Role played by academic institutions in the overall growth of the Bioprospecting Economy

Revel Iyer
9 March 2018
University function

Teaching
Research
Community outreach

Innovation

Intellectual Property Rights from Publicly Financed Research and Development Act, 2008 - IPR Act
Systematic studies and taxonomy
Gracilariaceae
Mining resources
Bacteria
Abalone probiotic
Mining resources
Genetic material
Resurrection plants

Xerophyta viscosa
Drought tolerance
Traditional knowledge
Traditional knowledge
Traditional knowledge
Related intellectual property
**SlowRedT®**

**INVENTORS** Jeanine Marnewick; Mariize Le Roes-Hill; Johan Neethling; Josias Hamman

*SlowRedT* is an innovation of Cape Peninsula University of Technology that involves a modified release delivery system of Rooibos extract (*Aspalathus linearis*) to be used as a nutraceutical or dietary supplement that will deliver specific Rooibos polyphenolic constituents immediately as well as over an extended period. The Rooibos tea with its unique phenolic constituents has been well reported for its anti-oxidant potential, which is associated with disease prevention and various health benefits. The key novelty of the technology is that it uses a controlled release matrix type mini-tablet in capsule system to deliver the recommended daily requirement of 6 to 8 cups of tea over a period of 24 hours. This requires an individual to consume one capsule twice-a-day.
Legislative framework
THANK YOU

Technology Transfer Office

Cape Peninsula University of Technology