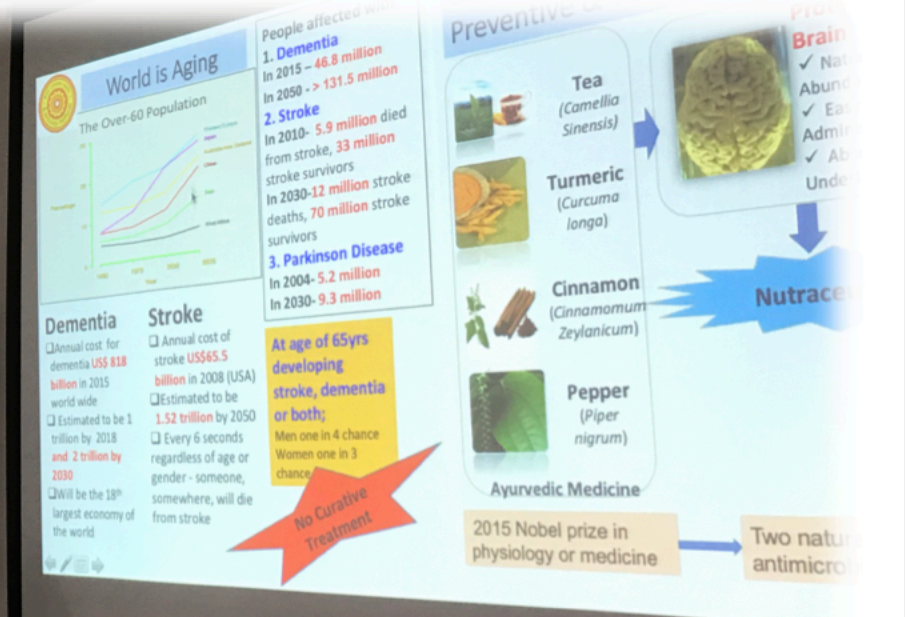


Private Public People Partnerships (P4) for Research and Innovation Start-ups: Avenues with Sri Lankan Unique Resources.

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DAILAB Guest Seminar

Date: October 1, 2018 (Monday)
Venue: Central 5-41; 2F (Conference Room # 1)

Time: 15:00 ~ 16:00 h

Speaker: Prof. Ranil de Silva

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Title: Private Public People Partnerships (P4) for Research and Innovation Start-ups: Avenues with Sri Lankan Unique Resources.

Taking initiative to form Public Private People Partnership (P4) for research and innovation start-ups strengthen by the initiation of a business incubator in the university. Biobanks of Aging Brain Tissue, and disease-oriented blood /DNA established by the Principal Investigator (PI) in Sri Lanka is a resource for collaborative studies. PI has established the first ever: (1) Aging Brain Bank screened for neurodegenerative and stroke pathologies using histopathological, immunohistochemical and molecular genetic techniques carried out in 76 Sri Lankan and 50 Indian aging brain samples - Largest study ever done across two countries in South Asia and the first ever: (2) DNA/Gene Bank and socio-demographic & clinical data of over 2000 patients controls with stroke, neurodegenerative and neuromuscular diseases; (Duchenne Muscular Dystrophy, Spinal Muscular Atrophy, Trinucleotide Repeat Disorders, Parkinson's Disease, and Stroke, controls); one of the largest collection in South Asia. Furthermore, Sri Lanka being a biodiversity hotspot with unique medicinal plants and with a history of over 3000 years on its own indigenous medicine, holds a key to wealth of resources in developing neuroprotective nutraceuticals and innovative functional foods, utilizing the unique resources available.

Author will discuss neuroprotective role of natural products: Cinnamon, Ceylon green and black tea, coffee, vegetables, life style factors: vegetarian diet in healthy brain aging, and how genotype data are linked to the risk of developing a disease and utilized for early identification of risk factors and timely intervention.

Multi-disciplinary & multi-center studies for the establishment of business incubator for enhancing global marketability of Sri Lanka unique resources (Ceylon Cinnamon, herbs) and fostering private-public-international partnerships for product innovations.

