

Indian Institute of Spices Research
Kozhikode, Kerala.
Proceedings of the Study Circle, 27 August 2012

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The Study Circle meeting was held on 27 August 2012 at 2:30 pm in the Silver Jubilee Hall under the chairmanship of Dr. M. Anandaraj, Director, IISR.

After the introduction of new member Dr. K.S Krishnamurthy presented the gist of suggestions received in response to Director's mail inviting input for Vision 2050 of ICAR/IISR. Director insisted that more suggestions highlighting the postharvest technology and marketing aspects may be sent before August 30.

Contribution No.664: Next-generation sequencing for understanding plant-pathogen interaction in *Zingiberaceae* by D Prasath and M Anandaraj was approved. It was suggested to update the data in the Table 5.

Contribution No.665: Chemoprofiling of few Indian *Curcuma* species based on volatile oil components by S Syamkumar and B Sasikumar was approved.

Contribution No.666: Ginger (*Zingiber officinale* R.) occurs in the wild habitat? by B.Sasikumar, KV Saji and D Prasath was approved with a suggestion to use latest photographs of ginger.

Contribution No.667: Genetic diversity analysis of popular varieties and cultivars of turmeric(*Curcuma longa* L) by Syamkumar and B Sasikumar was accepted.

Contribution No.668: Molecular characterization of *Curcuma* species using 18SrRNA sequence by S Syamkumar and B Sasikumar was accepted.

Contribution No.669: Prathibha'- A stable yielding open pollinated progeny variety of turmeric by B.Sasikumar, D Prasath and KV Saji was accepted.

Contribution No.670: Turmeric in Indian religion and tradition B.Sasikumar was approved.

Contribution No. 671: Variation in the essential oil profile of fresh and dried rhizomes of ginger and turmeric N K Leela, S Hamza, T M Vipin and B Sasikumar was approved.

Contribution No. 672: Bar-coding- A tool to discriminate economically important Indian *Curcuma* species by Parvathy Viswanath A., Swetha V.P., Sheeja T.E. and Sasikumar B was approved. She was advised to arrange the list of species in alphabetical order.

Contribution No. 673: Evaluating the antimicrobial properties of *Curcuma amada* against phytopathogens R Karthika, D Prasath, R Suseela Bhai, NK Leela and M Anandaraj was accepted. She was advised to rectify the spelling mistakes.

Contribution No. 674: Isolation and characterization of NBS-LRR- resistance genes in *Zingiber officinale* and *Curcuma amada* R Karthika, R Suraby, D Prasath and M Anandaraj was accepted.

Contribution No. 675:Cloning pal gene fragments from turmeric (*Curcuma longa* L.) using degenerate primers Shamina Azeez, Rahul, P.R. and Sheeja, T.E. was accepted.

The meeting came to an end at 5 pm.

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Dr.C.K.SushamaDevi
Secretary, Study circle