ĐẠI HỌC QUỐC GIA HÀ NỘI
TRƯỜNG ĐẠI HỌC KHOA HỌC TỰ NHIÊN

Số: 693 /KHTN-HCĐN
V/v: Tổ chức Hội thảo "From Gene to Protein"

CỘNG HOÀ XÃ HỘI CHỦ NGHĨA VIỆT NAM
Độc lập - Tự do - Hạnh phúc

Hà Nội, ngày 15 tháng 3 năm 2018

- P.QLKH: Thông báo các Đơn vị
- Viện CNSH
- K.NN-SHƯD

17/4

Kính gửi: Trường Đại học Cần Thơ

Nhân dịp kỷ niệm 15 năm thành lập Phòng thí nghiệm trọng điểm Công nghệ Enzym và Protein (PTNTĐCNEP), Trường Đại học Khoa học Tự nhiên, Đại học Quốc Gia Hà Nội sẽ tổ chức Hội thảo quốc tế với tiêu đề ***"From Gene to Protein: Research & Applications" (Từ Gene đến Protein: Nghiên cứu và ứng dụng)***. Hội thảo sẽ diễn ra vào ngày 30 tháng 5 năm 2018, tại Hội trường tầng 7 nhà T5, Trường Đại học Khoa học Tự nhiên, 334 Nguyễn Trãi, quận Thanh Xuân, Hà Nội.

Hội thảo sẽ có các báo cáo về những thành tựu nghiên cứu và ứng dụng mới nhất trong lĩnh vực gen và protein của các nhà khoa học uy tín đến từ Ý, Nhật Bản, Hồng Kông và Việt Nam. Ngôn ngữ sử dụng trong Hội thảo là tiếng Anh. Hội thảo này là diễn đàn để các nhà khoa học và doanh nhân quan tâm tới lĩnh vực gen và protein/enzyme trao đổi những kiến thức cập nhật, kinh nghiệm nghiên cứu và thúc đẩy sự hợp tác trong nghiên cứu, đào tạo và chuyển giao công nghệ. Ngoài ý nghĩa này, đây cũng là dịp để các thế hệ cán bộ, sinh viên/cao học/nghiên cứu sinh đã và đang làm việc, học tập tại PTNTĐCNEP gặp gỡ, giao lưu, tạo lập kết nối và thúc đẩy hợp tác.

Trường Đại học Khoa học Tự nhiên xin trân trọng thông báo và gửi kèm poster, chương trình Hội thảo để Quý cơ quan biết thông tin và thông báo tới các cán bộ có nhu cầu đăng ký tham dự. Thời hạn đăng ký tham dự Hội thảo là đến hết ngày **30/4/2018**. Lệ phí tham dự Hội thảo cho các đại biểu là 200.000 đồng/người (bao gồm các chi phí đăng ký tham dự, các tài liệu của Hội thảo, cà phê giữa giờ và ăn trưa).

Để biết rõ hơn thông tin về Hội thảo, xin truy cập đường dẫn URL: http://klept.com.vn (mục tin mới) và liên hệ gửi đăng ký tham gia qua e-mail theo địa chỉ klepthus08@gmail.com hoặc liên hệ trực tiếp với Ban Tổ chức của Hội thảo (TS. Phạm Thị Thu Hường, ĐT: 04-35579254/0988429928). Ban Tổ chức sẽ gửi giấy mời Hội thảo tới các đại biểu mời và đại biểu đăng ký tham dự trước thời gian Hội thảo diễn ra khoảng một tuần.

Trường Đại học Khoa học Tự nhiên rất mong nhận được sự hợp tác của Quý cơ quan để Hội thảo thành công tốt đẹp.

Trân trọng cảm ơn.

HIỆU TRƯỞNG

ĐẠI HỌC QUỐC GIA HÀ NỘI
TRƯỜNG ĐẠI HỌC KHOA HỌC TỰ NHIÊN

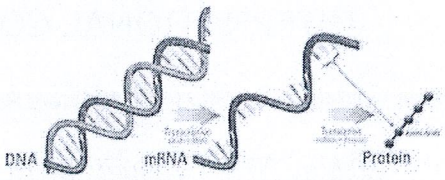
GS.TS. Nguyễn Văn Nội

Nơi nhận:
- Như trên;
- Lưu VT.

