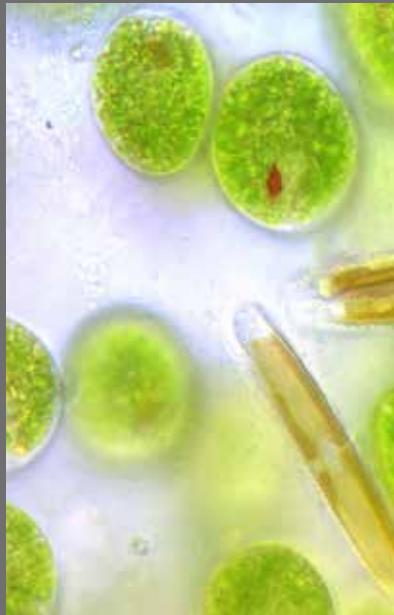


Research Contracts & IP Services, University of Cape Town presents a

# Café Scientifique

Magnificent microalgae: the potential for fuel,  
fine chemicals and fixing global warming



## Amazing Algae

Why is South Africa uniquely positioned to take advantage of algal biotechnology?

Could algae be an economic and sustainable answer to alternative energy and CO<sub>2</sub> mitigation?

Could we integrate production of a range of fine chemicals, nutraceuticals, organic pigments, algal oils, nutritional supplements, feeds and energy products into an algal biorefinery?

What are the major challenges in building an algae business?

Over a glass of wine, Professor Sue Harrison, one of South Africa's most prominent bioprocess engineers, will talk about these possibilities, as well as about the potential algal processes under consideration for launching in South Africa.



Professor Sue Harrison is a Professor in Chemical Engineering at the University of Cape Town and holds the SA Research Chair in Bioprocess Engineering. She is the director of the Centre for Bioprocess Engineering Research where biological systems, mostly microbial, are explored as the central element of processes for bioenergy, value from waste, metal extraction and the production of a variety of functional fine chemical and commodity products. One set of these are the unicellular algae and cyanobacteria.



In addition to the Café Scientifique event, you will be welcome to view the current exhibition at the gallery.

**Date:** Tuesday 10th September 2013

**Time:** 6 for 6:30 to 8pm

**Venue:** The Irma Stern Museum

**Address:** Cecil Road, corner of Chapel Road, Rosebank

**Tel:** 021 650 4317

**RSVP:** Please email [nandie.makatesi@uct.ac.za](mailto:nandie.makatesi@uct.ac.za) if you are interested in attending, indicating number of people. If space is available, an admission ticket will be sent to you.

Café Scientifique is made possible through the generous sponsorship of TIA

