
Cheng-Chang Chen, Dr. rer. nat.

Department of Clinical Laboratory Sciences and Medical
Biotechnology

National Taiwan University

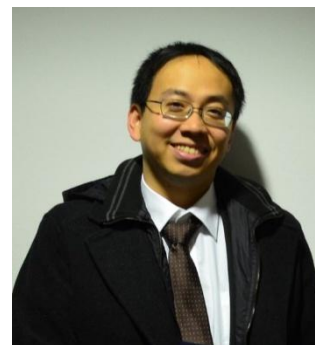
No.1 Jen Ai road, Section 1, Taipei 100, Taiwan

Phone No.: 02-2312-3456 ext. 288272

Fax No.: 02- 23711574

E-mail: chenchengchang@ntu.edu.tw

Web: <https://lysochannel.wixsite.com/maxochenlab>

**Education**

- | | |
|-----------|---|
| 2002-2006 | B.S., Medical Biotechnology, Department of Clinical Laboratory Sciences and Medical Biotechnology, National Taiwan University, Taiwan |
| 2007-2009 | M.S., Institute of Biophotonics Engineering, National Yang-Ming University, Taiwan |
| 2010-2014 | Dr. rer. nat., Pharmacology for Natural Sciences, Ludwig-Maximilians-Universität München, Germany
Dissertation: summa cum laude |

Research and Professional Positions Held in Chronological Sequence

- | | |
|--------------|--|
| 2014-2020 | Postdoctoral Fellow, Department of Pharmacy, Ludwig-Maximilians-Universität München, Germany |
| 2021-present | Assistant Professor, Department of Clinical Laboratory Sciences and Medical Biotechnology, College of Medicine, National Taiwan University, Taiwan |

Research Interests

My research focuses on endolysosomal ion channels and their roles in organelle physiology and disease. By combining organelle patch-clamp electrophysiology, calcium nanodomain imaging, pharmacology, and cell biology, my laboratory investigates how ion channels regulate lysosomal excitability, endolysosomal trafficking, host-pathogen interactions, neuroimmune responses, and disease-associated cellular phenotypes.

Major Honors and Awards

- | | |
|-----------|--|
| 2010-2013 | Bavarian Research Foundation PhD Scholarship, Bavarian Research Foundation, Germany |
| 2014 | Oskar-Karl-Forster-Stipendium Doctoral Dissertation Award, Ludwig-Maximilians-Universität München, Germany |
| 2015 | AbbVie Promotionspreis, Best Dissertation of the Year Award, Department of Pharmacy, Ludwig-Maximilians-Universität München, Germany |
| 2021 | Special Outstanding Talent Award, National Taiwan University, Taiwan |