

2015

# Proposed Mechanism of CLA on Muscle Metabolism

Yeonhwa Park

*University of Massachusetts - Amherst*

Follow this and additional works at: [https://scholarworks.umass.edu/foodsci\\_faculty\\_pubs](https://scholarworks.umass.edu/foodsci_faculty_pubs)

 Part of the [Food Science Commons](#)

---

## Recommended Citation

Park, Yeonhwa, "Proposed Mechanism of CLA on Muscle Metabolism" (2015). *Food Science Department Faculty Publication Series*. 1. 10.7275/R5NS0S2S

This Article is brought to you for free and open access by the Food Science at ScholarWorks@UMass Amherst. It has been accepted for inclusion in Food Science Department Faculty Publication Series by an authorized administrator of ScholarWorks@UMass Amherst. For more information, please contact [scholarworks@library.umass.edu](mailto:scholarworks@library.umass.edu).

**EXERCISE**

**AMP:ATP**

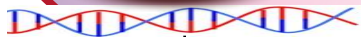
**AMPK**

**CLA**

**PGC-1 $\alpha$**

**SIRT1**

**PPAR $\delta$**



Mitochondria  
biogenesis

Fiber type  
transformation

Lipid  
metabolism

