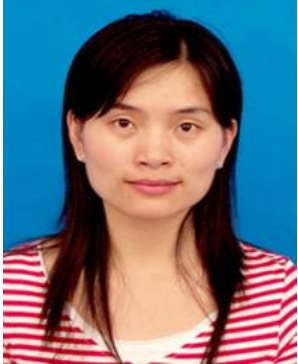


No.	Photos	Name	Organization
China 1		Wei Cong	Institute of Process Engineering, Chinese Academy of Sciences
China 2		Maurycy Daroch	Peking University
China 3		Zhenchuan Fan	Tianjin University of Science and Technology
China 4		Yingchun Gong	Institute of Hydrobiology, Chinese Academy of Sciences
China 5		Chunxiang Hu	Institute of Hydrobiology, Chinese Academy of Sciences

China 6



Kaiyao Huang

Institute of Hydrobiology,
Chinese Academy of Sciences

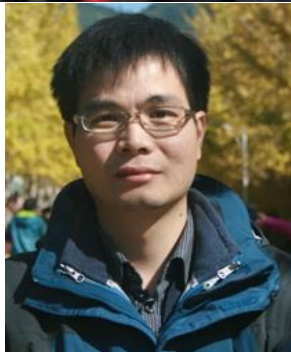
China 7



Qiang Hu

Institute of Hydrobiology,
Chinese Academy of Sciences

China 8



Hui Li

Shenzhen University

China 9



Janhong Li

Nanjing Normal University

China 10



Jin Liu

Peking University

China 11



Renhui Li

Institute of Hydrobiology,
Chinese Academy of Sciences

China 12



Xuefeng Lu

Qingdao Institute of Bioenergy
and Bioprocess Technology,
Chinese Academy of Sciences

China 13



Haiyan Ma

Institute of Hydrobiology,
Chinese Academy of Sciences

China 14



Lirong Song

Institute of Hydrobiology,
Chinese Academy of Sciences

China 15



Dong Wei

South China University of
Technology

China 16



Guangce Wang

Institute of Oceanology,
Chinese Academy of Sciences

China 17



Qiang Wang

Institute of Hydrobiology,
Chinese Academy of Sciences

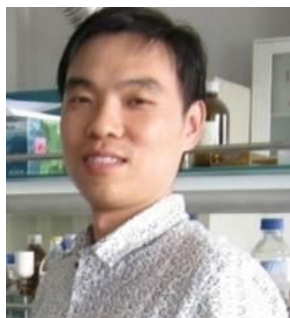
China 18



Song Xue

Dalian Institute of Chemical
Physics, Chinese Academy of
Sciences

China 19



Mingkun Yang

Institute of Hydrobiology,
Chinese Academy of Sciences

China 20



Chengcai Zhang

Institute of Hydrobiology,
Chinese Academy of Sciences

China 21



Huan Zhu

Institute of Hydrobiology,
Chinese Academy of Sciences

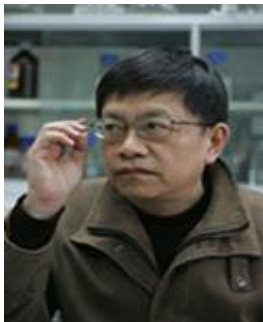
China 22



Juyuan Zhang

Institute of Hydrobiology,
Chinese Academy of Sciences

China 23



Jindong Zhao

Institute of Hydrobiology,
Chinese Academy of Sciences

China 24



Xuezhi Zhang

Institute of Hydrobiology,
Chinese Academy of Sciences

Expertise

No.

Photosynthetic reaction engineering

UK 1

Cyanobacterial biotechnology, carbon dioxide capture and utilisation, biorefineries

UK 2

Microalgae biotechnology, ciliary signaling and ciliopathy

UK 3

Taxonomy and ecology of algivory protozoan, pest control of microalgal cultivation

UK 4

Environmental biology and utilization of cyanobacteria and eukaryotic microalgae

UK 5

Cilia, cytoskeleton, biofuel

UK 6

Fundamental and applied research on algae, biosynthesis of lipids and carotenoids, growth physiology of high-density algal culture, photobioreactor system design, and applications of algal mass culture technology for biofuels and chemicals, and for environmental bioremediation

UK 7

Microalgal biotechnology

UK 8

Microalgae and water environment, utilization of microalgae resources

UK 9

Algal biology, lipid metabolism, carotenogenesis, metabolic engineering

UK 10

Cyanobacterial diversity and taxonomy, molecular detection on cyanobacterial blooms and cyanotoxins, environmental treatment for cyanobacterial blooms

