



CERTIFICATE OF PUBLICATION



THIS IS TO CERTIFY THAT

Suttavadee Junyakul

Has presented a proceeding titled

**Whole cell bioconversion of hexanoic acid to hexanol using recombinant
carboxylic acid reductase and xylose reductase in Escherichia coli**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
Held during August 5-7, 2026
Mandarin Hotel Bangkok, Bangkok, Thailand

Dr. Chantragan Phiphomongkol
President of the Protein Society of Thailand



Dr. Poorichaya Somparn
Chair of the Organizing Committee





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THIS IS TO CERTIFY THAT

Puttharaksa Sampaonoi

Has presented a proceeding titled

**PREDICTION, EXPRESSION, PURIFICATION & CHARACTERIZATION OF A
GLYCOSIDE HYDROLASE FAMILY 175 ENZYME**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Pattarasritida Phatthapong

Has presented a proceeding titled

Neokestose-rich fructooligosaccharides extracted from red onion ameliorate obesity-associated oxidative stress and renal injury in high-fat diet-induced obese rats

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Chaiwat Buranaphan

Has presented a proceeding titled

**Development and Validation of a GPC3-Targeted Liposomal Platform for Precision
Drug Delivery in Hepatocellular Carcinoma**

in Abstracts and Proceedings Book
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THIS IS TO CERTIFY THAT

Artittaya Samanloh

Has presented a proceeding titled

**Experimental coevolution reveals candidate proteins determinant associated with
host range alteration in vibriophage.**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Waritsara Susena

Has presented a proceeding titled

**Characterization of a Highly Invasive Melanoma Cell with Activation of Matrix
Metalloproteinase Enzyme and Upregulation of Vimentin Protein**

in Abstracts and Proceedings Book
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THIS IS TO CERTIFY THAT

Kanyanut Kotanart

Has presented a proceeding titled

**SRPIN340 Potentiates Tunicamycin-Induced ER Stress-Mediated Apoptosis and
Autophagy-Related Responses in Melanoma Cells**

in Abstracts and Proceedings Book
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THIS IS TO CERTIFY THAT

Kavita Dubey

Has presented a proceeding titled

**Investigation of Anti-CD47 Inhibitory Effects on Tamoxifen-Resistant MCF-7
Breast Cancer Cells in Macrophage-Mediated Phagocytosis**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Jongrak Attarat

Has presented a proceeding titled

Preliminary Evaluation of Congo Red Decolorization Using Peroxidase Extracted from Orange Peel

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
Held during August 5-7, 2026
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THIS IS TO CERTIFY THAT

Nadtaya Kongpan

Has presented a proceeding titled

**Therapeutic Effects of SLPI-Containing Extracellular Vesicles on Cardiac Cells
Subjected to Ischemia-Reperfusion Injury**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Sophita Rodrukxa

Has presented a proceeding titled

Functional analysis of FmHtrA2 in apoptosis of banana shrimp (*Fenneropenaeus merguensis*) by RNA interference-mediated gene silencing

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Salinthip Promngam

Has presented a proceeding titled

**Cardioprotective Effects of Cardiomyocyte-Targeted Extracellular Vesicles
Against Oxygen-Glucose Deprivation/Reperfusion Injury**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Apinya Sintavee

Has presented a proceeding titled

**Screening and binding-profile analysis of cyclic peptides against JAK1, JAK2
and JAK3 using molecular docking, molecular dynamics and machine learning**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Yawitthaphorn Soihin

Has presented a proceeding titled

**Effect of ethanolic extracts from *Syzygium aromaticum* bud residues on
Transforming Growth Factor-beta 1 induced prostate cancer cell progression**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Punnaphat Yasin

Has presented a proceeding titled

**Probiotic supplementation with *Lactacaseibacillus chiayiensis* TISTR 2529 and
Limosilactobacillus reuteri TISTR 2736 attenuates hepatic enzyme and lipid alterations and
modulates the gut microbiota in a fructose-induced MASLD rat model**

in Abstracts and Proceedings Book
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THIS IS TO CERTIFY THAT

Sriwilai Jaidee

Has presented a proceeding titled

A FReD-containing lectin facilitates the clearance of *Vibrio parahaemolyticus* in banana shrimp (*Fenneropenaeus merguensis*)

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Yanisa Chomchuen

Has presented a proceeding titled

Antibacterial characterization of recombinant FmCrustin from *Fenneropenaeus merguensis*

in Abstracts and Proceedings Book
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THIS IS TO CERTIFY THAT

Pandharee Srisong

Has presented a proceeding titled

**Functional characterization of the inhibitor of apoptosis protein (FmIAP)
in Fenneropenaeus merguensis via RNA interference**

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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Sukasem Kiatsukasem

Has presented a proceeding titled

Tuning the Efficiency of DNA Amplification by Dual-Scaffolded Catalytic Condensates

in Abstracts and Proceedings Book
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Ratana Charoenwattanasatien

Has presented a proceeding titled

**Structural study of 2-Cys Peroxiredoxin (PRX1) T84E mutant
from *Chlamydomonas reinhardtii***

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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Thada Wangsahnga

Has presented a proceeding titled

**Production and Characterization of a Phage-Encoded LysM Protein
with Preliminary Antibiofilm Activity Against *Clostridioides difficile***

in Abstracts and Proceedings Book
of the 20th International Symposium of the Protein Society of Thailand (PST2026)
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THIS IS TO CERTIFY THAT

Misal Rana Magar

Has presented a proceeding titled

**Enhancing translation efficiency via combinatorial design of orthoflaviviral
5' and 3' untranslated regions**

in Abstracts and Proceedings Book
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Nuttanid Numnoi

Has presented a proceeding titled

**Multi-buffer proteomic profiling reveals detyrosination-associated remodeling
of buffer-resolved proteomes in VASH1+2KO A549 cancer cells**

in Abstracts and Proceedings Book
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