



5th NABS-Interactive Workshop

Theme

Prospects of Medicinal Plants in Promoting Wellness

Series No. 5

General Particulars

Date : 14 & 15 May, 2012
Venue : University of Madras, Maraimalai
Campus, Guindy, Chennai

This interactive workshop is the first one after the demise of Founder President, Prof. S. Kannaiyan. Dr. R. S. Paroda unveiled the portrait of the Founder President and all the members observed two minutes silence to pay homage to the Founder President.

Dr. N. Mathivanan, Professor, CAS in Botany, University of Madras, Maraimalai Campus, Guindy, Chennai took the initiatives to organize the fifth Interactive Workshop on "Prospects of Medicinal Plants in Promoting Wellness" in collaboration with World Noni Research Foundation, Chennai for two days from 14 to 15 May 2012 at University of Madras, Maraimalai Campus, Guindy, Chennai.

Inaugural function

Presided over by	: Dr. V.A. Parthasarathy President, NABS
Release of Abstract book of the conference & NABS News Letter (Vol.3); Conferment of Prof. S. Kannaiyan Memorial Award (2012) on Padma Bhushan Dr. R. S. Paroda & Chief Guest's inaugural address	: Dr. Kirti Singh Chairperson, WNRF and President, ISNS
Key Note address (on Wellness)	: Prof. P. I. Peter Chairman, Noni Biotech, Chennai & Founder of World Wellness Organization
Guest of Honor	: Dr. H.P. Singh Deputy Director General (Horticulture), ICAR, New Delhi
Prof. S. Kannaiyan Memorial Oration	: Padma Bhushan Dr. R.S. Paroda

Topic : Meeting the current challenges
for Food, Nutrition and
Environment Security

Valedictory function

Dr. N. Mathivanan, Professor, CAS in Botany presented the proceedings of the Interactive Workshop. The speakers of the workshop were honored by President, NABS and the workshop was concluded after vote of thanks by Dr. T.L. Baskaran, Treasurer, NABS.

Technical Sessions

Three technical sessions on (i) Bioprospecting (ii) Integrated Health Management and (iii) Crop Production and Management were held.

Technical Session I & II : Bioprospecting & Integrated Health Management

Chairman : Dr. Kirti Singh

Co-Chairman : Dr. Niranjali Devaraj

Conveners : Dr. D. Sudarsanam
Dr. N. Mathivanan

No.	Papers presented	Speakers
Bioprospecting		
1	Noni (<i>Morinda citrifolia</i> L.): Bioprospecting for Wellness	K. V. Peter and S. Malarvannan Director, World Noni Research Foundation; Rajiv Gandhi Salai, Perungudi, Chennai 600 096 E-mail: kvptr@yahoo.com
2	Medicinal plant cell culture for pharma industry	J. Subramani and P. I. Peter World Noni Research Foundation 12, Rajiv Gandhi Road, Perungudi, Chennai- 600 096 E-mail: subramani_jogi@hotmail.com
3	Role of <i>in vitro</i> cell culture technology in herbal drug discovery	R. Sandeep Varma, S. Vidyashankar, K. S. Nandakumar and P. S. Patki Cell biology and Immunology, Medical Services and Clinical Trials

R&D Centre, The Himalaya Drug Company, Makali, Bangalore-562 123
Email: sandepravivarma@gmail.com, sandepravivarma@yahoo.com

Integrated Health Management

4	<i>Morinda citrifolia</i> : Impending phytocomponents for impeding barriers of brain tumor ?	A. J. Vanisree Assistant Professor, University of Madras, Guindy campus, Chennai- 600 025 E-mail: vanielango@gmail.com
5	<i>Desmodium gangiticum</i> (DG) root aqueous extract attenuates isoproterenol-induced cardiac hypertrophic and fibrosis in experimental rats	H. Divya and V. Elangovan Department of Biochemistry University of Madras, Maraimalai campus, Guindy, Chennai-600 025 E-mail: vellaie@gmail.com
6	Curing 'Asthma' with medicinal plants	P. Selvaraj Former Dean and Professor of Horticulture (TNAU) 26, 3 rd New street, Mayiladuthurai 609 001, Tamil Nadu E-mail: drp.selvarajmayl@yahoo.in
7	Bioactive molecules from some medicinal plants with nutraceutical potentials	N. Raaman Herbal Sciences Laboratory Centre for Advanced Studies in Botany University of Madras, Maraimalai Campus, Guindy, Chennai – 600 025 E-mail: raaman55@gmail.com
8	Ethnomedicinal plants used in the treatment of domestic animals in Eastern Ghats of Tamil Nadu	T. Sekar Department of Botany, Pachaiyappa's College, Chennai 600 030, Tamil Nadu E-mail: tsekar_bot@yahoo.com / tsekar_2005@yahoo.com
9	Antioxidant and anticancer activity of <i>Diospyros melanoxylon</i> Roxb.	V. Priyadarshini, S. Aroumougame, V. Roopa and N. Mathivanan Biocontrol and Microbial Metabolite Lab, Center for Advanced Studies in Botany, University of Madras, Maraimalai Campus, Guindy Chennai-600 025, India E-mail: prabhamathi@yahoo.com

10 Phytochemicals against neurodegeneration, a multifactorial disease: A review on their efficacy reported in the past two decades

Venkateswarlu Raavi and A. J. Vanisree

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Technical Session-III: Crop Production and Management

Chairmen : Dr. K. V. Peter
Dr. D. J. Bagyaraj

Co-Chairman : Dr. N. Raaman

Conveners : Dr. K. Samiayyan
Dr. B. Meena

Crop Production and Management

11 Microbial inoculants for the sustainable cultivation of medicinal plants

D.J. Bagyaraj

Centre for Natural Biological Resources and Community Development,
41 RBI Colony, Anand Nagar,
Bangalore – 560 024
E-mail: djbagyaraj@gmail.com

Crop Production and Management

12 Trends in research on pest management in cultivated medicinal plants, with special reference to Noni (*Morinda citrifolia* L.)

S.Sithanantham and S. Malarvannan

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3/340. Main Road
Madanandapuram, Porur
Chennai-600 125
E-mail: sithanantham@gmail.com

13 Pest and disease management in medicinal crops : An overview

B. Meena and T. Marimuthu

Department of Medicinal and Aromatic crops, Tamil Nadu Agricultural University
Coimbatore – 641 003
E-mail: meepath@rediffmail.com

14 Study on diversity, distribution and documentation of antiophidic plants used by the tribes and traditional healers in South India

S. Aroumougame and N. Mathivanan

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