

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 64849

Title: Genetics of adult attachment: An updated review of the literature

Reviewer's code: 05743700

Position: Peer Reviewer

Academic degree: MD, PhD

Professional title: Neurosurgeon, Research Scientist

Reviewer's Country/Territory: Japan

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-25

Reviewer chosen by: AI Technique

Reviewer accepted review: 2021-03-02 01:54

Reviewer performed review: 2021-03-19 02:25

Review time: 17 Days

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input checked="" type="checkbox"/> Grade B: Very good <input type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input checked="" type="checkbox"/> Grade A: Priority publishing <input type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input type="checkbox"/> Anonymous <input checked="" type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No



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SPECIFIC COMMENTS TO AUTHORS

Comments for authors Authors reviewed about attachment style and its genetics. I understood well about attachment style and further genetic research is important to elucidate attachment style, especially in adult. Authors' review manuscript is wonderful, however, there are a few issues for more readable. Major concerns 1. Total volume of words are too much. Please reduce the words count, especially in Candidate gene studies section. Authors should note the description related to attachment style. 2. I would like to see Graphic abstract Figure for more understanding authors' review. Especially, figures or table explaining the differences between child/infant and adult. Minor concerns 1. The part describing, "In a study conducted by our group, ...(COMT)....", should be moved to Candidate gene studies section. 2. Regarding to the part describing, "In a study conducted by our group, ...(COMT)....", authors should describe the detailed methods for the study.

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 64849

Title: Genetics of adult attachment: An updated review of the literature

Reviewer's code: 00742373

Position: Editorial Board

Academic degree: MD, PhD

Professional title: Professor

Reviewer's Country/Territory: China

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-25

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-19 00:28

Reviewer performed review: 2021-03-19 04:34

Review time: 4 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input type="checkbox"/> Minor revision <input checked="" type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

The manuscript titled “Genetics of adult attachment: an updated review of the literature” conducted a narrative review for analyzing the existing literature regarding the implication of candidate genes related to oxytocin, dopaminergic pathways, serotonergic pathways and brain-derived neurotrophic factors in adult attachment. The author concluded that the genetics of adult attachment is difficult to draw conclusions regarding the specific contributions of genetic to adult attachment. Attachment style across childhood and adulthood has been theorized to be rooted in bonding experiences. A significant part of adult attachment style could be explained by genetic causes. The authors reviewed literature from 1980s, they took an overview of human attachment, discussed the attachment styles, the stability of the attachment system, and adult attachment and personality. Specifically, the manuscript reviewed the genetics of the adult attachment from the heritability of twin study, wild association studies, and candidate gene studies. The mechanism of the relationship and attachment and genes were also discussed in the manuscript. Comments: • The resources of the literature should be listed or described in the manuscript to show what subject was used for the literature picking-up and how literature was chosen for review. • It is suggested to make a list of genes which was studied in the literatures together with the results in the individual study to clearly demonstrate the relationship of genes and adult attachment. • The relationship of genetic to adult attachment is not discussed deeply and widely. It would give readers a more deep impression if the contents of genetics related to attachment were heavier and more significantly support the manuscript title.

PEER-REVIEW REPORT

Name of journal: World Journal of Psychiatry

Manuscript NO: 64849

Title: Genetics of adult attachment: An updated review of the literature

Reviewer's code: 05393454

Position: Peer Reviewer

Academic degree: PhD

Professional title: Professor

Reviewer's Country/Territory: India

Author's Country/Territory: Spain

Manuscript submission date: 2021-02-25

Reviewer chosen by: Ya-Juan Ma

Reviewer accepted review: 2021-03-17 07:21

Reviewer performed review: 2021-03-23 06:03

Review time: 5 Days and 22 Hours

Scientific quality	<input type="checkbox"/> Grade A: Excellent <input type="checkbox"/> Grade B: Very good <input checked="" type="checkbox"/> Grade C: Good <input type="checkbox"/> Grade D: Fair <input type="checkbox"/> Grade E: Do not publish
Language quality	<input type="checkbox"/> Grade A: Priority publishing <input checked="" type="checkbox"/> Grade B: Minor language polishing <input type="checkbox"/> Grade C: A great deal of language polishing <input type="checkbox"/> Grade D: Rejection
Conclusion	<input type="checkbox"/> Accept (High priority) <input type="checkbox"/> Accept (General priority) <input checked="" type="checkbox"/> Minor revision <input type="checkbox"/> Major revision <input type="checkbox"/> Rejection
Re-review	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
Peer-reviewer statements	Peer-Review: <input checked="" type="checkbox"/> Anonymous <input type="checkbox"/> Onymous Conflicts-of-Interest: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

SPECIFIC COMMENTS TO AUTHORS

1. The English need improvement since there are some grammatical and syntax errors in the manuscript (For example, the words "Attachment" may be as "The attachment"; "anxious" as "an anxious"; "a deactivation" as "deactivation"; "a hyperactivation" as "hyperactivation"; "AN CHANGE" as "AND CHANGE"; "the childhood" as "childhood"; "a medium-sized" as "medium-sized"; "relationship of" as "relationship between"; "described certain" as "described a certain"; "of environment" as "of the environment"; "a limited" as "limited"; "Functionality" as "The functionality"; "on a" as "of a"; "to this" as "with this"; "to numerous" as "with numerous"; "a previous" as "previous"; "those homozygote" as "those homozygotes"; "A more" as "More"; "a lower" as "lower"; "adult" as "the adult". 2. There are a few typing mistakes as well, and authors are advised to carefully proof-read the text (For example, the words "attachmentcan" maybe as "attachment can"; "styles.Secure" as "styles. Secure"; "insecure avoidant" as "insecure-avoidant"; "evaluatesinterindividual" as "evaluates interindividual"; "thatchildren's" as "that children's"; "thatsocialization" as "that socialization"; "19].Shared" as "19]. Shared"; "tobe" as "to be"; "theMichigan" as "the Michigan"; "studyreported" as "study reported"; "adultsamples" as "adult samples"; "attachment.The" as "attachment. The"; "knownrespectively" as "known respectively"; "[30].In fact" as "[30]. In fact"; "[32];among" as "[32]; among"; "[46],whereas" as "[46], whereas"; "[47,48].These" as "[47,48]. These"; "hypothalamusand" as "hypothalamus and"; "[40],and" as "[40], and"; "[43].A" as "[43]. A"; "[51].There" as "[51]. There"; "lossor" as "loss or"; "receptorexpression" as "receptor rexpression"; "neurons,leading" as "neurons, leading"; "insynaptic" as "in synaptic"; "60].Individuals" as "60]. Individuals"; "theCG" as "the CG"; "genotypeshave" as "genotypes have"; "[62].Individuals" as "[62]. Individuals"; "lymphoblastswere" as "lymphoblasts were"; "adults," as "adults"; "lifestage" as "life stage"; "styleshas" as "styles has";



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“ofenvironmental” as “of environmental”; “lifestage” as “life stage”. The typos not mentioned here also be checked and corrected properly. 3. The author should mention the term (keywords), database, and search engine used for the literature survey in the manuscript. 4. Check the abbreviations throughout the manuscript and introduce the abbreviation when the full word appears the first time in the text and then use only the abbreviation (For example, Brain-derived Neurotrophic Factor - BDNF). And it should be in both abstract as well as in the remaining part of the manuscript. 5. The keywords are not given in the manuscript and it should not only from the title and also be included in the manuscript. The keywords should assist computer searches to find your specific article.