

# **▶** Core Project OT2OD030544

## O Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	37 publications	0 repositories	0 properties
3OT2OD030544-01S3	Workbench (BDCW)				
3OT2OD030544-01S1					
3OT2OD030544-01S4					
3OT2OD030544-01S2					

## Publications

Published works associated with this project.

ID	Title	Authors	R C R	SJ R	Cit ati on s	Cit. /ye ar	Journal	Pub lish ed	Upd ated
34862502 <b>2</b> DOI <b>2</b>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras33 more Mingxun Wang	5. 6 7	14. 79 6	30	15	Nature Methods	2,0 22	Oct 26, 2024 (2 week s ago)
37349305 <b>♂</b> DOI <b>♂</b>	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem	Ryann M Fame 21 more Maria K Lehtinen	4. 0 3	4.8 87	12	12	Nature Communications	2,0 23	Oct 26, 2024 (2 week s ago)
37798473 <b>♂</b> DOI <b>♂</b>	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Anne Miller 7 more Gary Yellen	3. 6 5	7.1 92	11	11	Nature Metabolism	2,0 23	Oct 26, 2024 (2 week s ago)
37441265 🗹 DOI 🗹	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more	2. 2 9	1.0 04	7	7	International Journal of Tryptophan Research	2,0 23	Oct 26, 2024 (2 week

		Gary H Perdew							s ago)
34721400 <b>2</b> DOI <b>2</b>	Immune Response in Severe and Non-Severe Coronavirus Disease 2019 (COVID-19) Infection: A Mechani	Kavitha Mukund 6 more Shankar Subrama niam	1. 8	1.8 68	23	7.6 67	Frontiers in Immunology	2,0 21	Oct 26, 2024 (2 week s ago)
37452018 🗗 DOI 🗗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata 16 more Guillerm o Oliver	1. 6 1	4.8 87	6	6	Nature Communications	2,0 23	Oct 26, 2024 (2 week s ago)
37815914 <b>乙</b> DOI <b>乙</b>	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Preston D Crowell23 more Andrew S Goldstein	1. 5 8	4.2 79	6	6	Cell Reports	2,0 23	Oct 26, 2024 (2 week s ago)
37515770 <b>(</b> 2 DOI <b>(2</b>	The stability of the myelinating oligodendrocyte transcriptome is	Mathilde Pruvost	1. 2	4.2 79	5	5	Cell Reports	2,0 23	Oct 26,

	regulated by the nuclear lamina.	16 more Patrizia Casaccia	4						2024 (2 week s ago)
38001239 ♂ DOI ♂	IL-1β-mediated adaptive reprogramming of endogenous human cardiac fibroblasts to cells with immun	Jamila H Siamwala 11 more Richard J Gilbert	0. 5 2	2.0 9	2	2	Communications Biology	2,0 23	Oct 26, 2024 (2 week s ago)
37398141 🗷	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more Todd R Graham	0. 3 2	0	1	1	bioRxiv	2,0 23	Oct 26, 2024 (2 week s ago)
35448980 <b>2</b> DOI <b>2</b>	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad 2 more Shankar	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22	Oct 26, 2024 (2 week s ago)

		Subrama niam							
37983749 <b>♂</b> DOI <b>♂</b>	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n3 more Shankar Subrama niam	0. 1 1	4.6 21	1	0.5	GigaScience	2,0 22	Oct 26, 2024 (2 week s ago)
37849634 🗷 DOI 🗗	Endotype Characterization Reveals Mechanistic Differences Across Brain Regions in Sporadic Alzhei	Ashay O Patel2 more Shankar Subrama niam	0	0.6 35	0	0	Journal of Alzheimer's Disease Reports	2,0 23	Oct 26, 2024 (2 week s ago)
37546759 🗹 DOI 🗹	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Anne Miller 7 more Gary Yellen	0	0	0	0	Res Sq	2,0 23	Oct 26, 2024 (2 week s ago)

38187579 <b>♂</b> DOI <b>♂</b>	Matrix Linear Models for connecting metabolite composition to individual characteristics.	Gregory Farage 5 more Śaunak Sen	0	0	0	0	bioRxiv	2,0 23	Oct 26, 2024 (2 week s ago)
38813868 🗹 DOI 🗹	Fetal growth delay caused by loss of non-canonical imprinting is resolved late in pregnancy and c	Ruby Oberin 14 more Patrick S Western	0	3.9 32	1	1	eLife	2,0 24	Oct 26, 2024 (2 week s ago)
39206133 🗹 DOI 🗹	Phosphate availability conditions caspofungin tolerance, capsule attachment and titan cell format	Xianya Qu 7 more James W Kronstad	0	0.4 91	0	0	Frontiers in Fungal Biology	2,0 24	Oct 26, 2024 (2 week s ago)
39257804 🗹	Structural and systems characterization of phosphorylation on metabolic enzymes identifies sex-sp	Tigist Y Tamir 15 more	0	0	0	0	bioRxiv	2,0 24	Oct 26, 2024 (2 week

		Forest M White							s ago)
39300135 🗗	Gut symbiont-derived sphingosine modulates vector competence in Aedes mosquitoes.	Xiaomei Sun 12 more Zhen Zou	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 2024 (2 week s ago)
38975764 <b>②</b> DOI <b>②</b>	Taurine modulates host cell responses to <i>Helicobacter pylori</i> VacA toxin.	Mandy D Westland 5 more Timothy L Cover	0	1.0 42	0	0	Infection and Immunity	2,0 24	Oct 26, 2024 (2 week s ago)
38161977 <b>♂</b> DOI <b>♂</b>	Gut microbiota and metabolites in estrus cycle and their changes in a menopausal transition rat m	Ruoxi Dai 5 more Yan Sun	0	0	0	0	Front Endocrinol (Lausanne)	2,0 23	Oct 26, 2024 (2 week s ago)
38018851 🗹	Lipidomic Analysis Reveals Differences in the Extent of	Nishama De Silva	0	1.2 99	0	0	Journal of Proteome Research	2,0 24	Oct 26,

