

# **L** Core Project U240D036598

## O Details

| Projects          | Name                        | Award          | Publications    | Repositories   | Analytics    |
|-------------------|-----------------------------|----------------|-----------------|----------------|--------------|
| 4U24OD036598-08   | Molecular Transducers of    | \$7,867,462.00 | 14 publications | 0 repositories | 0 properties |
| 3U24OD036598-08S1 | Physical Activity (MoTrPAC) |                |                 |                |              |
| 9U24OD036598-07   |                             |                |                 |                |              |
| 3U24OD036598-07S1 |                             |                |                 |                |              |
| 3U24OD036598-07S2 |                             |                |                 |                |              |

### Publications

Published works associated with this project.

| ID                                | Title  | Authors   | RC<br>R        | SJR            | Cita<br>tio<br>ns | Cit.<br>/ye<br>ar | Journal       | Pub<br>lish<br>ed | Upd<br>ated                         |
|-----------------------------------|--|---|----------------|----------------|-------------------|-------------------|---------------|-------------------|-------------------------------------|
| 38693412 🖸                        | Temporal dynamics of the multi-<br>omic response to endurance<br>exercise training.                        | MoTrPAC Study<br>Group<br>1 more<br>MoTrPAC Study<br>Group                                    | 33.<br>97<br>2 | 18.<br>28<br>8 | 119               | 119               | Nature        | 202<br>4          | Oct<br>10,<br>2025<br>(just<br>now) |
| 38701776 <b>♂</b><br>DOI <b>♂</b> | The mitochondrial multi-omic response to exercise training across rat tissues.                             | Amar, David<br>28 more<br>MoTrPAC Study<br>Group  | 12.<br>92<br>7 | 0              | 45                | 45                | Cell<br>Metab | 202<br>4          | Oct<br>10,<br>2025<br>(just<br>now) |
| 32589957 <b>♂</b><br>DOI <b>♂</b> | Molecular Transducers of Physical<br>Activity Consortium (MoTrPAC):<br>Mapping the Dynamic Responses<br>to | Sanford, James A<br>14 more<br>Molecular<br>Transducers of<br>Physical Activity<br>Consortium | 11.<br>45<br>6 | 22.<br>61<br>2 | 200               | 40                | Cell          | 202<br>0          | Oct<br>10,<br>2025<br>(just<br>now) |
| 38693320 <b>♂</b><br>DOI <b>♂</b> | Sexual dimorphism and the multi-<br>omic response to exercise training in<br>rat subcutaneous white adip   | Many, Gina M<br>25 more<br>MoTrPAC Study<br>Group   | 7.9<br>79      | 0              | 28                | 28                | Nat<br>Metab  | 202<br>4          | Oct<br>10,<br>2025<br>(just<br>now) |

| 38697122 🗗          | Molecular adaptations in response to exercise training are associated with tissue-specific transc          | Nair, Venugopalan<br>D<br>22 more<br>MoTrPAC Study<br>Group | 7.2<br>1  | 0 | 26  | 26         | Cell<br>Genom                  | 202<br>4 | Oct<br>10,<br>2025<br>(just<br>now) |
|---------------------|--|---|-----------|---|-----|------------|--------------------------------|----------|-------------------------------------|
| 38984994 🖸          | Physiological Adaptations to<br>Progressive Endurance Exercise<br>Training in Adult and Aged Rats:<br>Insi | Schenk, Simon<br>16 more<br>MoTrPAC Study<br>Group          | 6.1<br>35 | 0 | 20  | 20         | Function<br>(Oxf)              | 202<br>4 | Oct<br>10,<br>2025<br>(just<br>now) |
| 34587765 🖸<br>DOI 🖸 | Phenotypic Expression, Natural<br>History, and Risk Stratification of<br>Cardiomyopathy Caused by Filam    | Gigli, Marta<br>34 more<br>Mestroni, Luisa                  | 5.4<br>76 | 0 | 77  | 19.<br>25  | Circulati<br>on                | 202<br>1 | Oct<br>10,<br>2025<br>(just<br>now) |
| 29601582 🗷<br>DOI 🗹 | Cardiovascular disease: The rise of the genetic risk score.  | Knowles, Joshua W<br>Ashley, Euan A                         | 4.0<br>63 | 0 | 113 | 16.<br>143 | PLoS<br>Med                    | 201<br>8 | Oct<br>10,<br>2025<br>(just<br>now) |
| 30062216 🗹          | Cardiovascular Precision Medicine in the Genomics Era.   | Dainis, Alexandra M<br>Ashley, Euan A                       | 2.3<br>7  | 0 | 61  | 8.7<br>14  | JACC<br>Basic<br>Transl<br>Sci | 201<br>8 | Oct<br>10,<br>2025<br>(just<br>now) |

| 29691392 🗗<br>DOI 🗗 | Medical relevance of protein-<br>truncating variants across 337,205<br>individuals in the UK Biobank study. | DeBoever,<br>Christopher<br>9 more<br>Rivas, Manuel A | 2.3<br>22 | 0 | 79 | 11.<br>286 | Nat<br>Commun                  | 201<br>8 | Oct<br>10,<br>2025<br>(just<br>now) |
|---------------------|---|---|-----------|---|----|------------|--------------------------------|----------|-------------------------------------|
| 32567507 🗹<br>DOI 🗹 | Silencing of <i>MYH7</i> ameliorates disease phenotypes in human iPSC-cardiomyocytes.                       | Dainis, Alexandra<br>11 more<br>Ashley, Euan          | 2.0<br>5  | 0 | 41 | 8.2        | Physiol<br>Genomic<br>s        | 202<br>0 | Oct<br>10,<br>2025<br>(just<br>now) |
| 38634503 🗹<br>DOI 🗹 | Molecular Transducers of Physical<br>Activity Consortium (MoTrPAC):<br>human studies design and protocol.   | MoTrPAC Study<br>Group<br>92 more<br>Willis, Leslie   | 1.7<br>02 | 0 | 5  | 5          | J Appl<br>Physiol<br>(1985)    | 202<br>4 | Oct<br>10,<br>2025<br>(just<br>now) |
| 31112421 🗗<br>DOI 🗗 | Targeted Long-Read RNA Sequencing<br>Demonstrates Transcriptional<br>Diversity Driven by Splice-Site Va     | Dainis, Alexandra<br>4 more<br>Ashley, Euan           | 0.4<br>31 | 0 | 14 | 2.3<br>33  | Circ<br>Genom<br>Precis<br>Med | 201<br>9 | Oct<br>10,<br>2025<br>(just<br>now) |
| 39920727 🗗<br>DOI 🗗 | Researcher views on returning results from multi-omics data to research participants: insights fr           | Ormond, Kelly E<br>5 more<br>Wheeler, Matthew<br>T    | 0         | 0 | 0  | 0          | BMC<br>Med<br>Ethics           | 202<br>5 | Oct<br>10,<br>2025<br>(just<br>now) |

### Notes

RCR Relative Citation Ratio

SJR Scimago Journal Rank



#### Notes

Repository For storing, tracking changes to, and collaborating on a piece of software.

PR "Pull request", a draft change (new feature, bug fix, etc.) to a repo.

## Analytics

Traffic metrics of websites associated with this project.

#### Notes

Active Users Distinct users who visited the website 2.

New Users <u>Users who visited the website for the first time</u> **.** 

Engaged Sessions <u>Visits that had significant interaction</u> **.** 

"Top" metrics are measured by number of engaged sessions.

Built on Oct 10, 2025

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