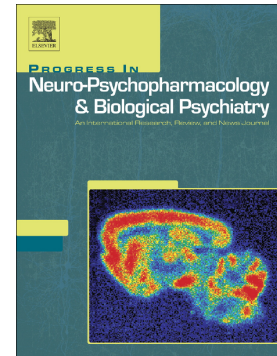


Accepted Manuscript

Resting-state functional magnetic resonance imaging investigation of the neural correlates of cognitive-behavioral therapy for externalizing behavior problems in adolescent bullies

Johanna Inhyang Kim, Yun-Hyong Kang, Jong-Min Lee, Jungho Cha, Yeong-Hun Park, Kuk-Ju Kweon, Bung-Nyun Kim



PII: S0278-5846(17)30938-7
DOI: doi:[10.1016/j.pnpbp.2018.05.024](https://doi.org/10.1016/j.pnpbp.2018.05.024)
Reference: PNP 9418

To appear in: *Progress in Neuropsychopharmacology & Biological Psychiatry*

Received date: 16 November 2017
Revised date: 14 May 2018
Accepted date: 29 May 2018

Please cite this article as: Johanna Inhyang Kim, Yun-Hyong Kang, Jong-Min Lee, Jungho Cha, Yeong-Hun Park, Kuk-Ju Kweon, Bung-Nyun Kim , Resting-state functional magnetic resonance imaging investigation of the neural correlates of cognitive-behavioral therapy for externalizing behavior problems in adolescent bullies. Pnp (2017), doi:[10.1016/j.pnpbp.2018.05.024](https://doi.org/10.1016/j.pnpbp.2018.05.024)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Resting-state functional magnetic resonance imaging investigation of the neural correlates of cognitive-behavioral therapy for externalizing behavior problems in adolescent bullies

Johanna Inhyang Kim, MD, PhD¹, Yun-hyong Kang, MD, PhD², Jong-Min Lee, PhD³,
Jungho Cha, PhD^{3,4}, Yeong-Hun Park³, Kuk-ju Kweon, MD⁵, Bung-Nyun Kim, MD, PhD⁶

¹Department of Public Health Medical Services, Seoul National University Bundang Hospital, 82, Gumi-ro 173 beon-gil, Bundang-gu, Seongnam-si, Gyeonggi-do 13620, Republic of Korea

²Suicide and School Mental Health Institute, Hallym University, 176 bun-gil, Gwanpyoung-ro, Dongan-gu, Anyang, Kyunggi-do 14066, Republic of Korea

³Department of Biomedical Engineering, Hanyang University, 222 Wangsipri-ro, Sungdong-gu, Seoul 04763, Republic of Korea

⁴Department of Neurology, Memory and Aging Center, University of California San Francisco, 2130 Fulton Street, San Francisco, California 94117-1080, USA

⁵Department of Psychiatry, Asan Medical Center, University of Ulsan College of Medicine, 88 43gil, Olympic-ro, Songpa-gu, Seoul 05505, Republic of Korea

⁶Division of Child and Adolescent Psychiatry, Department of Psychiatry, Seoul National University College of Medicine, 101 Daehak-no, Chongno-gu, Seoul 03080, Republic of Korea.

Address correspondence to Dr. Bung-Nyun Kim

Department of Psychiatry and Behavioral Science, Seoul National University College of Medicine, 101 Daehak-no, Chongno-gu, Seoul 03080, Republic of Korea.

E-mail: kbn1@snu.ac.kr

Download English Version:

<https://daneshyari.com/en/article/8537235>

Download Persian Version:

<https://daneshyari.com/article/8537235>

[Daneshyari.com](https://daneshyari.com)