

Senior Researcher
Insilicogen Inc,
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Sathiyamoorthy Subramaniyam, Ph.D

Education

- Sep 2008 – Aug 2011* **Kyung Hee University (Global Campus)**
Ph.D, Oriental Medicinal Biotechnology (95.3 %)
Suwon, South Korea
- Jul 2004 – May 2006* **Kongunadu Arts and Science College**
M.Sc, Bioinformatics (73%)
Coimbatore, Tamil Nadu, India
- Jul 2000 – May 2003* **Mahendra Engineering College**
B.Sc, Applied science - Information Technology (72%)
Namakkal, Tamil Nadu, India

Doctoral Thesis

Tri-terpenoid pathway genes were identified and characterized using data-mining approach from *Panax ginseng*, *Gynostemma pentaphyllum* and *Codonopsis lanceolate*. Further, the cytochrome and glyco/gluco transferase gene families are clustered and partially annotated using comparative genomics and used for conversion of ginsenosides (tri-terpenoids) by altering the side chain carbohydrates.

Research Experience (10+ Years)

- April 2021 - Present* **Deputy Principal Researcher**
Insilicogen, Inc., Research and Development Center,
Gyeonggi-do, South Korea,
South Korea.
- Dec 2017 – Mar 2021* **Senior Researcher**
Insilicogen, Inc., Research and Development Center,
Gyeonggi-do, South Korea,
South Korea.

- Feb 2016 – Mar 2017* **Senior Researcher (Manager)**
Theragen Bio Institute, Bioinformatics,
Gyeonggi-do, South Korea.
- Jun 2013 – Dec 2015* **Senior Researcher**
Insilicogen, Inc., Codes,
Gyeonggi-do, South Korea,
South Korea.
- Sep 2012 – Apr 2013* **Postdoctoral Fellow**
Korea Institute for Advanced Study,
Department of Computational Sciences,
Hoegi-ro, Seoul, South Korea.
- Sep 2011 – Aug 2012* **Postdoctoral Fellow**
Kyung Hee University,
Department of Oriental Medicinal Biotechnology,
Suwon-si, Gyeonggi-do, South Korea.
- Dec 2007 – Jul 2008* **Project Assistant**
Indian Institute of Science,
Supercomputer Education and Research Centre,
Bangalore, India.
- May 2006 - Nov 2007* **Senior Research Fellow**
Tamil Nadu Agricultural University
Center for plant molecular biology and biotechnology
Coimbatore, India.

Publication Statistics

Publications 56

Cumulative Impact Factor 150.66

Citations 1426

I10 Index 36

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Awards & Grants

Sep 2008 – Aug,2011 Kyung Hee University Presidential Scholarship

Dec 2010 Best researcher by Korean Ginseng Center for Most Valuable Products, Kyung Hee University, South Korea, Dec, 2010.

Jan 2013 Best Oral presentation award from Korean Protein Society, 12th KIAS protein folding winter school), Jan, 2013.

Skills

Professional Skills **Genomics:**

- ✓ Next Generation Sequence data analysis (up to Third generations)
 - Denovo transcriptome & Genomes (Assembly ~ Functional annotations)
 - Comparative genomics
 - Metagenomics (Microbial Community analysis - BIOM, QIIME, MetaCoMet)
 - Integration of multi-omics (Methyl, miRNA, mRNA and Metabolites)

Human:

- ✓ Whole genome sequencing (WGS) and whole exome sequencing (WES)
 - Somatic mutations & Germline mutations analysis for Korean populations (Breast Cancer, Bladder Cancer)
 - Germline mutations analysis for Russian family (Leukodystrophy - rare diseases)
 - Most of the interpretation knowledge gained from "The 14th International Meeting on HumanGenome Variation and Complex Genome Analysis (HGV2013)"
- ✓ Methylome chip data analysis.
- ✓ Cancer Genome analysis
- ✓ Gastric Cancer Diagnostic Marker Identification (miRNA and mRNA)
- ✓ Functional transcriptome (Differential expression and *denovo* predictions)

Plant (Model and Non model organism):

