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ACCEPTED MANUSCRIPT

P3 AND INHIBITORY CONTROL IN EXTERNALIZING

Brain-behavior Relationships in Externalizing: P3 Amplitude Reduction Reflects Deficient Inhibitory Control

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Highlights

- P3 amplitude reduction (P3AR) is a candidate endophenotype of externalizing.
- No prior studies directly link P3AR to inhibitory control deficits in externalizing.
- Externalizing relates to P3AR, which in turn predicts deficient inhibitory control.
- Both P3AR and inhibitory control contribute to real-world disinhibited behavior.
- Multivariate endophenotypes may facilitate more specific outcome prediction.

1

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