Contents

Research Articles

Morphological and molecular characterization of *Gastrothylax crumenifer* (Platyhelminthes : Gastrothylacidae) infecting rumen of *Capra hircus* in Chandigarh (India)

*Harpreet Kaur, Komal and Aditya Gupta* 66

Confiscation of Ni (II) from aqueous environs using treated bivalve shells

*N. Shyamala Devi, N. Muthulakshmi Andal, K. Vivithabharathi and S. Charulatha* 76

Comparative study of physico-chemical parameters of different vermicomposted substrates produced by two different earthworm species

*K. Chitrapriya, K.S. Abbiramy, K. Viswanathan and S. Asokan* 82

Food allergies in children (2-5 years) of Srinagar city, Jammu and Kashmir

*Nayera Masoodi and Shafia Jan* 88

Molecular characterization of antibiotic producing endophytic *Bacillus subtilis* in cotton plants

*P. Ahila devi, M. Magesh, K. Rajappan and V. Ravi* 92

GC-MS analysis of leaf and callus extracts of *Eupatorium glandulosum*

*V. Nithya and M. Kamalam* 99

Evaluation of lipase from *Streptomyces variabilis* NGP 3 for detergent additive capability

*B. Vishnupriya and K. Selvam* 104

Studies on pectinase production using microorganisms isolated from different fields

*Radha Rani, Aditya Gupta and Sukhminderjit Kaur* 110
Sorption characteristics of modified fruit shell onto Zn(II) ions in aqueous media

S. Charulatha and N. Muthulakshmi Andal

Biosynthetic potential of endophytic *Pseudomonas fluorescens* against cotton wilt pathogen

P. Ahila devi, M. Magesh, K. Rajappan and V. Ravi

Author Index

i

Guidelines for Authors

ii-iii

Acknowledgment