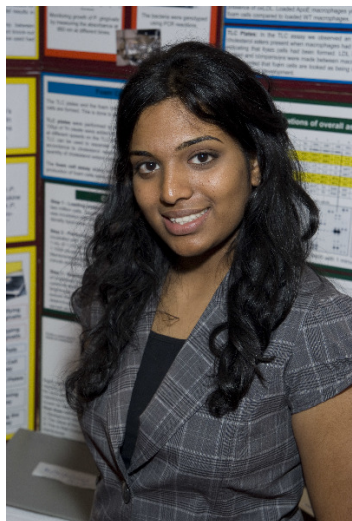


ESPC 2008 - Ottawa (Ontario)



Prashanthi Baskaran

Detecting Atherosclerosis - Cytokine Profiling of Peritoneal Macrophages Exposed

Division: Sciences de la vie / Aucun

Catégorie: Sénior

Région: Ottawa

Ville: Ottawa, ON

École: Elmwood School

Sommaire: Atherosclerosis is the build-up of plaque on the artery walls. Atherosclerosis develops at a young age however; symptoms appear at a latter time. Objective: "To profile the cytokine expressions of Apolipoprotein E knock-out mice's macrophages exposed to Porphyromonas gingivalis." The study outlined that a definite relationship exists between periodontal disease and atherosclerosis. This is an indicator for early signs of atherosclerosis in patients.

Biographie

My name is Prashanthi Baskaran. I am studying at Elmwood School. My passion for science has been a driving force for all my accomplishments. I was awarded the gold medal at the Ottawa Regional Science Fair and selected to represent at the Canadian Wide Science Fair. I won the silver medal, special award from the Biomedical Association and UWO entrance scholarship. At the regional level I won several special awards - Professional Engineers, CHIR, GDML Medical Life and Science. Participating regularly in the Sanofi Aventis Biotech Challenge I won several cash awards, including the prestigious NRC's Linda Beynon Award for Biomedical Research. Sanofi offered me summer student positions at Health Canada and the Heart Institute. On an extra-curricular level, I play on my school's varsity AA basketball and AA volleyball teams. As a team leader of Eastern Ontario Envirothon team, I represented Elmwood and won the regional competition at Lakehead University. I am leading Amnesty International and have attended many leadership conferences including CAIS, WAC. I volunteer weekly at the Sheppard's of Good Hope. I am an above 90% student with several academic awards. Overall, I strive to be a well-rounded individual and continue to involve myself in many opportunities.

Prix

Valeur

Prix de recherche sur la qualité de la vie Commanditaire: Institut de l'appareil locomoteur et de l'arthrite (IALA) des IRSC	3 750,00 \$
Bourse d'études de l'Université Western Ontario Médaille de bronze - Bourse de début d'études de 1 000 \$ Commanditaire: Université Western Ontario	1 000,00 \$
Bourse d'admission de l'Université d'Ottawa Médaille de bronze, sénior ? Bourse d'admission de 1 000 \$ Commanditaire: Université d'Ottawa	1 000,00 \$
Médaille de bronze - Sciences de la santé - Sénior Commanditaire: Instituts de recherche en santé du Canada	300,00 \$
Total	6 050,00 \$