Xiaodong Chen，陈晓冬

_____

CONTACT INFORMATION

Department: Interdisciplinary Institute of Neuroscience and Technology (ZIINT), Zhejiang University, China

Address: R 202, Kexuelou, Huajiachi Campus, Zhejiang University No.268, Kaixuan road, Hangzhou City, Zhejiang Province, 310029, China

E-mail: xdcrun@zju.edu.cn

Website:

_____

EDUCATION & POSITIONS

2014--present PI Professor, Interdisciplinary Institute of Neuroscience and Technology (ZIINT), Qiushi Academy for Advanced Studies (QAAS), Zhejiang University, China

2012－2014 Postdoc. Baylor College of Medicine

2009－2012 Postdoc. Washington University

2008－2009 Research Assistant. Chinese Academy of Sciences.

_____

PUBLICATIONS

[1] Chen X, Han F, Poo MM, Dan Y (2007-11-27) Excitatory and suppressive receptive field subunits in awake monkey primary visual cortex (V1). Proc Natl Acad Sci USA 104:19120-19125.

[2] Chen X, DeAngelis GC, Angelaki DE (2013-11-20) Eye-centered representation of optic flow tuning in the ventral intraparietal area. J Neurosci 33:18574-18582.

[3] Chen X, DeAngelis GC, Angelaki DE (2013-12-04) Diverse spatial reference frames of vestibular signals in parietal cortex. Neuron 80:1310-1321.

[4] Chen X, DeAngelis GC, Angelaki DE (2014-04-30) Eye-centered visual receptive fields in the ventral intraparietal area. J Neurophysiol 112:353-361.

_____

Recent Conference (2012-2017)

- Chen X, DeAngelis GC, Angelaki DE*. Eye-centered representation of visual signals in the ventral intraparietal area (VIP). Poster presentation, SFN, 2012, in New Orleans, USA.

- Chen X. Spatial reference frame representation of sensory signals in monkey parietal cortex. Poster presentation, The 6th FAONS Congress and the 11th Biennial Conference of CNS,2015,Wuzhen, China

_____

Research Interest

Our group will combine the research method of electrophysiological recordings, functional magnetic resonance imaging (fMRI), and optical genetic etc. to study the neural mechanism of these functions by recording and analyzing response characteristics of these cortical neurons. His researches include the following directions:
- **The spatial encoding of sensory input signals in the brain.**
- **Neural mechanisms of object recognition .**
- **Development of auxiliary research tools** .

_____

FUNDING

Ongoing Research Support
Chinese NSF 181110-N11414 2014.01.01--2018.12.30
Project name: The spatial encoding and multisensory integration in posterior parietal cortex.
In this project, we plan to systematically study the spatial encoding of PPC areas. In the further study, we will design experiments to figure out the mechanism how the input signals encoded in different reference frames were integrated in PPC.