

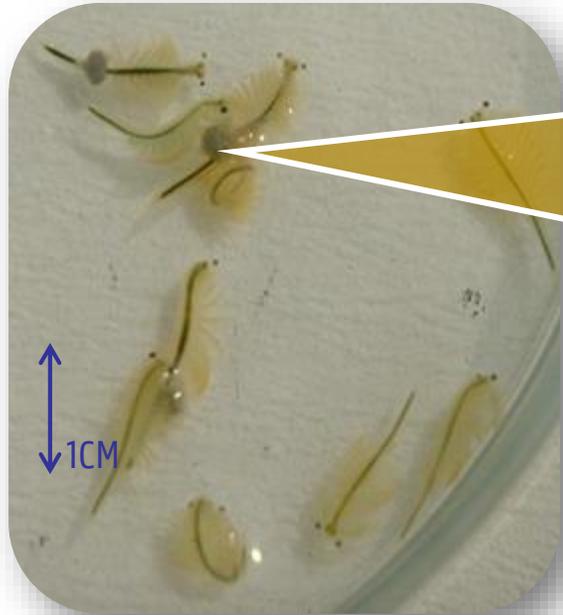
AQUACULTURE COLLABORATION BETWEEN UGENT AND PR CHINA

Patrick Sorgeloos



BACKGROUND

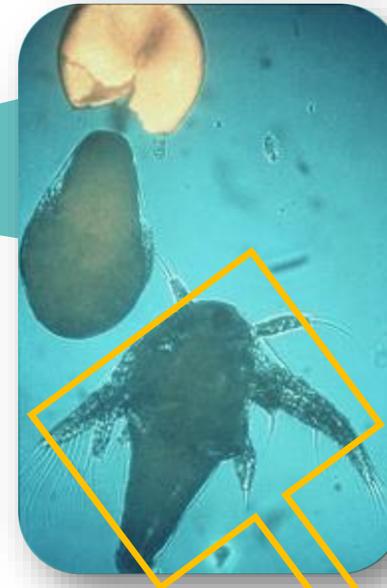
Artemia as alternative to live plankton in the farming of fish and shrimp



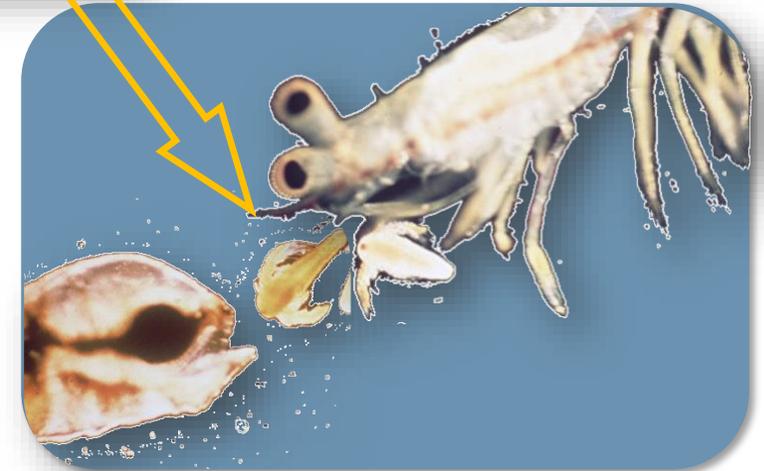
brine shimp - Artemia



Artemia cysts



Artemia larvae





at the forefront of international aquaculture research

- *3 faculties*
- *12 professors*
- *10 research groups*
- *100 researchers*
- *1 business developer*

*joining forces of 10 UGent research groups
to tackle the complex & diverse challenges
in aquaculture R&D*

EDUCATION & RESEARCH

MSc Aquaculture Alumni

Collaboration & Projects

PhD graduates

> 380 MSc
> 50 countries

> 80 PhD's
21 countries

from P.R. China:
• 15 MSc
• 10 PhD

COLLABORATION WITH PR CHINA

1985: First contacts



Seminars on the biology and practical use of the brine shrimp *Artemia* in aquaculture
Shandong College of Oceanography (now Ocean University of China) and
Institute of Oceanology of the Chinese Academy of Sciences

