

# CHENYI PAN

## EDUCATION

Department of Biological Sciences, College of Life sciences, Zhejiang University 10/2004-present

Department of Earth Science, College of science, Zhejiang University 9/2003-10/2004

- GPA: 3.92/4.0 overall, 3.99/4.0 in Biological Sciences
- Rank: 1/50

## LANGUAGE PROFICIENCY

TOEFL: 633 (59/68/63) TWE 5.5, GRE:570/800/4.5 (78%/94%/52%)

## RESEARCH EXPERIENCE

### Study of the role of a C-terminal member of kinesin superfamily during spermatogenesis

now

#### Student research training program

5/2006~present

- Finished a review on the progress on "Fatty Acids Composition and Their Functions in Germ Cells during Spermatogenesis".
- Designed and carried out the project "Change of Fatty Acids Composition and Their Dynamic Distribution in Germ Cells during Spermatogenesis".

### Study of the influence of intermittent hypoxia on neonatal mice's spatial memory

9/2005~2/2007

- Investigated the expression pattern of SPAR protein in hippocampus.
- Analyzed the neonatal mice's spatial memory in water maze.
- Found the neonatal mice's spatial memory and SPAR expression significantly enhance after intermittent hypoxia treatment.
- Suggested explanations for spatial memory enhancement under intermittent hypoxia condition.

### Bioinformatics analysis of dendritic RNAs

9/2006~12/2006

- Employed softwares to compare the 3' untranslated regions of many dendritic RNAs, such as Arc, MAP2, and BDNF.
- Searched the conservative localization sequences directing RNA trafficking.

### Investigation of plant biodiversity in Xixi National Wetland Park

7/2006~8/2006

- Investigated the plant species in Xixi National Wetland Park.
- Made a report to the municipal government.
- Provided suggestions for conservation of plant biodiversity.

### Study of cell culture methods

7/2005~9/2005

- Received training on cell culture.
- Studied culture methods for liver stem cell.

## PRESENTATIONS

### Spermatogenesis and lipid composition

April 18, 2006

- Discussed the paper "Biochemical dynamics of spermatogenesis and oogenesis in *Eledone cirrhosa* and *Eledone moschata* (Cephalopoda: Octopoda)" (*Comparative Biochemistry and Physiology*, 2004, Part B 139: 299-310).

**Reviewed the recent progress on the role of kinesins during spermatogenesis** March 23, 2007

## **HONORS**

The First-grade Scholarship of National Teaching Base for Biological Science	2005~2006
The “TOSHIDA Scholarship”	
The First Prize of Excellent Undergraduate Scholarship	
The First-grade Scholarship	
The Title of Excellent Communist Youth League Member	
The First-grade Scholarship of National Teaching Base for Biological Science	2004~2005
The Second Prize of Excellent Undergraduate Scholarship	
The Third Prize of Excellent Undergraduate Scholarship	2003~2004
The Title of Excellent All-round Student	2003~2006

## **ACTIVITIES**

<b>Volunteer at “2006 International Conference on Genomics”, Hangzhou, China</b>	10/2006
<b>Volunteer at “Joint 8th IUNS - International Symposium on Clinical Nutrition and 5th Asia-Pacific Clinical Nutrition Society”, Hangzhou</b>	10/2006
<b>Blood donation</b>	12/2005
<b>Freshmen advisor, Zhejiang University</b>	9/2004~6/2005
<b>President, Class of Lantian 652</b>	9/2004~12/2004
<ul style="list-style-type: none"><li>● Organized the tag-of-war.</li><li>● One of the organizers for “Festival for Lantian Dormitory Culture”.</li><li>● Lectured on how to improve study.</li></ul>	
<b>Chief, Department of Activity Planning, English Challenging Organization</b>	2/2004~5/2004
<ul style="list-style-type: none"><li>● Organized English Salons.</li><li>● Organized the cross-activities between “English Challenging Organization” of Zhejiang University and “English Corner” of Chinese Academy of Art.</li></ul>	
<b>Member, Student Union, Zijingang Campus</b>	9/2003~7/2004
<ul style="list-style-type: none"><li>● Organized the speech competition on “Answering Two Questions of The Former President, Zhu Kezhen”</li><li>● Organized “The First Festival for Academy Culture”.</li></ul>	