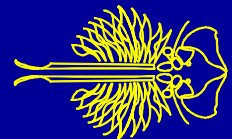
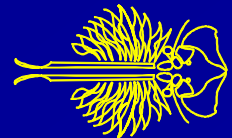
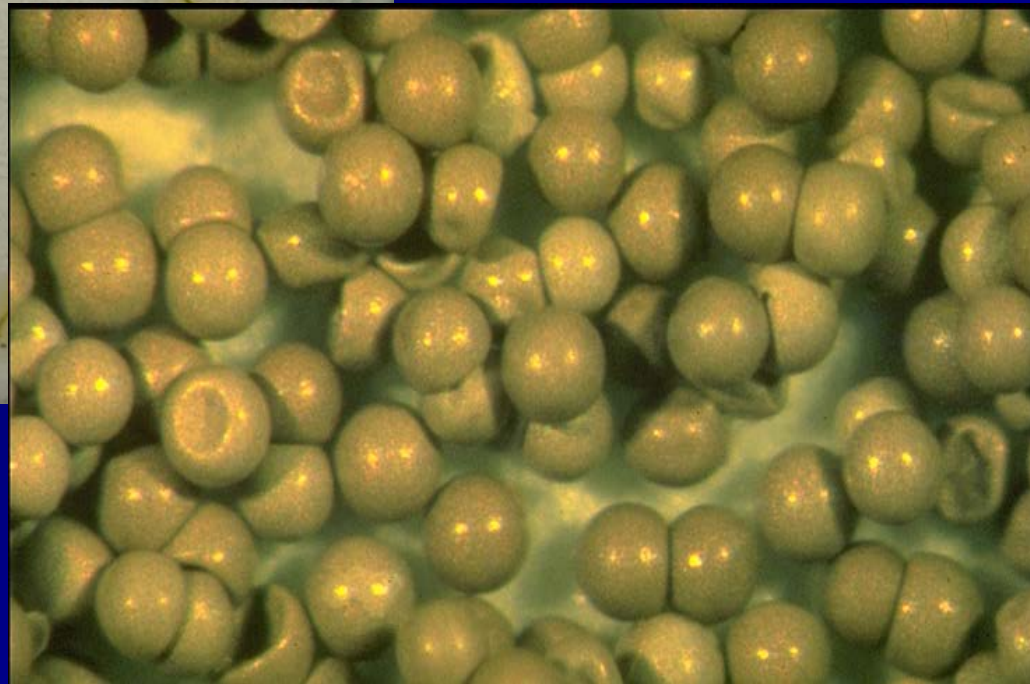


UGent Aquaculture R&D Center



Artemia research



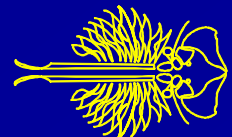
Aquaculture food chain research



10-day old seabass larva feeding on Artemia

Live food:

