

# Department of Life Sciences, National Central University



## *MASTER PROGRAM IN MOLECULAR AND CELLULAR BIOLOGY*

In order to emphasize teaching and research equally and connect both with the development of modern biotechnology, we recently established two major research groups, “Molecular and Environmental Biology” and “Molecular and Cellular Biology”. Our mission is to encourage young scientists to join our research teams that combine biological sciences with related technologies. The present research focuses of Molecular and Cellular Biology are cancer, environmental health, bioengineering, drug discovery, bioinformatics, and developmental/stem cell biology. Students interested in these research fields are encouraged to apply for admission.

## Faculty Research Interests

Dr. Shiow-Lian Catherine Jin

Immunology, Cell Biology

Dr. Chein-Chia Wang

Biochemistry, Molecular Biology, Biotechnology

Dr. Yung-Hsi Kao

Herbal Medicines, Hormones, Signal Transduction, Cell and Molecular Biology, Anti-obesity, Physiology

Dr. Ssu-Ching Chen

Environmental Medicine

Dr. Shen Liang Chen

Transcriptional Regulation, Gene Expression, Endocrinology, Molecular Biology

Dr. Wei-Hsin Sun

Molecular Neurobiology, Cell Biology, The Cell Cycle, G-protein Coupled Receptors

Dr. Fu-Guo Robert Liu

Ecology, Biogeography, Evolution, Gene regulation, Cancer Hypermethylation

Dr. Chin-Yu Chen

Structural Biology, Protein-DNA Interaction and Single Molecule Study

Dr. Shu-Dan Yeh

Evolutionary Genetics

Dr. Chung-Yi Nien

Genomics (NGS Data Analysis), Molecular Biology, Developmental Genetics

Dr. Yueh-Hsia Luo

Infection and Immunity, Immunotoxicity-Nanomaterials and Environmental Toxicants

Dr. Chia-Yu Cathy Huang

Neurobiology, Neuropsychiatric disorders, Nanomaterial application in neuron

Qualified applicants should hold a bachelor or equivalent degree.

For detailed requirements and information please visit the NCU international student website at (<http://www.ncu.edu.tw/~ls/english/enroll.php>)