INTERNATIONAL CONFERENCE

"FROM GENE TO PROTEIN: RESEARCH & APPLICATIONS"

30 May 2018 / Venue: 334 Nguyen Trai, Hanoi



TENTATIVE PROGRAM

8.00-10.00	15th anniversary ceremony of KLEPT	An event prior to the conference
10.00-10.20	Photo & coffee break	
10.20-10.30	Opening remarks and introduction of key-note speakers	
Key note talks		
10.30-11.15	Keynote[1] **Prof. Giovani Delogu** Institute of Microbiology, Catholic University of the Sacred Heart, Italy	Molecular determinants in Mycobacterium tuberculosis pathogenesis: the role of PE_PGRS proteins
11.15-12.00	Keynote[2] **Prof. Kazuo Sakurai** Kitakyushu University, Japan	Beta-glucans for Therapeutic Oligonucleotide Delivery: Immunocyte Targeting DDS with Dectin-1
12.00-13.25	Lunch buffet	At the lobby
Invited talks		
13.30-14.00	I[1] **Prof. Phan Tuan Nghia** KLEPT, VNU University of Science, Vietnam	Development of recombinant vaccines for protection of shrimps against white spot syndrom virus: archivements and challenges
14.00-14.30	I[2] **Prof. Ta Thanh Van** Center for Gene & Protein Research, Hanoi Medical University, Vietnam	Development of TCD8 lymphocyte Immuno-cell base for cancer therapy
14.30-15.00	I[3] **Assoc. Prof. Nguyen Huy Hoang** Human Genome Insitute, Vietnam	Next generation sequencing in basic research and application in Vietnam
15.00-14.20	I[4] **Dr. Justin Lim** SCIEX Company, Singapore	Multi-omics research using SCIEX workflow solutions- Based on proteomics (SWATH), metabolomics, lipidomics and oneomics solution
15.20-15.40	Coffee break	At the lobby
15.40-16.10	I[5] **Dr. Nguyen Van Sang** FOB, VNU University of Science, Vietnam	Structural basis for the bacterial membrane insertion of dermcidin peptide, DCD-1L
16.10-16.40	I[6] **Dr. Vu Van Van** Nguyen Tat Thanh University, Vietnam	Discovery, characterization, and potential applications of polysaccharide monooxygenases
16.40-17.10	I[7] **Ass. Prof. Nguyen Tuan Anh** Hong Kong University of Science and Technology, Hong Kong	Molecular Mechanism of microRNA Biogenesis
17.10-17.20	Closing remarks	

Note: A tour to Ha Long bay or Bat Trang village in 31 May is organized mainly for key note and invited speakers. Participants who wish to join the tour, please contact the organizer for further details.

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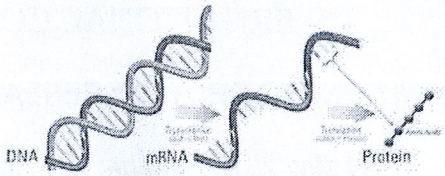
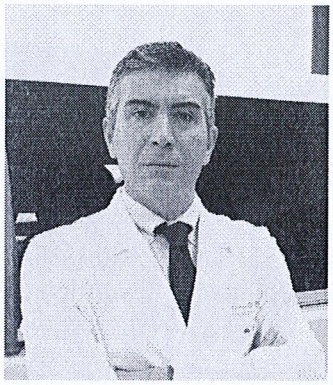


Short bio of keynote speakers

Giovanni Delogu



Giovanni Delogu, PhD, is Associate Professor of Microbiology and Clinical Microbiology at the Catholic University of the Sacred Heart – Fondazione Policlinico Gemelli, Rome (Italy). The main scientific interests involve tuberculosis (TB) and mycobacterial infections from different perspectives including: pathogenesis and host-pathogen interaction of TB using in vitro and in vivo models; development and evaluation of new antimicrobials and host-directed therapies against TB and other bacterial pathogens; microbiological and immunological diagnosis of TB; WGS and molecular epidemiology of TB; surveillance of antimicrobial resistance. Research in this field has been funded in the last ten years by the EU (FP6 & 7), Italian Minister of Health, Italian Minister of University and Scientific Research. The expertise gained in the TB field over 25 years have also been transferred to others fields of microbiology and infectious diseases. There is an interest to pursue research in other close areas of microbiology infectious diseases. He previously visited Vietnam to run a workshop on TB in 2007 in Hanoi and in 2008 in Hue.