	Remyelination in the Brain and Spinal Cord.	Mohotti 5 more Meredith D Hartley							2024 (2 week s ago)
38826219 <b>♂</b> DOI <b>♂</b>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can	Sara Rahimine jad 2 more Shankar Subrama niam	0	0	0	0	Res Sq	2,0 24	Oct 26, 2024 (2 week s ago)
38544285 🗗 DOI 🗗	Repeated exposure to eucalyptus wood smoke alters pulmonary gene and metabolic profiles in male L	Samuel J Cochran 11 more Kymberly M Gowdy	0	0.9 11	0	0	Toxicological Sciences	2,0 24	Oct 26, 2024 (2 week s ago)
38844817 🗹 DOI 🗹	Nucleotide metabolism in cancer cells fuels a UDP-driven macrophage cross-talk, promoting immunos	Tommas o Scolaro 36 more Massimili	0	11. 9	3	3	Nature Cancer	2,0 24	Oct 26, 2024 (2 week

		ano Mazzone							s ago)
38651675 🗹 DOI 🗹	A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking	Mohamm ad L Rahman 12 more Qing Lan	0	2.1 31	2	2	International Journal of Cancer	2,0 24	Oct 26, 2024 (2 week s ago)
38714664 🗹 DOI 🗹	FGFR inhibition blocks NF-κB- dependent glucose metabolism and confers metabolic vulnerabilities i	Yuanli Zhen 11 more Nabeel Bardeesy	0	4.8 87	0	0	Nature Communications	2,0 24	Nov 1, 2024 (6 days ago)
39420002 <b>乙</b>	Methionine-SAM metabolism- dependent ubiquinone synthesis is crucial for ROS accumulation in ferro	Chaoyi Xia 13 more Yang Wang	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 2024 (2 week s ago)
38313293 🗹	Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers.	Maloyan Alina 4	0	0	0	0	Res Sq	2,0 24	Oct 26, 2024

		more Sushil Kumar							(2 week s ago)
38165806 <b>♂</b> DOI <b>♂</b>	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t	Dimitris Karagian nis 11 more Chao Lu	0	4.2 79	2	2	Cell Reports	2,0 24	Oct 26, 2024 (2 week s ago)
38172157 <b>亿</b> DOI <b>亿</b>	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more Todd R Graham	0	0.9	3	3	Scientific Reports	2,0 24	Oct 26, 2024 (2 week s ago)
38102827 <b>乙</b> DOI <b>乙</b>	Modeling transcriptional regulation of the cell cycle using a novel cybernetic-inspired approach.	Rubesh Raja 5 more Doraiswa mi Ramkrish na	0	1.1 88	0	0	Biophysical Journal	2,0 24	Oct 26, 2024 (2 week s ago)

38286827 <b>[</b> 2]	Loss of Pip4k2c confe metastatic organotro through insulin-depe AKT pathway	rs liver- pism ndent PI3K-	Meri Rogava 43 more Benjamin Izar	0	11. 9	4	4	Natur	e Cancer	2,0 24	Oct 26, 2024 (2 week s ago)
38226418 🛂 DOI 🗗	Fatty acid metabolisn TRPV4 activity in lung microvascular endotl pulmonar	n promotes nelial cells in	Nicolas Philip 20 more Karthik Sure <b>Rie p</b> C	o osito	1.3 39 <b>ories</b>	2	2	Physi	ican Journal of ology - Lung ar and Molecular ology	2,0 24	Oct 26, 2024 (2 week s ago)
38318337 <b>[</b> 2]	•	Software repos y between	Medina	ociato	1.0	n this p	^	t. Front <b>PRs</b>	iers in <b>Commits</b>	2,0 <b>Co</b> r	Oct 26, 2024 (2)
. Turne	Jesen puon S.		Nataliya No c Chorna			1334			2011111112		s ago)
391 <u>/</u> 3213 <b>г/</b> 3		g Issue Avg P	Niwa R Langu 30 more <sup>No c</sup>		18 Lic	ი ense	∩ <b>Re</b> a	Natur i <b>dme</b>	e Contributing	2 n Depend	Oct encies 2024
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#### **Notes**

Repository	For storing, tracking changes to, and	collaborating on	a piece of softwar	e.	
PR	"Pull request", a draft change (new fe	ature, bug fix, etc DeBerard	c.) to a repo.		
Closed/Open	Resolved/unresolved.	inis			ago)
Avg Issue/PR	Average time issues/pull requests sta	ay open for befor	e being closed.		•
		Chen			Oct
Only the main	ı /default branch is considered for met METTL3-mediated chromatin	riçş, like # of com	mits.		26,
		•			2024
# <u>88 depent</u> den	nciesontather montals tressifes an where	oo, direct and tra	nsítile, e.g. packa	age.json + package-lock	k.json.
DOI 🔼	phase separation through	more	87	Communications	24
	metabolic repr	Rugang			week -

# Analytics

Traffic metrics of websites associated with this project.

### Notes

Active Users <u>Distinct users who visited the website</u> **?**.

New Users <u>Users who visited the website for the first time</u> **2**.

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

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

### **Cumulative Publications**

Total: 37