- ✓ Ginseng plant transcriptomics, pharmacogenomics, and phyto-chemistry
- ✓ Text mining for secondary metabolites from medicinal plants.
 - Key components of medicinal plants collected from pubmed abstracts/full text and relate to the human biological networks. Finally, these contents were organized in user friendly database.
- ✓ Comparative / Functional genome annotations and Genotyping

Non Model Species:

- ✓ Xylaria (Fungal-Genome)
- ✓ Valeriana fauriei (Plant-Transcriptome)

- ✓ *Periplaneta Americana* (Animal – Transcriptome)
- ✓ *Aurantiochytrium* sp. KRS1020, and *Thraustochytrium* sp.CH4 (Algae-Genomes)
- ✓ *Meloidogyne incognita* (Worm – Multiomics)
- ✓ *Laodelphax striatellus* (Insect-Genome)
- ✓ *Haliotis dicuss* and *hannai* (Fish-Genome)
- ✓ *Panax ginseng* (Plant-Transcriptome)

Computational predictions:

- ✓ Semi-automated pipelines design and optimizations
 - miRNA (plants and vertebrates)
 - Antimicrobial Peptides (Machine learning features)
- ✓ Protein structure modeling, Docking (Ptn - ligand), and Dynamics.

Programming Languages:

- ✓ Python, R (Basic), Shell Script (Basic)
- ✓ MySQL

Ph.D Thesis (Reviewer):

Lin-Hu Quan: Cloning and expression of glycosidase genes isolated from *Microbacterium esteraromaticum* GS514 in *E. coli* and application in bioconversion of ginsenosides.

Journal Publications

Malik, Adeel, **Sathiyamoorthy Subramaniyam**, Chang-Bae Kim, and Balachandran Manavalan. "Sortpred: The First Machine Learning Based Predictor to Identify Bacterial Sortases and Their Classes Using Sequence-Derived Information." *Computational and Structural Biotechnology Journal* 20 (2022/01/01/ 2022): 165-74. **Impact Factor: 7.27**

Mi, Xiao-Jie, Thi Hoa My Tran, Hye-Ryung Park, Xing Yue Xu, **Sathiyamoorthy Subramaniyam**, Han Sol Choi, Jina Kim, Sung Cheol Koh, and Yeon Ju Kim. "Immune-Enhancing Effects of Postbiotic Produced by *Bacillus Velezensis* Kh2-2 Isolated from Korea Foods." *Food Research International* 152 (2022/02/01/ 2022): 110911. **Impact Factor: 6.46**

Shin, Younhee, **Sathiyamoorthy Subramaniyam**, Jin-Mi Chun, Ji-Hyeon Jeon, Ji-Man Hong, Hojin Jung, Boseok Seong, and Chul Kim. "Genome-Wide Differential Methylation Profiles from Two Terpene-Rich Medicinal Plant Extracts Administered in Osteoarthritis Rats." *Plants* 10, no. 6 (2021): 1132. **Impact Factor: 3.93**