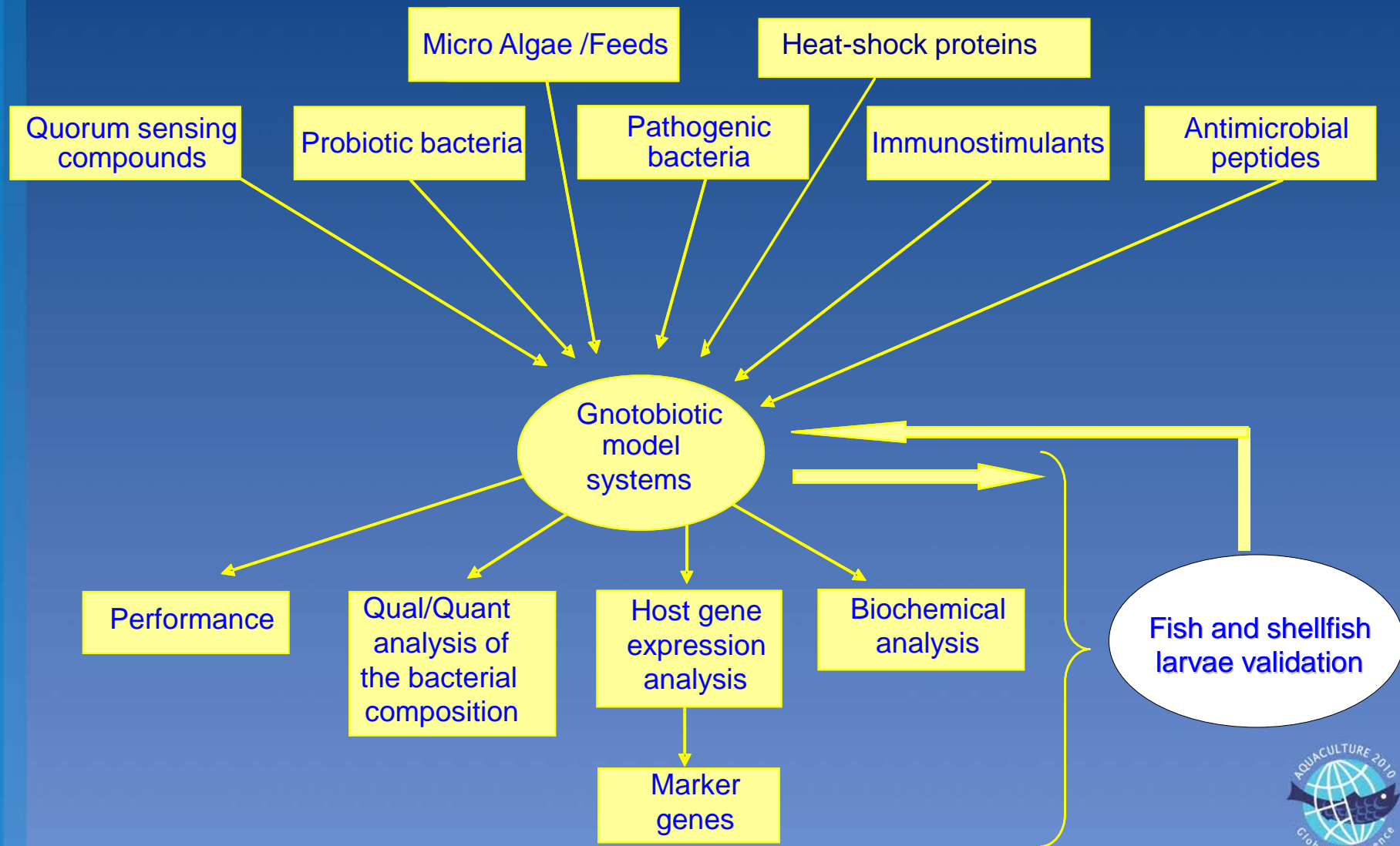
- Microalgae
- Rotifers
- Artemia



Priorities for future aquaculture

Improved / more cost-effective **SEED PRODUCTION**

Development of innovative microbial management systems



MICROBIAL MANAGEMENT IN FISH AND SHELLFISH LARVICULTURE: FROM GNOTOBIOTIC EXPERIMENTS TO APPLICATIONS

UGent Aquaculture R&D Center

Faculty of Bioscience Engineering

Animal Production - P. Sorgeloos en P. Bossier

Biochemical and Microbial Technology – W. Verstraete and N. Boon

Crop Protection – P. De Clercq

Agriculture Economics – J. Viaene, W. Verbeke and X. Gellynck

Organic Chemistry – J. Dewulf

