



CWSF 2005 - Vancouver, British Columbia



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Lobitonin In Cancer Treatment: Phase 2

Division: Biotechnology

Category: Senior
Region: Edmonton
City: Edmonton, AB

School: Old Scona Academic High School, Archbishop MacDonald Catholic

Abstract: High School

Lobitonin, a novel mixture of plant compounds, was extracted from a tropical fruit to isolate and characterize its constituents using ammoniacal

extraction procedure and spectroscopic techniques. Using acid

phosphatase colorimetric assay, Lobitonin was determined to be effective against tested cancer-cell lines. Lobitonin appears to be a promising new

anti-cancer agent.

Awards	Value
UBC Science (Vancouver) Entrance Award	\$2 000
Senior Silver Medallist - \$2000 Entrance Scholarship	
Sponsor: The University of British Columbia (Vancouver)	
The University of Western Ontario Scholarship	\$1 500
Silver Medallist - \$1500 Entrance Scholarship	
Sponsor: University of Western Ontario	
Silver Medal - Biotechnology & Pharmaceutical Sciences - Senior	\$700
Sponsor: Rx&D Health Research Foundation	
Total	\$4 200