- Yu, Go-Eun, Younhee Shin, **Sathiyamoorthy Subramaniyam**, Sang-Ho Kang, Si-Myung Lee, Chuloh Cho, Seung-Sik Lee, and Chang-Kug Kim. "Machine Learning, Transcriptome, and Genotyping Chip Analyses Provide Insights into Snp Markers Identifying Flower Color in *Platycodon Grandiflorus*." Scientific Reports 11, no. 1 (2021/04/13 2021): 8019. **Impact Factor: 4.37**
- Song, Kihwan, Younhee Shin, Myunghee Jung, **Sathiyamoorthy Subramaniyam**, Keun Pyo Lee, Eun- A. Oh, Jin Ho Jeong, and Jeong-Gu Kim. "Chromosome-Scale Genome Assemblies of Two Korean Cucumber Inbred Lines." [In eng]. Frontiers in genetics 12 (2021): 733188-88. **Impact Factor: 4.59**
- Lee, Joon Ha, Myunghee Jung, Younhee Shin, **Sathiyamoorthy Subramaniyam**, In-Woo Kim, Minchul Seo, Mi-Ae Kim, et al. "Draft Genome of the Edible Oriental Insect *Protaetia Brevitarsis Seulensis*." . Data Report. Frontiers in Genetics 11 (2021-January-13 2021). **Impact Factor: 4.59**
- Subramaniyam, Sathiyamoorthy**, Seonhwa Bae, Myunghee Jung, Younhee Shin, and Jae-Hyeon Oh. "The Transcriptome Data from the Leaves of Four Papaver Species Captured at the Plant's Three Developmental Life Cycles." Data in Brief 28 (2020/02/01/ 2020): 104955.
- Govindaraj, G. Rajiv, **Sathiyamoorthy Subramaniyam**, and Balachandran Manavalan. "Extremely-Randomized-Tree-Based Prediction of N6-Methyladenosine Sites in *Saccharomyces Cerevisiae*." Current Genomics 21, no. 1 (2020): 26-33. **Impact Factor: 2.63**
- Kim, Seunghwan, **Sathiyamoorthy Subramaniyam**, Myunghee Jung, Eun- A. Oh, Tae Ho Kim, and Jeong-Gu Kim. "Genome Resource of *Podospaera Xanthii*, the Host-Specific Fungal Pathogen That Causes Cucurbit Powdery Mildew." Molecular Plant-Microbe Interactions® 34, no. 4 (2021/04/01 2020): 457-59. **Impact Factor: 4.17**
- Vinothini Boopathi, **Sathiyamoorthy Subramaniyam**, Ramya Mathiyalagan, Deok-Chun Yang: *Till 2018: A Survey of Biomolecule Sequences in Genus Panax*. Journal of ginseng research 06/2019;; DOI:10.1016/j.jgr.2019.06.004. **Impact Factor: 4.02**
- Vinothini Boopathi, **Sathiyamoorthy Subramaniyam**, Adeel Malik, Gwang Lee, Balachandran Manavalan, Deok-Chun Yang: *mACppred: A Support Vector Machine-Based Meta-Predictor for Identification of Anticancer Peptides*. International Journal of Molecular Sciences 04/2019;; DOI:10.3390/ijms20081964. **Impact Factor: 4.18**
- Ga-Hee Shin, Younhee Shin, Myunghee Jung, Ji-man Hong, Sangmin Lee, **Sathiyamoorthy Subramaniyam**, Eun-Soo Noh, Eun-Ha Shin, Eun-Hee Park, Jung Youn Park, Young-Ok Kim, Kwnag-Min Choi, Bo-Hye Nam, Chan-Il Park: *First Draft Genome for Red Sea Bream of Family Sparidae*. Frontiers in Genetics 12/2018; 9:643., DOI:10.3389/fgene.2018.00643. **Impact Factor: 3.51**
- Dowan Kim, Myunghee Jung, In Ha, Min Lee, Seok-Geun Lee, Younhee Shin, **Sathiyamoorthy Subramaniyam**, Jaehyeon Oh: *Transcriptional Profiles of Secondary Metabolite Biosynthesis Genes and Cytochromes in the Leaves of Four Papaver Species*. 11/2018; 3(4):55., DOI:10.3390/data3040055
- Jeong-Ho Kim, Jong-Oh Kim, Chan-Hyeok Jeon, U-Hwa Nam, **Sathiyamoorthy Subramaniyam**, Seung-II Yoo, Jun-Hyung Park: *Comparative transcriptome analyses of the third and fourth stage larvae of Anisakis*

simplex (Nematoda: Anisakidae). Molecular and Biochemical Parasitology 10/2018; 226., DOI:10.1016/j.molbiopara.2018.10.002. **Impact Factor: 2.16**

Balachandran Manavalan, **Sathiyamoorthy Subramaniyam**, Tae Hwan Shin, Myeong Ok Kim, Gwang Lee: *Machine-Learning-Based Prediction of Cell-Penetrating Peptides and Their Uptake Efficiency with Improved Accuracy*. Journal of Proteome Research 06/2018; 17(8)., DOI:10.1021/acs.jproteome.8b00148. **Impact Factor: 4.98**

