

# Curriculum Vitae

---

## Ming-Chia Lee

Laboratory: 319 Bryan Research Building, Department of Neurobiology

Box 3209, Duke University Medical Center, Durham, NC 27710

Email: [mcl9@duke.edu](mailto:mcl9@duke.edu) and [leemingchia@neuro.duke.edu](mailto:leemingchia@neuro.duke.edu)

---

## Education

2000-2002 Master of Science, Zoology, National Taiwan University,

1996-2000 Bachelor of Science, Zoology, National Taiwan University.

---

## Honors

- 2002 The Award of Dean of College of Science, National Taiwan University
  - 2002 Award of Da-Qui Chei and Song-Yeng Fong Memorial Science Fair, Scholarship for Scientific Poster
  - 1999 Award of Dean of College of Science, National Taiwan University
  - 1999 Presidential Award (for excellent grade)
  - 1999 Award of Da-Qui Chei and Song-Yeng Fong Memorial Science Fair, Scholarship for Scientific Poster
  - 1999 Presidential Award (for excellent grade)
- 

## Publications:

1. Wang X, Wu YC, Fadok VA, Lee MC, Gengyo-Ando K, Cheng LC, Ledwich D, Hsu PK, Chen JY, Chou BK, Henson P, Mitani S, Xue D, (2003), Cell corpse engulfment mediated by *C. elegans* phosphatidyserine receptor through CED-5 and CED-12. *Science*. 302, 1563-6
  2. Lee MC and Wu YC, PSR-1 and cMER potentially act together as receptors to transduce apoptotic signals during the cell-corpse engulfment in *C. elegans*. (2002). Master thesis.
  3. Wu YC, Cheng TW, Lee MC and Weng NY, (2002), Distinct Rac activation pathways control *Caenorhabditis elegans* cell migration and axon outgrowth. *Dev. Biol.* 250, 145-155.
  4. Chou WH, Lee MC, and Yu HT (2002), Community structure of ground-dwelling vertebrates sampled with drift-fence pitfall traps in a subtropical montane forest in central Taiwan, *Endemic species research* 4, 1-11
- 

## Research experiences

2004 to present: Doctoral Research, Laboratory of Dr. Michael D. Ehlers, Duke University Medical Center, Department of Neurobiology.

1999-2003: Laboratory of Dr. Yi-Chun Wu, National Taiwan University, Department of Zoology, Taiwan.

Project about neuronal development Distinct Rac activation pathways control *Caenorhabditis elegans* cell migration and axon outgrowth. (*Dev. Biol.* 250, 145-155)

Project about cell-corpse engulfment PSR-1 and cMER potentially act together as receptors to transduce apoptotic signals during the cell-corpse engulfment in *C. elegans* (*Science*. 302, 1563-1566 and Master thesis)

1999 –Laboratory of Dr. Cheng-Ting, Chien, Academia Sinica, Institute of Molecular Biology, Taiwan.  
Cell fate determination during formation of sensory neurons in *Drosophila*: the role of *tramtrack* and *phyllopod*.

1997-1999: Laboratory of Dr. Hon-Tsen, Yu, National Taiwan University, Department of Zoology, Taiwan.  
Community structure of ground-dwelling vertebrates sampled with drift-fence pitfall traps in a subtropical montane forest in

central Taiwan. (**Endemic species research 4, 1-11.**)

---

### **Work experiences**

09/2000-01/2001 Teaching Assistant of the Course "Histology" in Department of Zoology at the National Taiwan University.

08/2002-01/2003 Research Assistant in the Molecular Developmental Genetics Lab in Department of Zoology at the National Taiwan University

.