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**Targeted Therapies** 

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# ACCEPTED MANUSCRIPT

### Highlight

- Biomarkers from diverse technologies are transforming our understanding of depression
- Insights from mood biomarkers enable translational strategies for drug discovery
- Experimental human models accelerate validation of novel antidepressant drug targets
- Enhancing synaptic plasticity can rapidly improve mood in refractory patients

## **Translating Depression Biomarkers for Improved Targeted Therapies**

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