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TITLE PAGE**The Role of Reward Circuitry and Food Addiction in the Obesity Epidemic: An Update**

Running Title: Reward Circuitry and Food Addiction in Obesity

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Highlights

- Altered mesolimbic dopamine circuitry has been implicated in overeating and obesity.
- In animals, food-related addiction-like behaviours are limited to binge eating models.
- In humans, food addiction is highly associated with measures of binge eating.
- Links between palatable food-related dopamine changes and addiction-like behaviour are unclear.

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