



Srinivasa Chary Pendota

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Botany

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INDIA

I work on medicinal plants used for the treatment of infectious diseases. I completed my PhD at University of Fort Hare, South Africa.

CURRENT RESEARCH

Topic

Pharmacological evaluation of medicinal plants used for the treatment of eye infections in South Africa.

Methodology

Antimicrobial activity, anti-inflammatory, antioxidant and isolate the bio-active compounds from the medicinal plants.

Application

Drug discovery

UKZN main Publications

1. **S.C. Pendota**, M.A. Aderogba, A.R. Ndhlala and J. Van Staden, 2013. Antimicrobial and acetylcholinesterase inhibitory activities of *Buddleja salviifolia* (L). Lam. Leaf extracts and isolated compounds. **Journal of Ethanopharmacology** 148: 515-520

Past Researches

Invitro and invivo activity of antimicrobial, anti-inflammatory and acetylcholinesterase

1. **S.C. Pendota**, M.A. Aderogba, A.R. Ndhlala and J. Van Staden, 2013. Antimicrobial and acetylcholinesterase inhibitory activities of *Buddleja salviifolia* (L). Lam. Leaf extracts and isolated compounds. **Journal of Ethanopharmacology** 148: 515-520.
2. **SC Pendota**, DS Grierson and AJ Afolayan, 2009. Antimicrobial Activity of *Hippobromus pauciflorus*: A Medicinal Plant Used for the Treatment of Eye Infections in the Eastern Cape, South Africa. **Pharmaceutical Biology** 47(4): 309-313

Future Interests

1. Isolation of bio-active compounds from the medicinal plants and their molecular modeling and docking studies

Extra Interests

Cricket