

## Use of epigenetic modulators to modulate adipocyte development and function

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### Description:

This method uses a new and emerging class of drugs, 'epidrugs' to favorably modulate adipocyte development or function. An inhibitor was identified that will promote adipogenesis or favorably modulate gene expression in mature adipocytes. The identification of an ideal epigenetic modulator is one that could be used in animals to ameliorate metabolic syndrome, insulin resistance or Type 2 diabetes.

### Commercial Use:

- Method of drug delivery aimed at treating metabolic syndrome, Type 2 diabetes, obesity

### Market Applications:

- Drug development
- Research tool

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### Inventors:

Jacqueline Stephens,  
PhD  
Professor

### Licensing Opportunities:

This technology is  
available for  
exclusive licensing

Additional  
development  
opportunities include  
funded research or  
joint venture

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