Kazuo Sakurai

Kazuo Sakurai, PhD, is Professor of Pharmaceutical & Organic Chemistry at the Department of Life Science and Environmental Enginering, University of Kitakyushu (Japan). The main scientific interests involve characterization of Polysaccharide/DNA complexes and its application to gene delivery, synthesis and characterization of novel cationic liposome for plasmid DNA delivery, synchrotron small-angle X-ray scattering from DNA complexes. Research in this field has been funded in the last fifteen years by the Japanese Science & Technology Agency, (JST) including SORST Program, Grant-in-Aid for Scientific Research Class B, Grant-in-Aid for Scientific Research "Houga" JST Seed innovation "Kenzaika" Stage, JST CREST, JST NeXTEP... He has published 70 papers in international journals and number of patents. He has been presented the best inventor award (1998), the award from Mitsubishi-chemical polymer society (2008), and the Adrian award from Royal Science Society, UK (2013). Curretnly, he is the chair of Advanced Softmaterial Beamline Consortium Organizing Committee and is the Director of Biomedical Material Center, Institute of Environmental Science and Technology (IEST), The University of Kitakyushu, and a consultant for number of pharmaceutical companies.

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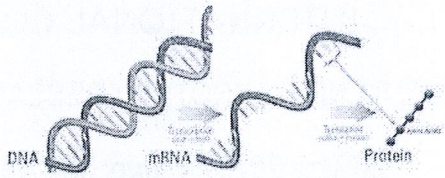
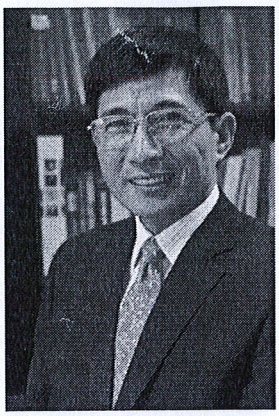
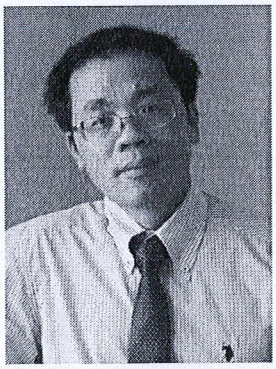


Short bio of invited speakers



Professor Tuan-Nghia Phan has been working as a lecturer of Biochemistry and Biotechnology at the VNU University of Science in Hanoi since 1991. He finished his PhD at the University of Hanoi in 1988 and held a postdoctoral position at the International Centre for Genetic Engineering and Biotechnology (ICGEB) in New Delhi, India (1995–1997) and a postdoctoral associate research fellow position at the University of Rochester in New York, USA (1998–2001). His recent research interests include development of recombinant vaccines for protection of shrimps against white spot syndrome virus, HIV-1 protease and its inhibitors, mitochrondrial genome mutations in humans. He is the author and co-author of 4 books and nearly 130 papers published in international and national peer-reviewed journals. Presently, Professor Tuan-Nghia Phan is the Director of National Key Laboratory of Enzyme and Protein Technology and Vice Rector in charge of Research and Quality Assurance of the VNU University of Science.



Professor Ta Thanh Van, MD., Ph.D. graduated at Hanoi Medical University in 1987 specialized in Surgery and Obstetric, residency course in Biochemistry in 1990, received PhD at Kyoto Institute of Technology in 1999. Subsequently, he went to United States for his postdoctoral study (1999-2001) then went back to Japan (2001-2003) for his second postdoctoral study at Kyoto University. After long time study abroad, he came back to work in Hanoi Medical University, Department of Biochemistry. He was appointed as Vice director of the Department of Science and training of the Ministry of Health (2007-2011), Vice president of Hanoi Medical University in charge of graduate training, scientific management and international affairs (2009). In addition, He is Director of the Center for gene and protein research, Director of the Quality control center for laboratory management of Hanoi Medical University and Chair of the deparment of Biochemistry. Dr. Ta Thanh Van was appointed as Associate professor (2007), full Professor (2012). He was National honor distinguish lecturer (2017). Prof. Ta Thanh Van has been principal investigator of many scientific projects sponsored by Ministry of Science and Technology, Ministry of Health and National Intitute of Health of the US. He is author/co-author of more than 300 scientific papers, among them 20 have been published in high ranking international journals. Prof. Ta Thanh Van is also author and co-author of many books in biochemistry and medical molecular biology. Besides, he is a member of many national and international scientific boards and organizations.

