAD) in 2013, highlighting his expertise and involvement in the field of headache research and treatment. He has received the Young Scientist International Travel Award from the Department of Science and Technology (DST) in India, recognizing his commitment to international collaboration and research. His impressive academic and research journey is marked by a series of prestigious awards and achievements, illustrating his significant contributions to the field of pharmacology and his dedication to advancing scientific knowledge.

POSTER PRESENTATION

CALL FOR PAPER

We cordially invite original, unpublished research papers for e-poster presentation across various disciplines of pharmacy, medicine, bioinformatics, etc. To participate in this conference, presenters are required to be registered members. An abstract summarizing your research, not exceeding 250 words, can be submitted as a pdf file by the corresponding authors to **plscientificdamcop@gmail.com**, on or before 16th Dec 2023. The abstract should provide an overview of your study's objectives, methodology, key findings, and significance. Accepted papers will be intimated through e-mail on or before 21st Dec 2023.

BEST PAPER AWARDS

The top three best papers will be selected to receive Best Paper Awards, accompanied by certificates of appreciation and cash rewards.

Narayanan Nair Memorial Award	Rs. 15,000/-
Devaki Amma Memorial Award	Rs. 12,500/-
Maanu Ettan Memorial Award	Rs. 10,000/-

IMPORTANT DATES

Abstract Submission	23/12/2023
Paper Acceptance	31/12/2023
Registration Deadline	10/01/2024
Conference Dates	24/01/2024 & 25/01/2024

TARGET AUDIENCE

Professionals working in the fields of pharmacy, medicine, ayurveda, bioinformatics, as well as research scholars, industry personnel, undergraduate (UG) and postgraduate (PG) students are all welcome to attend this conference.

REGISTRATION

Indian National	Rs. 1,000
Foreign National	USD 20



BANK DETAILS

Name of Bank	Punjab National Bank
Name of Account	Devaki Amma Memorial College of Pharmacy Accademic Account
Address of Bank	Punjab National Bank, Bank Road, Kozhikode
Bank Account Number	4257000103521826
IFSC	PUNB0425700

PROGRAMME SCHEDULE

Day 1

24.01.2024

WEDNESDAY

09.45 AM to 10.45 AM

Inauguration

10.45 AM to 11.00 AM

High Tea

11.15 AM to 12.30 PM

Session 1

Prof. Chea Sin

Dean,
Faculty of Pharmacy, University of Puthisastra,
Cambodia.

Topic

The future of drug development with quantum computing: challengers, opportunities and the way forward.

12.30 PM to 02.00 PM

Lunch

02.00 PM to 03.15 PM

Session 2

Dr. Ling Shing Wong

Deputy Vice Chancellor of Research,
INTI International University,
Malaysia.

Topic

In silico prediction of ADMET properties and drug likeness of promising compounds using various software.

03.15 PM to 03.30 PM

High Tea

03.00 PM to 04.30 PM

Session 3

Dr. Murugesan Arumugam

Assistant Professor,
Sri Ramachandra Institute of Higher Education & Research,
Chennai.

Topic

Importents of Receptor binding studies in drug discovery : An Industrial perspective.

Day 2

25.01.2024

THURSDAY

10.00 AM to 11.15 AM

Session 1

Dr. B. Dinesh Kumar

Scientist 'G',
Former Director Grade Scientist ICMR - NIN,
Hyderabad.

Topic

Challenges in advanced drug Discovery.

11.15 AM to 11.30 AM

High Tea

11.30 AM to 12.30 PM

Session 2

Dr. Kavimani S

Professor,
Mother Theresa PG and Research Institute of Health Sciences,
Puducherry.

Topic

Ligand - Protein binding affinity Molecular dynamics study.

12.30 PM to 02.00 PM

Lunch

02.00 PM to 03.30 PM

Session 3

Dr. Sreekanth Gopinathan Pillai

Project Scientist-III,
CSIR - Indian Institute of Chemical Technology,
Hyderabad.

Topic

Preclinical therapeutic approaches to combat dengue virus infection.

04.00 PM to 05.00 PM

Valedictory Function

VENUE

KOHINOOR AUDITORIUM
PADIKKAL, MOONNIYUR, MALAPPURAM.(Dt)

LOCATION



NEAREST TOURIST PLACES

- ▶ Kadalundi bird sanctuary - 17 km
- ▶ Bepore beach - 20 km
- ▶ SM street Calicut - 26 km
- ▶ Kozhikode beach - 28 km
- ▶ Mini ooty - 24 km
- ▶ Kappad beach - 40 km
- ▶ kakkadampoyil - 48 km
- ▶ Nilambur Teak Museum - 60 km
- ▶ Thusharagiri waterfalls - 60 km
- ▶ Iringal Sargaalaya Crafts Village - 66 km
- ▶ Elephant camp mammiyoor - 70 km
- ▶ Guruvayur temple - 73 km
- ▶ Sree Vadakkumnathan temple - 94 km
- ▶ Wayanad - 110 km



ORGANIZING TEAM

Chief Patron	
Mrs. N. C. Parvathy, Managing Trustee	
Patron	
Mr. M. Narayanan Trustee & Manager	Mrs. M. Rekha Trustee
Convenor	Co-convenor
Dr. G. Babu Principal	Dr. Biju C. R. Vice Principal
Organizing Secretary	
Dr. E. Tamil Jothi, Head, Department of Pharmacology	
Registration Committee	Scientific Committee
Dr. R. Nethaji Mob: 8281482397	Dr. Anson S. Maroky Mob: 9442351821
Transportation Committee	Accommodation Committee
Mr. Krishna Prasad Mob: 9387082557	Dr. Vimal K. R Mob: 9946110310

CONVENIENCE
PONT



PADIKKAL



CALICUT
INTERNATIONAL
AIRPORT



PARAPPANGADI
FEROKE
KOZHIKODE