UK 11

Cyanobacteria metabolic engineering and synthetic biology

UK 12

Functional gene of microalgae, biosynthesis, metabolomics, chemical ecology

UK 13

Research and application of physiological ecology and algae resources in cyanobacteria bloom

UK 14

Microalgal biotechnology

UK 15

Alga physiology

UK 16

Photosynthesis, microalgal lipid biosynthesis,
microalgal bioremediation

UK 17

Synthetic biology: focusing on the structure and
function of key enzymes from metabolic
constraints in storage compounds accumulation
from microalgae and identifying the target for the
design of engineering algae mutants targeting
valuable bioproduct production;
Enzymatic catalysis in carbon fixation

UK 18

Proteomics, post translational modification

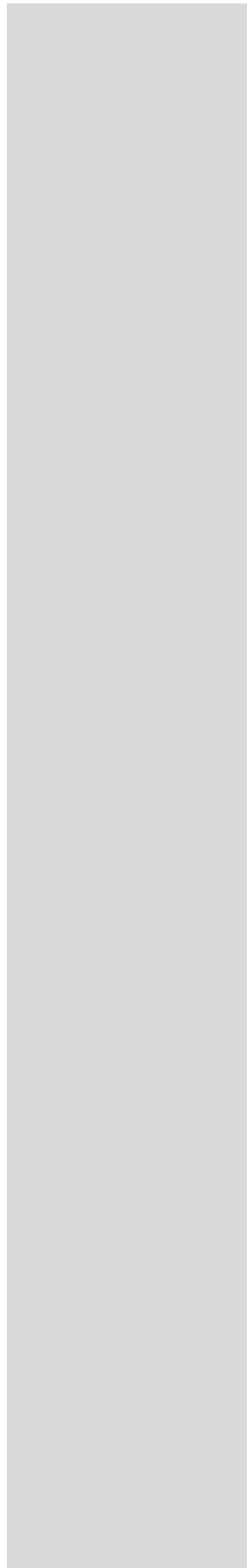
Algal biology, mechanism of cell growth and development

Algal diversity and systematics

Microbiology, cyanobacteria biology

Cell differentiation and formatting of cyanobacteria

Microalgal harvesting, culture media recycling, bioresource utilization



Photos

Name

Organization



Jing Cui

University College London



Claudio Fuentes
Grunewald

Swansea University



Alison Hughes

University of Strathclyde



Marco Lizzul

Varicon Aqua Solutions Ltd.



Attila Molnar

The University of Edinburgh



Jane Purton

Algenuity



Saul Purton

University College London



Pattanathu Rahman

Teesside University



Stefan Semerdzhiev

University of Glasgow



Richard Smith

Rothamsted Research



Andrew Spicer

Algenuity



Michele Stanley

The Scottish Association of
Marine Science



Henry Taunt

University College London



Monika Tomecka

ufraction8



DC Van Alstyne

ScotBio



Ravendran Vasudevan

The University of Edinburgh



Janet Waterhouse

University College London



Ziyi Yu

University of Cambridge

Expertise

Single-use photobioreactor, bubble column, microalgae cultivation, *Chlorella sorokiniana*

High scale production, metabolite extraction and downstream process

The use of comparative metabolomics to study the biotechnological potential of marine microalgae

Innovation, product development, photobioreactor design, algal bioprocesses (high and low value), economic modelling

Gene editing, RNA silencing, epigenetics, alga and plant biotechnology

Supports Algenity as the Operations Manager, is heavily involved in the management of business administration, finance and product quality

Head of Algal Biotechnology group at University College London & Director of PHYCONET. Expertise in the genetic engineering of microalgae and the application in industrial biotechnology

Biosurfactants, bioemulsifiers, cosmetic and biopharmaceutical formulations from algae, exopolysaccharides, genome scale modeling, metabolic engineering

Cyanobacteria (Synechocystis 6803 mainly and a bit of experience on Synechococcus 7002) molecular tools, transformations, CRISPRi in 6803, Exopolysaccharides produced by 6803, calculating production rates for accumulative products, HPLC and monosaccharide content analysis of large polysaccharides

Algal Lipids and genome editing

Microalgal biotechnology, synthetic biology, transgenesis,
genetic modification, bioprospecting, technology
development, biomedical devices, tissue repair and
regeneration, intellectual property, business strategy

Applied phycology

Senior postdoc working on algal genetic engineering

Downstream processing, primary recovery

CEO of ScotBio. 30 years experience in corporate finance.
Last 10 years focussed on scaling of algal bioreactors

Cyanobacterial Synthetic Biology

PHYCONET Network Manager, former researcher with
experience in genetic engineering of microalgae.

Droplet-based microfluidics, single cell analysis,
supramolecular assembly