

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