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### *Review Article*

## **The link between angiotensin II-mediated anxiety and mood disorders with NADPH oxidase-induced oxidative stress**

Feng Liu, Jennifer Havens, Qi Yu, Gang Wang, Robin L. Davisson, Virginia M Pickel, Costantino Iadecola

Department of Child & Adolescent Psychiatry, New York University-Bellevue Hospital Center, New York, NY 10016, USA; Department of Neurology & Neuroscience, Weill Cornell Medical College, New York, NY 10065, USA; Department of Biomedical Sciences, College of Veterinary Medicine, Cornell University, Ithaca, NY 14853, USA

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**Abstract:** The renin-angiotensin system (RAS) and its active peptide angiotensin II (AngII) have major involvements not only in hypertension but also in mood and anxiety disorders. Substantial evidence supports the notion that AngII acts as a neuromodulator in the brain. In this review, we provide an overview of the link between the RAS and anxiety or mood disorders, and focus on recent advances in the understanding of AngII-linked, NADPH oxidase-derived oxidative stress in the central nervous system, which may underlie pathogenesis of mood and anxiety disorders. (IJPPP1112002).

**Keywords:** Renin-angiotensin system, angiotensin II, anxiety disorder, bipolar disorder, major depressive disorder, reactive oxygen species, NADPH oxidase

#### **Address all correspondence to:**

Dr. Feng Liu  
Inpatient Child Psychiatric Unit, Bellevue Hospital Center  
462 First Avenue, New York, NY 10016, USA  
Tel: 212-562-4504; E-mail: FENG.LIU@NYUMC.org ).

Or: Dr. Gang Wang  
Division of Neurobiology, Weill Cornell Medical College  
407 East 61st Street, Room-308, New York, NY 10065, USA  
Tel: 646-962-8273; Fax: 646-962-0535  
E-mail: gaw2001@med.cornell.edu