

**Indian Institute of Spices Research**

**Calicut, Kerala**

**Proceedings of the Study Circle, 2 September, 2011**

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**F.No.IISR/SCM-C/ 2010**

**Dt.5 September, 2011**

The Study Circle meeting was held at 2.00 pm in the Silver Jubilee Hall under the chairmanship of Dr. M Anandaraj, Director, IISR. One Ph.D. synopsis and eight research papers to be presented in the forth coming two seminars were presented in the study circle.

1. **Contribution No.599:** Ph.D. synopsis entitled “Chemoprofiling and antioxidant potential of selected cultivars of black pepper” by Sruthi D was approved with an instruction to concentrate her research on piper species and modify the thesis title accordingly.
2. **Contribution No.600** “*In silico* and *in vitro* studies to explore potential nematocidal phenylpropanoids from *Piper nigrum* L. against Radopholus similis” by Rosana OB, Dinsha M, Shamina A and Eapen S J was accepted. In this connection director remarked that *in silico* experiments can be used to validate the results of ongoing experiments.
3. **Contribution No 601:** “*In silico* identification of functional domain markers in *Curcuma longa* L. using simple sequence repeats” by Chandrasekar A, Nirmal Babu K and Eapen S.J. was accepted with a suggestion that he may validate the results with the application in experimental plots.
4. **Contribution No 602:** “Potential of Actinomycetes for the biocontrol of *Phytophthora* foot rot in black pepper (*Piper nigrum* L.)” by Suseela Bhai R, Prameela TP, Vijaya Mahantesh and Anandaraj M was accepted.

5. **Contribution No 603:** "Diversity of phytophthora isolates from black pepper (*piper nigrum* L) based on morphological characterization" by Vinitha K B, M Anandaraj and R Suseela Bhai was accepted .
6. **Contribution No 604:** Comparative antagonistic potential of trichoderma isolates against major fungal pathogens of spice crops Sreeja K, Anandaraj M and Suseela Bhai R was accepted.
7. **Contribution No 605:** "Computational analysis of signal peptide dependent effector proteins in the plant pathogen *Phytophthora capsici* " by Reena N, Eapen S J, Anandaraj M was approved.
8. **Contribution No 606:** "Amplification, cloning and in silico prediction of full length elicitor gene from *Phytophthora capsici*, causal agent of root rot disease of black pepper" by Vijesh Kumar I P, Reena N, Anandaraj M, Eapen S J, Johnson G K was accepted.
9. **Contribution No 607:** "Genetic diversity analysis of Phytophthora isolates from black pepper in India using SSR markers" by Cissin Jose, Vinitha K B, Suraby E J, Suseela Bhai R, Nirmal Babu K and Anandaraj M was accepted .

The meeting came to an end at 4 pm.

Dr. C.K.Sushama Devi  
Secretary, Study Circle.