

Jiaze Sun

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EDUCATION

MA, Psychiatry	2016-2019
First Affiliated Hospital, China Medical University	
BC, Clinical Medicine	2011-2016
College of Basic Medicine, Shenyang Medical College	

RESEARCH EXPERIENCE

Brain Function Research Section, CMU

Project: Multimodal Neuroimaging in Major Psychiatry Disorders

Leadership for “plasma neurotrophin GDNF level related to DTI abnormality changes in MDD” subproject. 2016-2017

- Proposed a combination research on MDD with DTI and GDNF, which plays an important role in MDD.
- Acquired about 1/3 basic data, clinical data and 1/4 neuroimaging data. And took part in follow-up excluding bipolar depression from unipolar depression.
- Processed overall data and found no positive results when it came to analyzing the correlation between GDNF level and DTI FA values. Instead of that, GDNF level changes differently between various age ranges MDD patients was found.
- Wrote whole draft of the article and took part in modifying it.
- Gained expertise in a broad range of processing neuroimage data using SPM, dpabi, PANDA..., and in statistics.

Leadership for neuroimaging in adolescent depression” subproject. 2017-2018

- Participated in proposing another subproject—a combined fMRI and DTI study of amygdala-prefrontal circuit abnormality in adolescent depression.
- Utilising PANDA, SPM, dpabi..., processed overall data.
- Wrote Introduction, Method and Results sections of the article (under review).

Proposed using machine learning to differentiate bipolar depression from unipolar depression and have been on it. Would devote to the study until graduate. 2018-2019

PUBLICATIONS

Jiaze Sun, Lingtao Kong, Feng Wu, Yange Wei, Yue Zhu, et,al. Decreased plasma glial cell line-derived neurotrophic factor level in major depressive disorder is associated with age and clinical severity. *J Affect Disorders*, 2019; 245: 602–607

Jiaze Sun, Lingtao Kong, Yanqing Tang, Fei Wang, Yange Wei,Feng Wu. Gender differences of plasma glial cell line-derived neurotrophic factor levels in patients with major depressive disorder. *Chin J Behav Med and Brain Sci.*2018; 27:9-13

AWARD

China Medical University MA Studentship Award.	2017-2018
China Medical University MA Studentship Award.	2016-2017

REFERENCES

References available on request.