

## Joseph Tin Yum WONG

### Independent Research and Academic Appointments

*Professor*, Division of Life Science, HKUST

(2016-18, recovered from HepA-mediated acute liver failure)

Taken up ArtScience Communes during rehabilitation.

*Professor*, Department of Biotechnology and Marine Biology, HKUST

*Professor*, Department of Biology, HKUST

*Associate Professor*, Department of Biology, HKUST

*Assistant Professor*, Department of Biology, HKUST

*Research Fellow* (independent research appointment)

Marine Biological Association of the United Kingdom, Plymouth, U.K.

with training secondment to Paul M. Nurse laboratory, Oxford University

### Postdoctoral Training

Postdoctoral Training Fellow

Imperial Cancer Research Fund Cell Cycle Control Group, Microbiology Laboratory, Biochemistry Department, Oxford University (Paul M. Nurse, NL)

Postdoctoral fellow

Natural Environment Research Council Institute of Environmental Microbiology, Oxford (David H. Bishop, DSc)

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PhD. University of Stirling; Larval development and population genetics

MSc. in Aquaculture and Fisheries Management, Institute of Aquaculture (Distinction)  
University of Stirling.

B.Sc. in Marine Biology and Oceanography (Chemical)

University College of North Wales, Bangor.

Leighton Park School, Reading,

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### Supervision of students and postdoctoral associates

12 MPhils, 11 PhDs, 6 Postdoctoral Associates

>40 final year research project students, 5 MSc,

**Research Grants** over 30 internal and external grants as principal investigator (50K -1.9M HKd ea.); as co-investigator (up to 89 M HKd ea.) co-I: State Key Laboratory of Molecular Neuroscience

**Scientific publications:** ~70 peered review journals. The accumulated data during my recovery will be progressively published in the next few years.

Guest Editors: *Neural Signals* (2002-4), 22<sup>nd</sup> International Liquid Crystal Conference (ILCS) 2009,

Organizing committee: First Asia Pacific Coral Reef Symposium <https://www.apcrs2023.org/about/about-us/>

Co-Chair: The 11th AEARU Workshop on Molecular Biology and Biotechnology. Physical Biology: Interface between physical and biological sciences.

Recent talks: 2019 April *Liquid crystalline Macromolecules in vivo*. Okinawa Institute of Science and Technology, Japan. Dec 2023 *Dinoflagellate Cellulosic Thecal Plates, a biomimetic study system for cellulose nanocomposites* International Congress of Nanoscience Research and Development

March 2024 *An Inner Dinochromosomal Compartment* 46<sup>th</sup> annual Meeting of Japanese Society of Plant Physiology, Kobe. April 2024 *Dinoflagellate quasi condensed chromosomes: Karyogenomic Architecture and Responses to UVc irradiation*. The 2nd Symposium on World Cell and Molecular Biology (CMB 2024) (Plenary Speech)

Research approach: *Applications of creative research and innovations to basic and applied sciences.*