

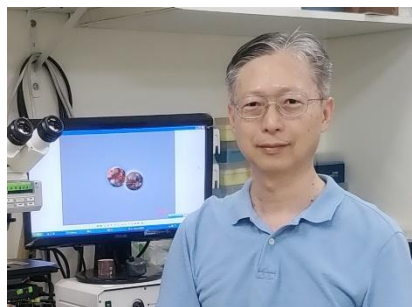
PERSONAL DATA

Dr. Ching-Nen Nathan Chen (陳慶能)

Email: nathanc@mail.nsysu.edu.tw

Tel: +886-7-5252-000 # 5106

Affiliation: Department of Oceanography, National Sun Yat-sen University, Kaohsiung, Taiwan



EDUCATION & EXPERIENCES

Professor, 2016 – present, Dept of Oceanography, National Sun Yat-sen University, Taiwan

Associate Professor, 2013 – 2016, Dept of Oceanography, National Sun Yat-sen University, Taiwan

Assistant Professor, 2009 – 2013, Institute of Marine Biology, National Sun Yat-sen University, Taiwan Aug 2018–Apr 2020 Center for Ecology and Environment, Tunghai University, Taiwan. Assistant Researcher

Assistant Professor, 2005 -2008, Dept of Biology, University of Missouri-Rolla, USA. Aug 2017–Oct 2017 National Museum of Marine Biology and Aquarium, Taiwan. Ministry of Science and Technology, Research Assistant

Postdoctoral fellow and adjunct instructor, 2000 – 2005, Dept of Biology, Washington University in St. Louis, USA.

Ph.D., 1999, National Taiwan University and Washington University in St. Louis, Missouri, USA (a sandwich program)

RESEARCH INTERESTS

1. Biochemistry, genetics, physiology and evolution of microalgae
2. Physiology and ecology of seagrass
3. Coral bleaching, the symbionts' aspect

INTERNATIONAL SERVICE

1. Taiwan office Head, the Society for Coastal Ecosystems Studies – Asia Pacific (SCESAP, Headquarter at Kyushu University, Japan)
2. Founding Director, the International Graduate Program of the College of Marine Sciences, National Sun Yat-sen University, Taiwan
3. Organized more than 10 international symposia/workshops

PUBLICATIONS

1. Hsu KJ, Liao CD, Tsai MW, **Chen CN**. Effects of Exercise and Nutritional Intervention on Body Composition, Metabolic Health, and Physical Performance in Adults with Sarcopenic Obesity: A Meta-Analysis. *Nutrients*. **2019** Sep 9;11(9):2163.
2. Shih PH, Shiue SJ, **Chen CN**, Cheng SW, Lin HY, Wu LW, Wu MS. Fucoxanthin and Fucoxanthin Attenuate Hepatic Steatosis and Inflammation of NAFLD through Modulation of Leptin/Adiponectin Axis. *Mar Drugs*. **2021** Mar 12;19(3):148. doi: 10.3390/md19030148.
3. Walters R, Vasilaki E, Aman J, **Chen CN**, Wu Y, Liang OD, Ashek A, Dubois O, Zhao L, Sabrin F, Cebola I, Ferrer J, Morrell NW, Klinger JR, Wilkins MR, Zhao L, Rhodes CJ. SOX17 Enhancer Variants Disrupt Transcription Factor Binding And

- Enhancer Inactivity Drives Pulmonary Hypertension. *Circulation*. **2023** May 23;147(21):1606-1621.
4. Chang HY, Feng AN, Fong MC, Hsueh CW, Lai WT, Huang KC, Chong E, **Chen CN**, Chang HC, Yin WH. Sacubitril/valsartan in heart failure with reduced ejection fraction patients: Real world experience on advanced chronic kidney disease, hypotension, and dose escalation. *J Cardiol*. **2019** Oct;74(4):372-380. doi: 10.1016/j.jjcc.2019.03.010.
 5. Yu ZC, Li T, Tully E, Huang P, **Chen CN**, Oberdoerffer P, Gaillard S, Shih IM, Wang TL. Temozolomide Sensitizes ARID1A-Mutated Cancers to PARP Inhibitors. *Cancer Res*. **2023** Aug 15;83(16):2750-2762.
 6. Huang ZP, Liu SF, Zhuang JL, Li LY, Li MM, Huang YL, Chen YH, Chen XR, Lin S, Ye LC, **Chen CN**. Role of microglial metabolic reprogramming in Parkinson's disease. *Biochem Pharmacol*. **2023** Jul;213:115619.
 7. Yeh FC, **Chen CN**, Xie CY, Baxan N, Zhao L, Ashek A, Sabrin F, Lawrie A, Wilkins M, Zhao L. TLR7/8 activation induces autoimmune vasculopathy and causes severe pulmonary arterial hypertension. *Eur Respir J*. **2023** Jul 20;62(1):2300204.
 8. Wu YC, Chen CN. Physical Therapy for Adults with Heart Failure. *Phys Ther Res*. 2023;26(1):1-9.
 9. Li LY, Liu SF, Zhuang JL, Li MM, Huang ZP, Chen YH, Chen XR, **Chen CN**, Lin S, Ye LC. Recent research progress on metabolic syndrome and risk of Parkinson's disease. *Rev Neurosci*. **2022** Dec 2;34(7):719-735.
 10. Tien CT, **Chen CN**, Young YH. Post-irradiation endolymphatic hydrops vs. post-irradiation sudden deafness. *Radiother Oncol*. **2022** Nov;176:222-227.