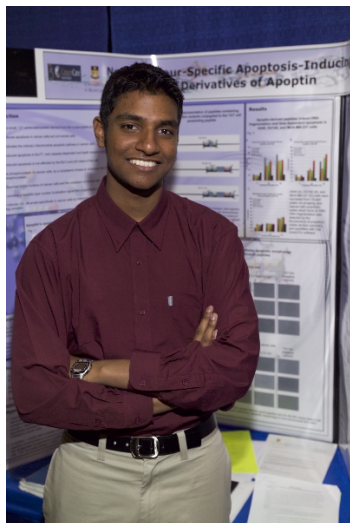


ESPC 2006 - Saguenay (Québec)



Ted Paranjothy

Novel Tumour-Specific Apoptosis-Inducing Peptide Derivatives of Apoptin

Division: Biotechnologie

Catégorie: Sénior

Région: Manitoba Schools Science Symposium

Ville: Winnipeg, MB

École: Fort Richmond Collegiate

Sommaire: The objective of this project was to design small cell-penetrating peptide molecules, based on the amino acid sequence of the viral protein apoptin, that possess the ability to induce tumour-specific apoptosis. Sequences from amino acids 76-91, 82-110, and 77-121 of apoptin were found to independently induce tumour-specific apoptosis in human leukemia, lung, prostate, and breast cancer cells, when conjugated to a poly-arginine cell penetrating peptide.

Prix	Valeur
Le Prix Manning en innovation et le prix Manning aux jeunes Canadiens et Canadiennes de 4 000 \$ Commanditaire: Ernest C. Manning Awards Foundation	4 000,00 \$
Prix d'admission en sciences de UBC (Vancouver) Médaillé d'argent, sénior - Bourse d'admission de 2 000 \$ Commanditaire: The University of British Columbia (Vancouver)	2 000,00 \$
Bourse d'études de l'Université Western Ontario Médaillé d'argent - Bourse de début d'études de 1 500 \$ Commanditaire: Université Western Ontario	1 500,00 \$
Médaille d'argent - Biotechnologie et les sciences pharmaceutiques Sénior Commanditaire: Fondation pour la recherche en santé de Rx&D	700,00 \$
Total	8 200,00 \$