

**Title:**

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

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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. (ref to Paul Else for further details)

**Number of Students: 1**

**Special requirements** (*eg early starts, late finishes, lab skills, body composition assessment, good interviewing/communication skills*)

**Some experiments will require commitment to long periods of time.**

**Skills required** (*eg computer skills, laboratory skills, etc*)

Good organisational skills, good lab skills.