Jong-Young Lee, Seok Joong Yun, Pildu Jeong, Xuan-Mei Piao, Ye-Hwan Kim, Jihye Kim, **Sathiyamoorthy Subramaniyam**, Young Joon Byun, Ho Won Kang, Sung Phil Seo, Jayoung Kim, Jung Min Kim, Eun Sang Yoo, Isaac Y. Kim, Sung-Kwon Moon, Yung Hyun Choi, Wun-Jae Kim: *Identification of differentially expressed miRNAs and miRNA-targeted genes in bladder cancer*. Oncotarget 02/2018; 9(45)., DOI:10.18632/oncotarget.24441

Padmanaban Mohanan, **Sathiyamoorthy Subramaniyam**, Ramya Mathiyalagan, Deok-Chun Yang: *The molecular signaling of ginsenosides Rb1, Rg1, Rg3 and their mode of actions*. Journal of ginseng research 01/2017; DOI:10.1016/j.jgr.2017.01.008, **Impact Factor: 3.98**

Parthiban Subramanian, In-Chan Choi, Vimalraj Mani, Junhyung Park, **Sathiyamoorthy Subramaniyam**, Kang-Hyun Choi, Joon-Soo Sim, Chang-Muk Lee, Ja Choon Koo, Bum-Soo Hahn, Vimal Raj: *Stage-Wise Identification and Analysis of miRNA from Root-Knot Nematode Meloidogyne incognita*. International Journal of Molecular Sciences 10/2016; 17(10). DOI:10.3390/ijms17101758, **Impact Factor: 3.25**

Sung-Joo Yoon, Johan Sukweenadhi, Altanzul Khorolragchaa, Ramya Mathiyalagan, **Sathiyamoorthy Subramaniyam**, Yeon-Ju Kim, Ho-Bin Kim, Mi-Jung Kim, Yu-Jin Kim, Deok-Chun Yang: *Overexpression of Panax ginseng sesquiterpene synthase gene confers tolerance against Pseudomonas syringae pv. tomato in Arabidopsis thaliana*. Physiology and Molecular Biology of Plants 10/2016; DOI:10.1007/s12298-016-0384-9, **Impact Factor: 1.35**

In-Woo Kim, Kesavan Markkandan, Joon Ha Lee, **Sathiyamoorthy Subramaniyam**, Seungil Yoo, Junhyung Park, Jae Sam Hwang: *Transcriptome profiling and in silico analysis of the antimicrobial peptides of the grasshopper Oxya chinensis sinuosa*. Journal of Microbiology and Biotechnology 09/2016; DOI:10.4014/jmb.1608.08029, **Impact Factor: 1.68**

Ngoc-Lan Nguyen, Yeon-Ju Kim, Van-An Hoang, **Sathiyamoorthy Subramaniyam**, Jong-Pyo Kang, Chang Ho Kang, Deok-Chun Yang: *Bacterial Diversity and Community Structure in Korean Ginseng Field Soil Are Shifted by Cultivation Time*. PLoS ONE 05/2016; 11(5). DOI:10.1371/journal.pone.0155055, **Impact Factor: 3.23**

In-Woo Kim, Joon Ha Lee, **Sathiyamoorthy Subramaniyam**, Eun-Young Yun, Iksoo Kim, Junhyung Park, Jae Sam Hwang: *De Novo Transcriptome Analysis and Detection of Antimicrobial Peptides of the American Cockroach Periplaneta americana (Linnaeus)*. PLoS ONE 05/2016; 11(5). DOI:10.1371/journal.pone.0155304, **Impact Factor: 3.23**

Bo-Hye Nam, Myunghee Jung, **Sathiyamoorthy Subramaniyam**, Seung-il Yoo, Kesavan Markkandan, Ji-Young Moon, Young-Ok Kim, Dong-Gyun Kim, Cheul Min An, Younhee Shin, Ho-jin Jung, Jun-hyung Park: *Transcriptome Analysis Revealed Changes of Multiple Genes Involved in Haliotis discus hannai Innate*

Immunity during Vibrio parahemolyticus Infection. PLoS ONE 04/2016; 11(4). DOI:10.1371/journal.pone.0153474, **Impact Factor: 3.23**

