

# Resource Summary Report

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## MMPC-University of California Davis Energy Balance Exercise and Behavior Core

RRID:SCR\_015364

Type: Tool

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### Proper Citation

MMPC-University of California Davis Energy Balance Exercise and Behavior Core  
(RRID:SCR\_015364)

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### Resource Information

**URL:** <http://www.mmpc.org/shared/showCenterCore.aspx?id=30>

**Proper Citation:** MMPC-University of California Davis Energy Balance Exercise and Behavior Core (RRID:SCR\_015364)

**Description:** Core that provides investigators with services to accurately measure the major components of energy balance in their mouse models and tests that allow investigators to examine physiological factors that may influence food intake or energy expenditure.

**Resource Type:** service resource, core facility, access service resource, resource

**Keywords:** energy balance, exercise and behavior, obesity

**Related Condition:** Obesity, Diabetes, metabolic disease

**Funding:** NIDDK DK092993

**Availability:** Available to the research community

**Resource Name:** MMPC-University of California Davis Energy Balance Exercise and Behavior Core

**Resource ID:** SCR\_015364

**Record Creation Time:** 20220129T080325+0000

**Record Last Update:** 20260812T044302+0000

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### Ratings and Alerts

No rating or validation information has been found for MMPC-University of California Davis Energy Balance Exercise and Behavior Core .

No alerts have been found for MMPC-University of California Davis Energy Balance Exercise and Behavior Core .

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## Data and Source Information

**Source:** [SciCrunch Registry](#)

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## Usage and Citation Metrics

We found 6 mentions in open access literature.

**Listed below are recent publications.** The full list is available at [NIF](#) .

O'Reilly J, et al. (2021) Sex differences in skeletal muscle revealed through fiber type, capillarity, and transcriptomics profiling in mice. *Physiological reports*, 9(18), e15031.

Ono-Moore KD, et al. (2021) Metabolic physiology and skeletal muscle phenotypes in male and female myoglobin knockout mice. *American journal of physiology. Endocrinology and metabolism*, 321(1), E63.

Blackburn ML, et al. (2021) On the potential role of globins in brown adipose tissue: a novel conceptual model and studies in myoglobin knockout mice. *American journal of physiology. Endocrinology and metabolism*, 321(1), E47.

Ono-Moore KD, et al. (2020) Coupling of energy intake and energy expenditure across a temperature spectrum: impact of diet-induced obesity in mice. *American journal of physiology. Endocrinology and metabolism*, 319(3), E472.

Huang KP, et al. (2020) Sex differences in response to short-term high fat diet in mice. *Physiology & behavior*, 221, 112894.

Vogel Ciernia A, et al. (2018) MeCP2 isoform e1 mutant mice recapitulate motor and metabolic phenotypes of Rett syndrome. *Human molecular genetics*, 27(23), 4077.