Applied Analytical and Physical Chemistry – P. Van Der Meeren

Applied Ecology and Environmental Biology – N. De Pauw

Food Safety and Food Quality – J. Debevere, F. Devlieghere and J. Van Camp

Faculty of Veterinary Medicine

Morphology – W. Van den Broeck

Pathology, Bacteriology and Poultry Diseases – A. Decostere

Virology, Parasitology and Immunology – H. Nauwynck

Faculty of Sciences

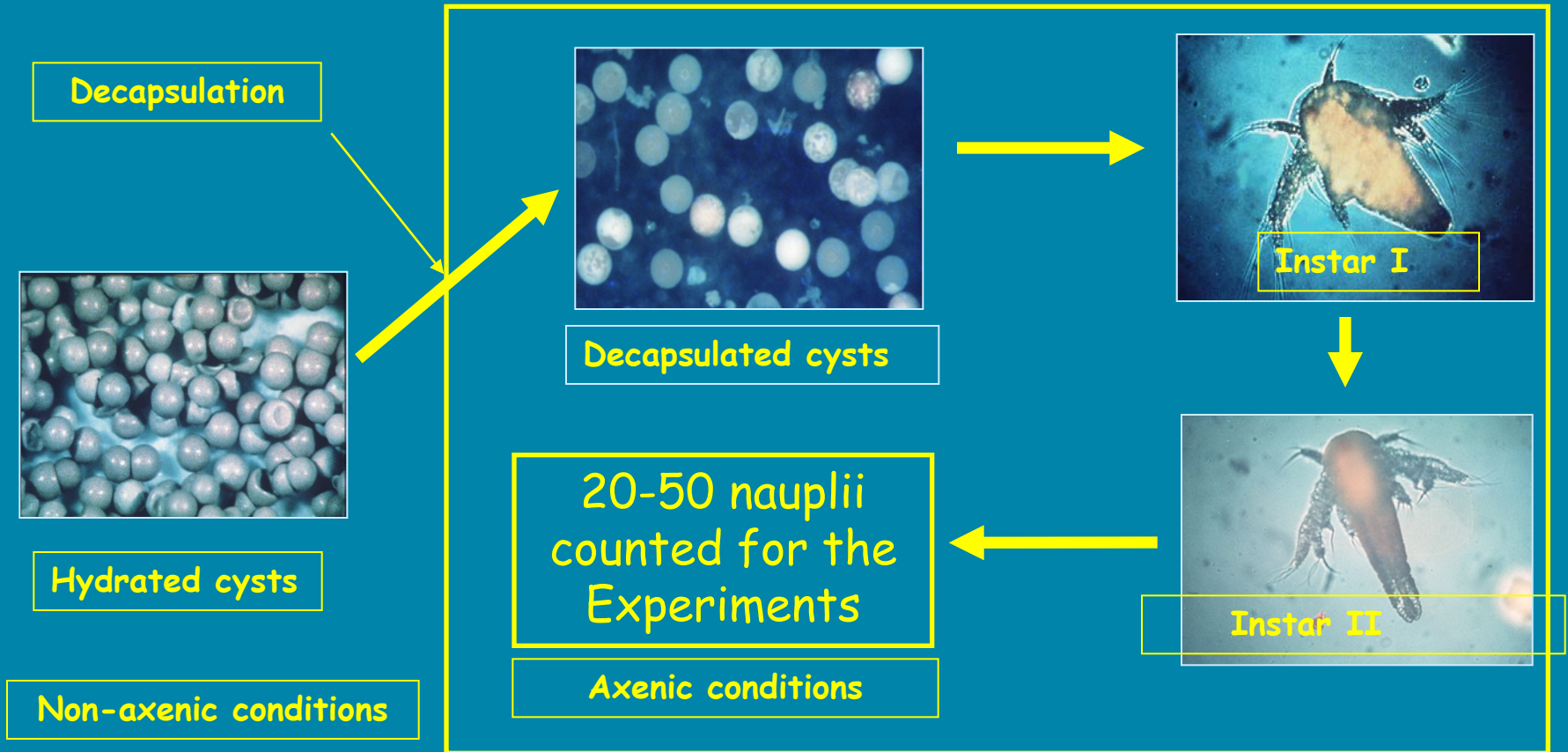
Biochemistry, Physiology and Microbiology – P. Vandamme and P. De Vos

Biology – M. Vincx, A. Huysseune, D. Adriaens and W. Vijverman

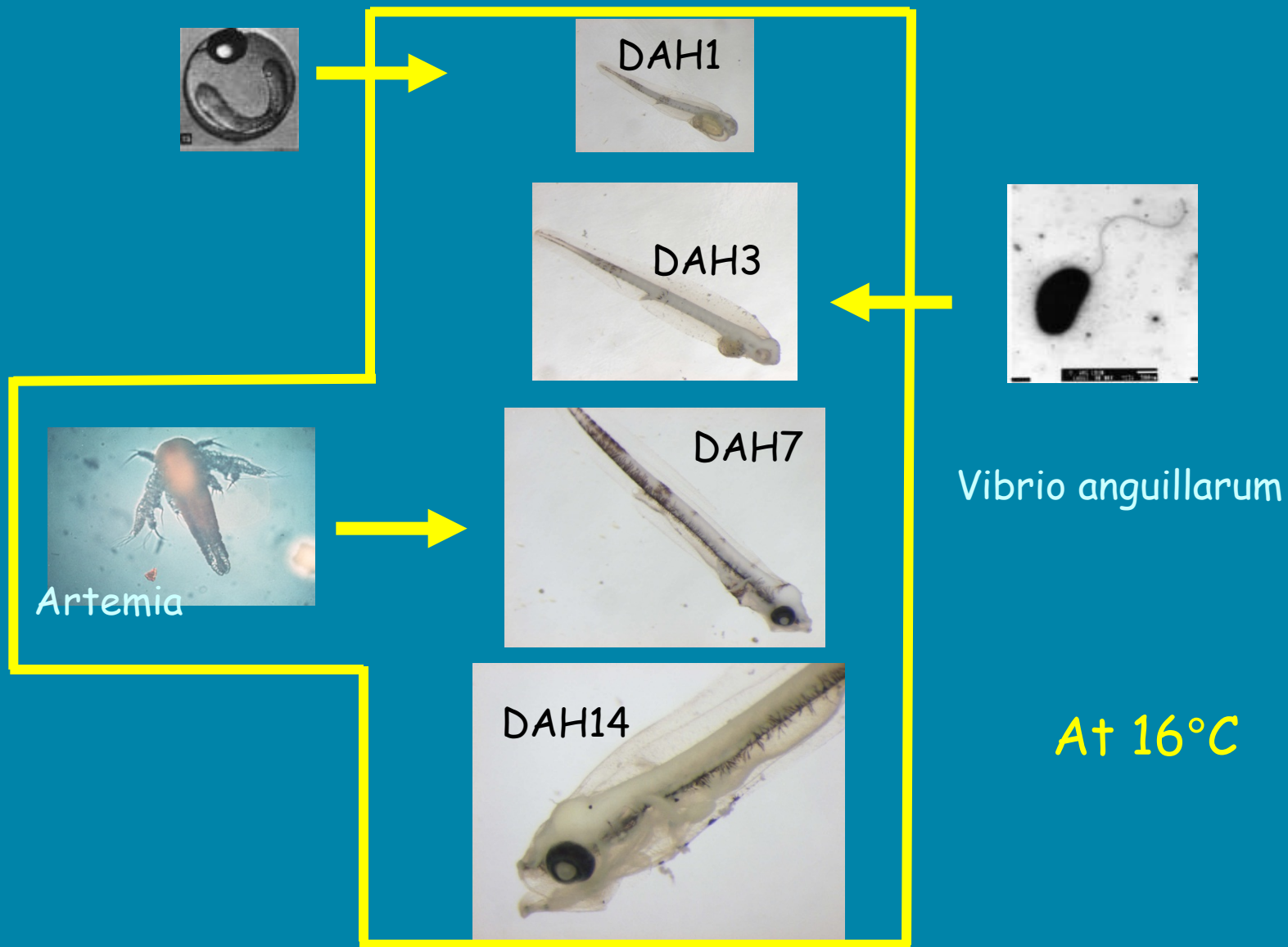
Molecular Genetics – D. Inzé, M. Vuylsteke, F. Vanbreusegem