Younhee Shin, Ho-jin Jung, Myunghee Jung, Seung-il Yoo, **Sathiyamoorthy Subramaniyam**, Kesavan Markkandan, Jun-Mo Kang, Rajani Rai, Junhyung Park, Jong-Joo Kim: *Discovery of Gene Sources for Economic Traits in Hanwoo by Whole-Genome Resequencing.* Asian Australasian Journal of Animal Sciences 03/2016; 29(9). DOI:10.5713/ajas.15.0760, **Impact Factor: 0.76**

Ramya Mathiyalagan, Yeon Ju Kim, Chao Wang, Yan Jin, **Sathiyamoorthy Subramaniyam**, Priyanka Singh, Dandan Wang, Deok Chun Yang: *Protopanaxadiol aglycone ginsenoside-polyethylene glycol conjugates: synthesis, physicochemical characterizations, and in vitro studies.* Artificial Cells, Nanomedicine, and biotechnology. 11/2015; DOI:10.3109/21691401.2015.1105236, **Impact Factor: 2.04**

Ramya Mathiyalagan, **Sathiyamoorthy Subramaniyam**, Yeon Ju Kim, Youn-Chul Kim, Deok Chun Yang: *Ginsenoside compound K-bearing glycol chitosan conjugates: Synthesis, physicochemical characterization, and in vitro biological studies.* Carbohydrate Polymers 06/2014; 112(November 2014). DOI:10.1016/j.carbpol.2014.05.098, **Impact Factor: 4.21**

Sathiyamoorthy Subramaniyam, Ramya Mathiyalagan, Sathishkumar Natarajan, Yu-Jin Kim, Moon-Gi Jang, Jun-Hyung Park, Deok Chun Yang: *Transcript expression profiling for adventitious roots of Panax ginseng Meyer.* Gene 05/2014; 546(1). DOI:10.1016/j.gene.2014.05.024, **Impact Factor: 2.32**

Ramya Mathiyalagan, **Sathiyamoorthy Subramaniyam**, Yeon Ju Kim, Sathishkumar Natarajan, Jin Woo Min, Se Young Kim, Deok Chun Yang: *Synthesis and pharmacokinetic characterization of a pH-sensitive polyethylene glycol ginsenoside CK (PEG-CK) conjugate.* Bioscience Biotechnology and Biochemistry 04/2014; 78(3). DOI:10.1080/09168451.2014.885827, **Impact Factor: 1.06**

Veerappan Karpagam, Natarajan Sathishkumar, **Subramaniyam Sathiyamoorthy**, Periannan Rasappan, Samuel Shila, Yeon-Ju Kim, Deok-Chun Yang: *Identification of BACE1 inhibitors from Panax ginseng saponins-An Insilco approach.* Computers in Biology and Medicine 09/2013; 43(8). DOI:10.1016/j.combiomed.2013.05.009, **Impact Factor: 1.52**

Natarajan Sathishkumar, Veerappan Karpagam, **Subramaniyam Sathiyamoorthy**, Min Jin Woo, Yeon-Ju Kim, Deok-Chun Yang: *Computer-aided identification of EGFR tyrosine kinase inhibitors using ginsenosides from Panax ginseng.* Computers in Biology and Medicine 07/2013; 43(6). DOI:10.1016/j.combiomed.2013.02.020, **Impact Factor: 1.52**

Ramya Mathiyalagan, **Sathiyamoorthy Subramaniyam**, Sathishkumar Natarajan, Yeon Ju Kim, Myung Suk Sun, Se Young Kim, Yu-Jin Kim, Deok Chun Yang: *Insilico profiling of microRNAs in Korean ginseng (Panax ginseng Meyer).* Journal of ginseng research 04/2013; 37(2). DOI:10.5142/jgr.2013.37.227, **Impact Factor: 3.90**

Lin-Hu Quan, Jin-Woo Min, **Subramaniyam Sathiyamoorthy**, Dong-Uk Yang, Yeon-Ju Kim, Deok-Chun Yang: *Biotransformation of ginsenosides Re and Rg1 into ginsenosides Rg2 and Rh1 by recombinant β -glucosidase.* Biotechnology Letters 01/2012; 34(5). DOI:10.1007/s10529-012-0849-z, **Impact Factor: 1.64**

