

**School of Health Sciences
Honours Research Project**

Title:

Role of membrane lipid composition in determining the molecular activity of the mitochondrial enzyme Cytochrome C Oxidase.

Supervisors Name:

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Project Details

This project will explore the role of membrane lipid composition on determining the activity of a major enzyme in mitochondria of organisms. Specifically testing saturated, monounsaturated, polyunsaturated fatty acids using liposomes and heat-treated membrane extracts as lipid sources (refer to Paul Else for further details).

Number of Students:

1

Special requirements

Some experiments will require commitment to long periods of time.

Skills required

Good organisational skills, good lab skills.