



## Lipogenesis and Lipolysis: Insights from Molecular Perspectives

Guest Editor:

**Dr. Miran Jang**

Department of Food Technology  
and Nutrition, Inje University,  
Gimhae 50834, Republic of Korea

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### Message from the Guest Editor

Dear Colleagues,

The balance between lipogenesis and lipolysis is crucial for maintaining a healthy body weight and preventing obesity. When the intake of calories exceeds the body's energy needs, lipogenesis predominates, leading to fat accumulation. Conversely, when energy demands exceed calorie intake, lipolysis becomes more active, releasing stored fat for energy production.

In this Special Issue, we invite you to delve into the realm of lipogenesis and lipolysis and explore the intricate mechanisms governing adipocyte function, stability, and maintenance. We aim to include the latest research, advancements, and insights into the regulation, mechanisms, and interactions of adipocyte regulation in human health and disease.





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MA 02114, USA  
2. Department of Epidemiology,  
Harvard T.H. Chan School of  
Public Health, Boston, MA 02115,  
USA

## Message from the Editor-in-Chief

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*Biomedicines* Editorial Office  
MDPI, Grosspeteranlage 5  
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