Balusamy Sri Renuka Devi, Yu-Jin Kim, **Subramaniyum Sathiyamoorthy**, Altanzul Khorolragchaa, Sathiyaraj Gayathri, Shohana Parvin, Dong-Uk Yang, Senthil Kalai Selvi, Ok Ran Lee, Sungyoung Lee, Deok-Chun Yang: *Classification and characterization of putative cytochrome P450 genes from Panax ginseng C. A. Meyer*. Biochemistry (Moscow) 12/2011; 76(12). DOI:10.1134/S000629791112008X, **Impact Factor: 1.42**

Natarajan Sathishkumar, **Subramaniyam Sathiyamoorthy**, Mathiyalagan Ramya, Dong-Uk Yang, Hee Nyeong Lee, Deok-Chun Yang: *Molecular docking studies of anti-apoptotic BCL-2, BCL-XL, and MCL-1 proteins with ginsenosides from Panax ginseng*. Journal of Enzyme Inhibition and Medicinal Chemistry 09/2011; 27(5). DOI:10.3109/14756366.2011.608663, **Impact Factor: 2.33**

Ok Ran Lee, Yu-Jin Kim, Sri Renuka Devi Balusamy, Min-Kyeoung Kim, **Subramaniyam Sathiyamoorthy**, Deok-Chun Yang: *Ginseng γ -thionin is localized to cell wall-bound extracellular spaces and responsive to biotic and abiotic stresses*. Physiological and Molecular Plant Pathology 08/2011; 76(2). DOI:10.1016/j.pmpp.2011.05.004, **Impact Factor: 1.37**

Sathiyamoorthy Subramaniyam, Ramya Mathiyalagan, In Jun Gyo, Lee Bum-Soo, Lee Sungyoung, Yang Deok Chun: *Transcriptome profiling and insilico analysis of Gynostemma pentaphyllum using a next generation sequencer*. Plant Cell Reports 07/2011; 30(11). DOI:10.1007/s00299-011-1114-y, **Impact Factor: 3.07**

Hongtao Wang, Woo-Saeng Kwon, Dong-Uk Yang, Min-Kyeoung Kim, **Subramaniyam Sathiyamoorthy**, Haizhu Jin, Deok-Chun Yang: *Development of a multiplex amplification refractory mutation system for simultaneous authentication of Korean ginseng cultivars "Gumpoong" and "Chungsun"*. Mitochondrial DNA 06/2011; 22(1-2). DOI:10.3109/19401736.2011.588216, **Impact Factor: 1.76**

Gayathri Sathiyaraj, Sathiyaraj Srinivasan, Ho-Bin Kim, **Sathiyamoorthy Subramaniyam**, Ok Ran Lee, Yeon-Ju Kim, Deok Chun Yang: *Screening and optimization of pectin lyase and polygalacturonase activity from ginseng pathogen *Cylindrocarpon Destructans**. Brazilian Journal of Microbiology 06/2011; 42(2). DOI:10.1590/S1517-83822011000200048, **Impact Factor: 0.87**

Subramaniyam Sathiyamoorthy, Jun-gyo In, Byum-Soo Lee, Woo Saeng Kwon, Dong-Uk Yang, Ju-Han Kim, Deok-Chun Yang: *Insilico Analysis for Expressed Sequence Tags from Embryogenic Callus and Flower Buds of Panax ginseng C. A. Meyer*. Journal of ginseng research 01/2011; 35(1). DOI:10.5142/jgr.2011.35.1.021, **Impact Factor: 3.90**

Subramaniyam Sathiyamoorthy, Jun-Gyo In, Ok Ran Lee, Bum-Soo Lee, Sri Renuka Devi, Deok-Chun Yang: *In silico gene expression analysis in *Codonopsis lanceolata* root*. Molecular Biology Reports 11/2010; 38(5). DOI:10.1007/s11033-010-0464-9, **Impact Factor: 2.02**