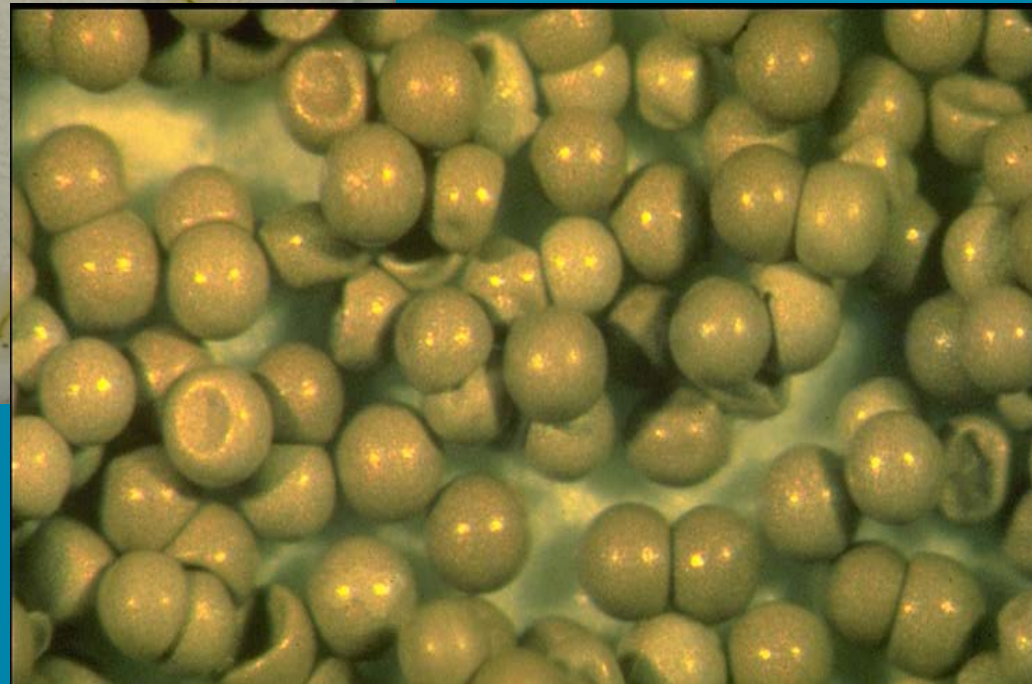
Gnotobiotic Artemia: GART



Gnotobiotic Artemia -seabass food chain



Artemia research





Ongoing projects:

- Promicrobe: EU project
- Pro-eel: EU project
- GOA project: UGent
- IOF project: UGent
- FWO projects
- PhD projects: UGent & abroad