**Sen YANG**

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**EDUCATION**

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| **8/2012-6/2016** | **South University of Science and Technology of China**, Guangdong, China |
|  | **Degree:** Bachelor of Science in Biology ScienceOverall GPA: 3.52 /4.0; Major GPA: 3.79 /4.0 |

**STANDARDIZED TESTS**

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|  | **TOEFL:** 92 (Reading 28; Listening 23; Speaking 20; Writing 21)**GRE:**  324 (Verbal 156; Quantitative 168); AW 3 |

**SKILLS**

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| **Lab Skills：** | Frozen section, HE staining, Immunohistochemistry/Immunostaining, Western blot, siRNA design, primer design, Real-Time PCR, cell transfection  |
| **Computer Skills：** | Image J, Prism Graphpad, JAVA, Perl |

**ACADEMIC EXPERIENCE**

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| **02/2014-07/2016** Aim:Responsibilities: | **Evaluation of the protective effects of natural polyphenols against the toxic effect of Amyloid-β protein on cortical synapses** **Advisor:** Shengtao HOU**Institution:** Department of Biology in South University of Science and Technology of ChinaTo test the protective effect from two small molecules on Alzheimer’s diseaseSearched for potential effective small molecule by literature researchConducted cell experiment and assisted to culture primary cortical neuronTo create a GFP positive neuronal model to detect change of dendritic spine To set up a confocal based method to analyze morphological changes of synapse on cell cultureTo evaluate the protective effect of two natural polypehnols on synaptic maintenance |

**INTERNSHIP**

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| **07/2015-08/2015**Responsibilities:Gains: | **Advisor:** Jun Xia**Institution:**Dvision of Life Science in Hong Kong University of Science and TechnologyParticipated in a project –Whether Ubiquitination of Neuroligin by Itch can Regulate Synapse FormationCounducted western blot to detect the change of neuroligin expression levelConducted quantitative analysis of immunostaining result by Image JConducted ANOVA(analysis of variance) using Prism Graphpad |

**ACTIVITIES**

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| **04/2015** | **National Academic Conference of Chinese Society for Cell Biology 2015**Volunteered to arrange meeting and hand out materials |
| **9/2015** | **Shenzhen International Biotech Summit 2015**Listened to the report on frontier research results from specialists home and abroad, especially about Alzheimer’s disease |

**HONORS & AWARDS**

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| **04/2015****05/2010** | Initial Scholarship, Shenzhen Municipal Government The 3rd Prize of National Biology Olympiad |