

Dr. S. SURESH
Assistant Professor



Department of Botany
Directorate of Distance Education

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Educational Qualifications : M.Sc., M.Phil., Ph.D.,

Professional Experience : 12 years

TEACHING SUBJECT SPECIALIZATION/COURSE HANDLING IN BOTANY

- B.Sc. Botany
- M.Sc. Botany

RESEARCH SPECIALIZATION

- Plant Biodiversity
- Molecular Diversity in Plants
- Plant Tissue Culture
- Evaluation of antimicrobial activity of Medicinal Plants

Research Supervision:

Program	Ongoing	Completed
Ph.D.,	2	1
M.Phil.,		1

PROFESSIONAL EXPERIENCE

Institution	Position	Duration
Directorate of Distance Education, Madurai Kamaraj University, Madurai	Assistant professor (December 2013)	Till date
National Agrobiodiversity Center, NAAS, RDA, Republic of Korea	Postdoctoral Fellow (May 2011 to December 2013)	3 years
School of Biological Sciences, Madurai Kamaraj University, Madurai	Genomics Meritorious Fellow (UGC-INDIA)	2007-2010
School of Biological Sciences, Madurai Kamaraj University, Madurai	Genomics Project Fellow (UGC-INDIA)	2005-2007

Publications: International Journals

Authors	Title of the Article	Journal Name	Impact Factor
Madasamy Sundar, Sundan Suresh , Krishnasamy Lingakumar	Influence of <i>Caralluma adscendens</i> Var. <i>attenuata</i> cold cream on UV-B damaged skin epidermal cells: a novel approach	3 Biotech (2021) 11:155	2.893
Sundan SURESH , Tae-Sung KIM , Sebastin RAVEENDAR, Joon-Hyeong CHO , Jung Yoon YI , Myung Chul LEE , Sok-Young LEE , Hyung-Jin BAEK , Gyu-Taek CHO , <u>Jong-Wook CHUNG</u>	Transcriptome characterization and large-scale identification of SSR/SNP markers in symbiotic nitrogen fixation crop faba bean (<i>Vicia faba</i> L.)	Turkish Journal of Agriculture and Forestry. (2015) 39: 459-469	1.660
Tae-Sung Kim, Sebastin Raveendar, Sundan Suresh , Gi-An Lee, Jung-Ro Lee, Joon-Hyeong Cho, Sok-Young Lee, Kyung-Ho Ma, <u>Gyu-Taek Cho</u> , and Jong-Wook Chung	Transcriptome Analysis of Two <i>Vicia sativa</i> Subspecies: Mining Molecular Markers to Enhance Genomic Resources for Vetch Improvement	Genes 2015, 6, 1164-1182; doi:10.3390/genes6041164	3.759
Jong-Hyun Park , Sundan Suresh , Gyu-Taek Cho , Nag-Gor Choi , Hyung-Jin Baek , Chul-Won Lee and <u>Jong-Wook Chung</u>	Assessment of molecular genetic diversity and population structure of sesame (<i>Sesamum indicum</i> L.) core collection accessions using simple sequence repeat markers	Plant Genetic Resources: Characterization and Utilization (2014) 12(1); 112–119	0.869
S. Suresh , J. -W. Chung, G. -T. Cho, J. -S. Sung, J. -H. Park, J. -G. Gwag & <u>H. -J. Baek</u>	Analysis of molecular genetic diversity and population structure in <i>Amaranthus</i> germplasm using SSR markers	Plant Biosystems , 2014 Vol. 148, No. 4, 635–644	1.787

Sundan Suresh , Jong-Wook Chung, Jung-Sook Sung, Gyu-Taek Cho, Jong-Hyun Park, Mun Sup Yoon, Chung-Kon Kim, <u>Hyung-Jin Baek</u>	Analysis of genetic diversity and population structure of 135 dill (<i>Anethum graveolens</i> L.) accessions using RAPD markers	Genet Resour Crop Evol (2013) 60:893–903	1.071
Jong-Wook Chung, Tae Sung Kim, Suresh Sundan , Gi-An Lee, Jong-Hyun Park, Gyu-Taek Cho, Ho-Sun Lee, Jung-Yoon Lee, Myung-Chul Lee, <u>Hyung-Jin Baek</u> , <u>Sok-Young Lee</u>	New cDNA-SSR markers in the narrow-leaved vetch (<i>Vicia sativa</i> subsp. <i>nigra</i>) using 454 pyrosequencing	Molecular Breeding: volume 33, pages749–754(2014)	2.149
Sundan Suresh , Jong-Hyun Park, Gyu-Taek Cho, Ho-Sun Lee, <u>Hyung-Jin Baek</u> , <u>Sok-Young Lee</u> and <u>Jong-Wook Chung</u>	Development and Molecular Characterization of 55 Novel Polymorphic cDNA-SSR Markers in Faba Bean (<i>Vicia faba</i> L.) Using 454 Pyrosequencing	Molecules 2013, 18, 1844-1856	3.267
Jong-Wook Chung, Tae-Sung Kim, Sundan Suresh , <u>Sok-Young Lee</u> and <u>Gyu-Taek Cho</u>	Development of 65 Novel Polymorphic cDNA-SSR Markers in Common Vetch (<i>Vicia sativa</i> subsp. <i>sativa</i>) Using Next Generation Sequencing	Molecules 2013, 18, 8376-8392	3.267

Other Reputed Journals

1. Jong-Hyun Park , **Sundan Suresh** , Xiang-Min Piao , Gyu Taek Cho , Sok-Young Lee , Hyung Jin Baek , Chul-Won Lee , Jong-Wook Chung. Application of Simple Sequence Repeat (SSR) Markers for the Discrimination of Korean and Chinese Sesame (*Sesamum indicum* L.) Accessions. Plant Breed. Biotech. 2014 (March) 2(1):80-87
2. **Suresh Sundan**, Tae Sung Kim , Sebastin Raveendar, Gyu-Taek Cho , Jung-Sook Sung , Yong-Gu Cho , Sokyong Lee , Kyung Ho Ma , Jong-Wook Chung. Transcriptome Characterization and Single Nucleotide Polymorphism (SNP) Identification in *Vicia amurensis* Oett. Using Next-Generation Sequencing Technology. Plant Breed. Biotech. 2014 (September) 2(3):213~223
3. Man Jung Kang, **Suresh Sundan**, Gi An Lee, Ho Cheol Ko, Jong Wook Chung, Yun Chan Huh1 , Jae Gyun Gwag, Se Jong Oh, Yeon Gyu Kim and Gyu Taek Cho. Genetic Diversity and Population Structure of Korean Mint *Agastache rugosa* (Fisch & Meyer) Kuntze (Lamiaceae) Using ISSR Markers. Korean J. Plant Res. 26(3):362-369(2013)

PUBLICATION OTHER THAN JOURNAL (Books published by National/International publishers, with ISBN/ISSN)

1. V. Shanmugaiah & **S. Suresh, Bionanoscience**: Biosynthesis of silver Nanoparticles from Fluorescent Pseudomonads against phyto Fungal: Write & Print, New Delhi, September 2015: ISBN: 9789384649364

CONTACT

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