Subramaniyam Sathiyamoorthy, J.G. In, S Gayathri, Y Ju Kim, D Ch Yang: *Gene ontology study of methyl jasmonate-treated and non-treated hairy roots of Panax ginseng to identify genes involved in secondary metabolic pathway*. Genetika 07/2010; 46(7). DOI:10.1134/S1022795410070070, **Impact Factor: 0.48**

Gayathri Sathiyaraj, Sathiyaraj Srinivasan, **Sathiyamoorthy Subramaniyam**, Yu-Jin Kim, Yeon-Ju Kim, Woo-Saeng Kwon, Deok-Chun Yang: *Polygalacturonase inhibiting protein: Isolation, developmental*
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regulation and pathogen related expression in Panax ginseng C.A. Meyer. Molecular Biology Reports 11/2009; 37(7). DOI:10.1007/s11033-009-9936-1, **Impact Factor: 2.02**

Subramaniyam Sathiyamoorthy, Jun-Gyo In, Sathiyaraj Gayathri, Yeon-Ju Kim, Deok-Chun Yang: *Generation and gene ontology based analysis of expressed sequence tags (EST) from a Panax ginseng C. A. Meyer roots.* Molecular Biology Reports 11/2009; 37(7). DOI:10.1007/s11033-009-9938-z, **Impact Factor: 2.02**

Shohana Parvin, Yeon-Ju Kim, Rama Krishna Pulla, **Subramaiyam Sathiyamoorthy**, Md Giashuddin Miah, Yu-Jin Kim, Neha G Wasnik, Deok-Chun Yang: *Identification and characterization of spermidine synthase gene from Panax ginseng.* Molecular Biology Reports 09/2009; 37(2). DOI:10.1007/s11033-009-9725-x, **Impact Factor: 2.02**

Sanjeev Kumar, S Praveen, R Karthi, R Sabarinathan, M Kalaivani, **Subramaniyam Sathiyamoorthy**, K Sekar: *BSDD-2.0: Biomolecules Segment Display Device - An updated web accessible computing resource.* Current science 07/2009; 97(1), **Impact Factor: 0.92**

Neha G Wasnik, Yu-Jin Kim, Se-Hwa Kim, **Sathiyamoorthy Subramaniyam**, Rama Krishna Pulla, Shohana Parvin, Kalaiselvi Senthil, Deok Chun Yang: *Isolation and Characterization of Calmodulin Gene from Panax ginseng C. A. Meyer.* Journal of ginseng research 01/2009; 33(1), **Impact Factor: 3.90**

Personal Index

Marital Status : Married

Known Language : Tamil, English, Korean (Basic)

Native : Salem, Tamil Nadu

Social Networks

Researchgate : https://www.researchgate.net/profile/Sathiyamoorthy_Subramaniyam

Linkedin : <https://www.linkedin.com/in/sathiyamoorthy-subramaniyam-3b222026>

Google Scholar : <https://scholar.google.co.in/citations?user=WzqAM74AAAAJ&hl=en>

Countries Visited

South Korea, 2008-2017 : Doctoral Studies .

Qingdao, China, 2011 : Poster Presentations, 2nd International Conference on Plant Metabolism.

Gaeta, Italy, 2012 : Group Poster Presentation & Participant, CASP10.

Cambridge, London, 2015 : Breast Cancer Genome Collaborator Meeting, Wellcome Sanger Institute.

Singapore, 2016 : Poster Presentations, PAG Asia Conference.

References

1. Prof. Deok Chun Yang, (Ph.d Adviser)

Graduate school of Biotechnology, Kyung Hee University, Yongin, South Korea. dcyang@khu.ac.kr.

2. Prof. P. Balasubramanian,

Department of Plant Biotechnology, Centre for Plant Molecular Biology and Biotechnology, Tamil Nadu Agricultural University, Coimbatore 641 003 India. balasubrap@hotmail.com

Declaration

I assure that all the information given above is true to the best of my knowledge.

Yours truly,



Place : SouthKorea

Date : 2022.05.13

Sathiyamoorthy)

(Dr. S.