

Ministry of Primary Industries



University of Ruhuna



## **International Symposium on Agriculture & Environment**

Sustainable Intensification of Agriculture towards Food Security



## Content

Session 01: Ministry of Primary Industries-University and NSF Collaborated Program for Innovation-Led Research for Cinnamon
Ceylon Cinnamon Value Chain Development: Making Global Market Space for Value Chain Actors  DAM De Silva, M Esham and Asha S. Karunarathne
Biochemical Assessment of Cinnamomum Zeylanicum Extracts and Development of a Readily Soluble Nutraceutical Product for the Treatment of Type-2 Diabetes WANM Wariyapperuma, BM Jayawardena, SDP Kannangara, YS Wijayasinghe and S S Subramanium
Study of Variation in Chemical Compositions of Sri Lankan True Cinnamon on Geographical and Ecological Variance and Identification of Bioactive Components  JW Hewage, W S Hemalika, S R Hettiarachchi, G G Jayasinghe and K G G Wijesinghe7
Molecular and Biochemical Characterizations of Sri Lankan Cinnamon and their Wild Relatives and Expression Analysis of Major Biochemical Genes under Different Environmental Conditions and Plant Parts to Enhance Utilization Value of Cinnamon in Sri Lanka  Dr. (Mrs.) Pradeepa Bandaranayaka8
Potential Protective Roles of Ceylon Cinnamon in Health, Leading to Product  Development  RD Gunaratna, PA Paranagama and KRD de Silva10
Session 02: Sustainable Intensification of Spice Sector for the Development of National Economy
Contribution of Spices Sector for National Economic Development Dr. (Mrs.) Hemantha Ekanayake15
Needed: A Globally Competitive and Climate Resilient Spice Industry in <b>S</b> r Lanka
Snr. Professor Ranjith Senarathne
Dr. DBT Wijeratne23

Soil Organisms in Rhizospheres of Black Pepper Cultivations in Matale TE Weerawardena and WMSR Bandara24	ŀ
Evaluation of Anti-Obesity Activity of Cinnamon Bark Oleoresins and Essential	
Oil of Cinnamon Bark of Cinnamomum zeylanicum.	
IA H Frangika, S Javaweera, RD Gunaratna, PA Paranagama and KRD de Silva2	5