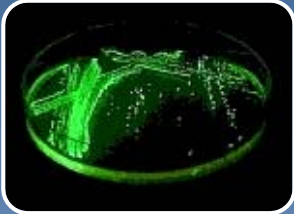




# PROMICROBE PhD COURSE & TRAINING SCHOOL

## MICROBIAL COMMUNITY MANAGEMENT IN AQUACULTURE

August 20-22, 2012  
Ghent University, Belgium



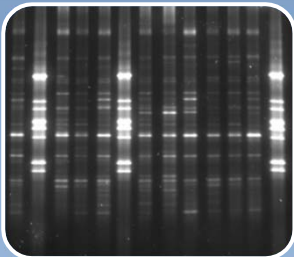
### AIM

In this course young researchers will learn about recent developments in microbial management in larviculture and how to generate and process microbial community data. Next to the research oriented approach, experts from the industry will give their point of view on the course topic and illustrate the demand coming from the aquaculture sector.



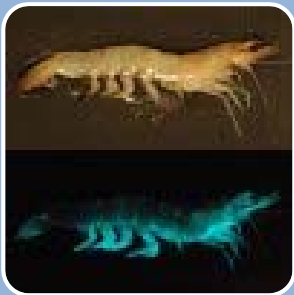
### CONCEPT

This three-day course consists of lectures and tutorials on current microbial community management research, host responses to bacterial interactions, hands-on data processing sessions using Bionumerics software and interactive sessions on poster subjects.



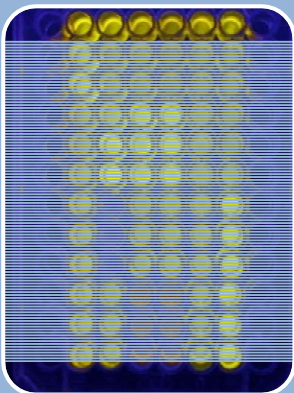
Each participant is requested to bring a poster of his/her PhD subject related to Microbial Community Management. The posters will be discussed in a dedicated session. There will be a possibility to process own experimental data during the hands-on session.

This course will lead to a 2 ECTS attendance certificate.



### TOPICS

- Role of microbial communities in aquaculture
- Immunological host responses
- Generating microbial community and host response data
- Bionumerics: data processing
- Visualization and statistical analysis of multivariate data
- Quorum sensing
- r/K selection
- Impact of feed components
- Microbiology of RAS
- Industrial application of pre- and probiotics
- Participant poster discussion session



Registration fee: 300€

Scholarships: 12 scholarships (fee waivers) will be assigned to registered participants based on the submitted poster abstract

Location: Laboratory of Aquaculture & Artemia Reference Center  
Rozier 44, 9000 Ghent, Belgium

Language: English

Registration: via [www.promicrobe.ugent.be](http://www.promicrobe.ugent.be) < Agenda < Workshop

Registration deadline: April 15, 2012

Selection feedback: April 30, 2012

Maximum number of participants: 30

Further information: contact [promicrobe@UGent.be](mailto:promicrobe@UGent.be) or dial + 32 (0)9 264 37 54

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