

Woosuk Chung, M.D., Ph.D.

Curriculum Vitae

2023.02.11

I. Personal Details

Title: M.D., Ph.D.

Name in full: Woosuk Chung

School: Medicine, Chungnam National University

Position: Associate professor, Dept of Anesthesiology and Pain medicine

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II. Education & Degrees

MD: Chungnam National University, Daejeon, Korea. 1997-2003.

MS: Anesthesiology and Pain Medicine. Chungnam National University, Daejeon, Korea. 2005-2008.

National Board Examination: Anesthesiology and Pain Medicine (Korea, 2008)

PhD: Medical Science. KAIST (Korea Advanced Institute of Science and Techonolgy), Daejeon, Korea. 2008-2013.

III. Previous Appointments

Internship: 2003.03.-2004.02. Chungnam National University Hospital.

Residency: 2004.03.-2008.02. Chungnam National University Hospital. Anesthesiology and Pain Medicine

Fellowship (Anesthesiology): 2013.03.-2014.02. Chungnam National University Hospital.

Clinical Professor (Anesthesiology): 2014.03.-2016.02. Chungnam National University Hospital.

Assistant Professor (Anesthesiology): 2016.03-2021.02. Chungnam National University.

Associate Professor (Anesthesiology): 2022.03-present. Chungnam National University.

Academic Committee Member (Korean Society of Anesthesiologists): 2016.08.-present

Editorial Board Member (Korean Journal of Anesthesiology): 2020. 11.-present.

Legislative Committee Secretary (Korean Society of Anesthesiologists): 2020.11.-present.

Academic Committee Member (Korean Society of Neuroscience in Anesthesiology and Critical care): 2021.05.-present.

Public Relations Director (Korean Society of Pediatric Anesthesiologists): 2021.05.-present.

IV. Representative Publications

4. Cui J*, Ju X*, Lee Y, Hong B, Kang H, Han K, Shin W, Park J, Lee M, Kim Y, Ko Y, Heo J, **Chung W**.
Repeated ketamine anesthesia during neurodevelopment upregulates hippocampal activity and enhances drug reward in male mice. *Communications Biology*. 2022
3. Ju X, Cui J, Lee Y, Park S, Hong B, Yoo S, Kim Y, Ko Y, Lim C, Lee S, Kweon G, Heo J, **Chung W**.
Increasing the interval between repeated anesthetic exposures reduces long-lasting synaptic changes in late post-natal mice. *Journal of Neurochemistry*. 2021
2. **Chung W**, Ryu M, Heo J, Lee S, Yoon S, Park H, Park S, Kim Y, Kim Y, Yoon S, Shin Y, Lee W, Ju X, Kweon G, Ko Y. Sevoflurane Exposure during the Critical Period Affects Synaptic Transmission and Mitochondrial Respiration but Not Long-term Behavior in Mice. *Anesthesiology*. 2017 Feb;126(2):288-299.
1. **Chung W***, Choi SY*, Lee E*, Park H*, Kang J, Park H, Choi Y, Lee D, Park SG, Kim R, Cho YS, Choi J, Kim MH, Lee JW, Lee S, Rhim I, Jung MH, Kim D, Bae YC, and Kim E. Social deficits in IRSp53 mutant mice improved by NMDAR and mGluR5 suppression. *Nat. Neurosci*. 2015. 18, 435-443.