Qingdao, PR China

May 1985

CAFnet Chinese Aquaculture & Fisheries Network

Objectives

to promote collaboration among major aquaculture education and research institutions in China to formulate common research priorities and harmonize education programmes

Activities

- ✓ staff and student exchange
- ✓ identification of joint research priorities
- ✓ paving the way to joint Master degrees & joint PhD curricula
- ✓ Introducing Chinese expertise on large coastal polyculture to European business people & policy makers



COLLABORATION WITH PR CHINA

• Regular meetings

- Shanghai, 2006
- Wageningen, 2007
- Qingdao, 2009
- Ghent, 2009
- Shanghai, 2010
- Qingdao, 2011
- Brussels, 2012



• Regular members

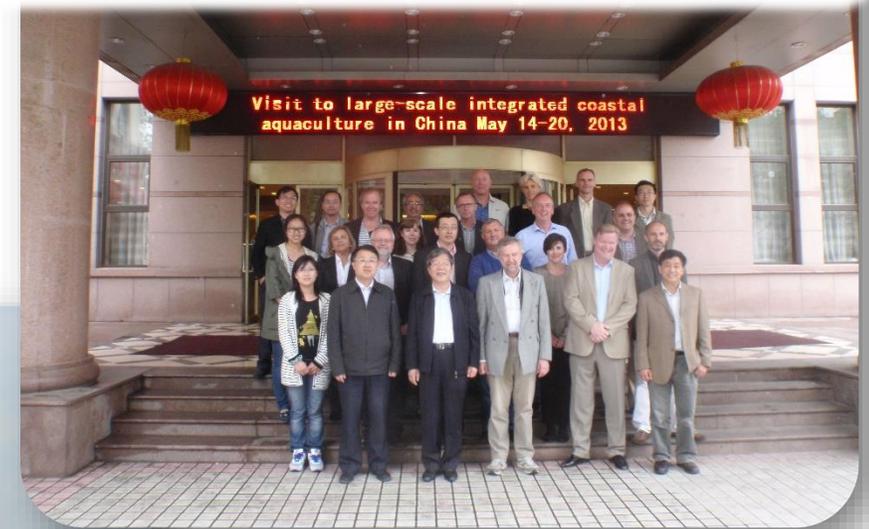
- Ocean University of China, Qingdao
- Institute of Oceanology (CAS), Qingdao
- Yellow Sea Fisheries Research Institute (CAFS), Qingdao
- Shanghai Ocean University
- Dalian Ocean University
- Jimei University
- Institute of Hydrobiology (CAS), Wuhan
- Guangdong Ocean University



COLLABORATION WITH PR CHINA

Networking

Introduction to Chinese aquaculture for European business and academic partners



COLLABORATION WITH PR CHINA

Networking

天津科技大学 天津科技大学

Food and Agriculture Organization of the United Nations

亚洲区域卤虫参考中心
Asian Regional Artemia Reference Center

About AR-ARC Main Research Information Sharing Technology Transfer Consultation&Services Collaboration Education IAAC

Introduction of AR-ARC

Asian Regional Artemia Reference Center (AR-ARC) was established in cooperation with Food and Agriculture Organization of the United Nations in 2016. AR-ARC was approved as Tianjin



WA 2022
Qingdao, China
April 25-28

2020 GLOBAL CONFERENCE ON AQUACULTURE
AQUACULTURE FOR FOOD AND SUSTAINABLE DEVELOPMENT

22-25 September 2021
Shanghai, China

#GCA2020

SDG-aligned
Artemia Aquaculture
Workshop

COLLABORATION WITH PR CHINA

Student Exchange - Joint PhD



Mama Magda Aquaculture Fund

The Mama Magda Aquaculture Fund (MMAF) offers young researchers from the South a stipend up to 15,000 EUR for a research stay of 6 months at Ghent University in preparation for a joint PhD between Ghent University and their host institution.

Research topics are defined by the range of disciplines covered by the [UGent Aquaculture Research & Development Consortium](#).





thank you for your attention

Patrick Sorgeloos

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- UGent Aquaculture R&D Consortium, Honorary Chairman
- UGent ASEANplus Regional Platform, Academic Advisor

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 Ghent University

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