

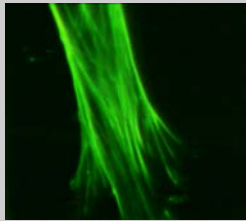
# Han-Chieh Wu

## Education:

**MS., Life Science, (9/97` -6/99`)**

*Department of Life Science, National Tsing Hua University,  
Hsin-Chu, Taiwan, R.O.C.*

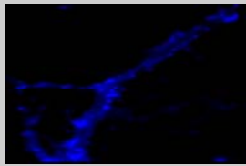
## Research Experience:



**Research Assistant (since Jul 2001)**

**Responsibilities:** work with fluorescence imaging of vital dyes for measuring intracellular calcium and NO; using conventional and confocal microscopic techniques; perform immunohistochemistry on rat vessels; data calculation, collection and laboratory management.

*Department of Physiology, National Chung Kung University, Tainan, Taiwan, R.O. C.*

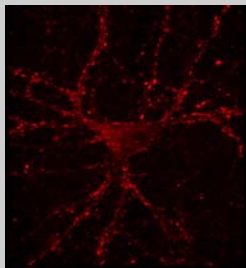


**Graduate Research Student (9/97` -6/99`)**

**Thesis title:** Morphological and Biochemical Studies on Early Development of Neurons in the Cortex from Rat Brains [View Abstract](#)

*Advisor: Dr. Yen-Chung Chang*

*Department of Life Science, National Tsing Hua University,  
Hsin-Chu, Taiwan, R.O.C.*

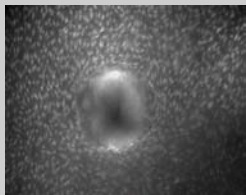


**Undergraduate Research Student (9/95` -6/97`)**

**Thesis title:** The Effect of Hyaluronic Acid and Chondroitin Sulfate on in vivo-like Angiogenesis [View Abstract](#)

*Advisor: Dr. Vie Cheng, Dr. Jan-Kan Chen*

*Department of Biology, Tung Hai University, Taichung,  
Taiwan, R.O.C.*



*Department of Ophthalmology, Change Gung Memorial Hospital, Tao-Yuan, Taiwan, R.O.C.*

**Summer Research Student (7/95`-9/95`)**

**Project:** Immunological Study of Acinetobacter Infection  
in C3H Mice

[View Project](#)

*Advisor: Dr. Kee-Ching Jeng*

*Departments of Teaching and Research, Physical Checkup,  
Taichung Veterans General Hospital, Taiwan, R.O.C.*

**Teaching  
Experience:**

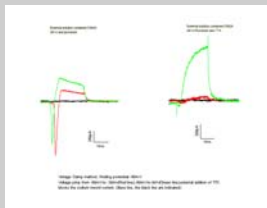
**Assistant: human physiology class**

**Technical  
Skills:**



Western blot  
Histological techniques  
Immunocytochemistry  
Confocal microscopy  
Calcium imaging  
Hautch (en-Face)  
Primary embryonic neuron cell culture  
Microdissection  
Patch-Clamp (Whole cell recording)  
Animal handling skills

**Computer  
Skills:**



Windows  
MS-Office  
Adobe-Photoshop, Acrobat  
Coreldraw  
Meta imaging system  
Axon imaging workbench  
Microcal Origin  
Sigma plot  
Web site design (HTML, Flash, Java)

**Honors and  
Awards:**

**Research award of department of biology, Tunghai  
University, June 15, 1997**

--**Outstanding Award** at the 1997 research paper  
competition of department of biology, *Tunghai University*  
Submitted article: The Effect of Hyaluronic Acid and  
Chondroitin Sulfate on *in vivo-like* Angiogenesis

**1992 National Science Competition of the Republic of China**, Kaohsiung City representative in Biology,  
Awarded 5<sup>th</sup> position

**Extracurricular  
Activities**

Leader of the guitar club, *Tung-Hai University*, 1996  
Leader of the College Students' Circuit Choral Team, *China Youth Corps*, 1994  
Leader of the guitar club, *Tso-Ying senior high school*,  
1991