Associate Professor Nguyen Huy Hoang finished his PhD in Biochemistry and Moleculalr Biology at Saarland University, Germany in 2008. His main research interests include: Investigation of variations of CYP11B1, CYP11B2, CYP11A1 and StaR gene; expression of cytochrome P450 in *E.coli* and mammalian cells; study of steroid metabolism; application of recombinant enzyme in industry agriculture. He has published 14 papers in international journals and has been funded a number of research projects from Ministry of Science, Ministry of Trade and Industry, Vietnam Academy of Science and Technology (VAST). Currently, Associate Professor Nguyen Huy Hoang is the Director of Human Genome Research Institue, VAST.

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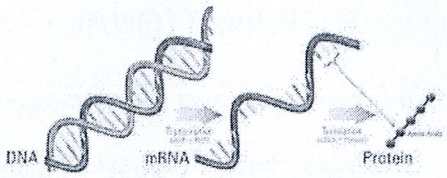
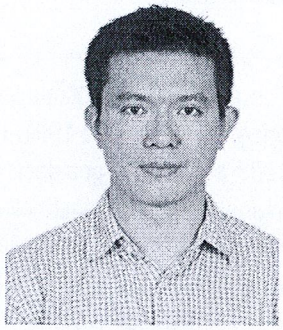
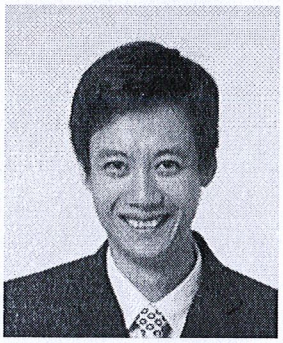
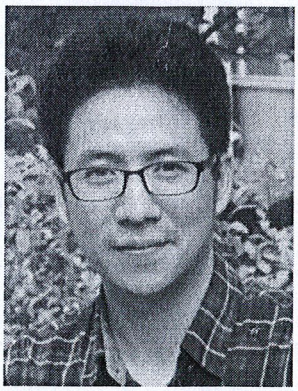




Dr. Nguyen Van Sang received his Ph.D. degree in Structural Biology at National University of Singapore (NUS) in 2013. He worked as postdocs at NUS for 2 years before moving back Vietnam. Currently, Dr. Nguyen Van Sang is a lecturer and a principal investigator at Department of Genetics, Faculty of Biology, Vietnam National University in Hanoi (VNU). He is also the head of Molecular and Celular biology Lab, Center for Life Science, Faculty of Biology, VNU. His research interests focus on 3 topics (1) the elucidation of protein structure-function relationship using Nuclear Magnetic Resonance (NMR) or X-ray crystallography, electron microscopy (EM), and mass spectrometry (MS) (2) recombinant protein production for medical and industrial applications, (3) Functional genomics of viruses. Dr. Sang has published papers on structures of protein-protein complexes (T3SS complex), structures of protein with their small inhibitors (NF-kB proteins) and a structure of human antimicrobial peptide (dermcidin) with bacterial membrane.



Dr. Vu Van Van was awarded a graduate fellowship from Vietnam Education Foundation and obtained his Ph.D. degree in bioinorganic chemistry from the Univesity of Minnesota-Twin Cities in 2011. He then spent three years as a postdoctoral researcher at the Scripps Research Institute, working on biomass coversion in a project funded by BP Alternative Energy. He started his independent research career at Nguyen Tat Thanh University in 2015 when he was appointed the director of NTT Hi-Tech Institute. Van's main research interests lay in the interface between chemistry and biology, with the focus on fundamental studies and practical applications of oxygen-activating metalloenzymes. Van's current research program addresses the structure, mechanism, biological functions, and applications of polysaccharide monoooxygenases (PMOs), copper- and oxygen-dependent enzymes that play important role in recalcitrant polysaccharide degradation and microbial pathogenesis. Beside running his own research group, Van is working on building NHTI as an institute for research, training, technology incubation, and technology transfer.



Assistant Professor Nguyen Tuan Anh received his PhD in Biochemistry at Korea Advance Institute of Science and Technology, Korea (2012), and obtained a doctal fellowship at Prof. Narry Kim's lab Seoul (2012-2016). He is currently an assistant professor at Hong Kong University of Science and Technology. The main scientific interests involve functional anatomy of the human microprocessor, such as DROSHA. He has published 13 papers in international journals including two papers in Cell (first author). He has been presented a number of fellowships and prizes. In 2015, he was awarded Young Scientist prize from Korea Society for Structural Biology. Now, he continues his research on microRNAs which is funded by HKUST and National Natural Science Foundation of China, and Hong Kong Research Grant Council.

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