

# **L** 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					
3OT2OD030544-01S2					
3OT2OD030544-01S4					

### 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	Upda ted
34862502 <b>亿</b> DOI <b>亿</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 (1 mont h 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 (1 mont h 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 (1 mont h 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 (1 mont

		Gary H Perdew							h 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 (1 mont h 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 (1 mont h ago)
37815914 🗷	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Preston D Crowell23 more Andrew S Goldstei n	1. 5 8	4.2 79	6	6	Cell Reports	2,0 23	Oct 26, 2024 (1 mont h ago)
37515770 🖸	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 (1 mont h ago)
38001239 <b>乙</b>	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 (1 mont h ago)
37398141 <b>乙</b> DOI <b>乙</b>	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 (1 mont h ago)
35448980 <b>乙</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 (1 mont h 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 (1 mont h ago)
38714664 🗹 DOI 🗹	FGFR inhibition blocks NF-kB-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 (4 week s ago)
38286827 <b>♂</b> DOI <b>♂</b>	Loss of Pip4k2c confers liver- metastatic organotropism through insulin-dependent PI3K- AKT pathway	Meri Rogava 43 more Benjamin Izar	0	11. 9	4	4	Nature Cancer	2,0 24	Oct 26, 2024 (1 mont h ago)

38018851 ☑ DOI ☑	Lipidomic Analysis Reveals Differences in the Extent of Remyelination in the Brain and Spinal Cord.	Nishama De Silva Mohotti5 more Meredith D Hartley	0	1.2 99	0	0	Journal of Proteome Research	2,0 24	Oct 26, 2024 (1 mont h ago)
38165806 ☑ DOI ☑	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 (1 mont h ago)
38172157 <b>♂</b> DOI <b>♂</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 (1 mont h ago)
38226418 🗹	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar	Nicolas Philip 20 more	0	1.3 39	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,0 24	Oct 26, 2024 (1 mont

		Karthik Suresh							h ago)
38826219 <b>♂</b> DOI <b>♂</b>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can	Sara Rahimine jad2 more Shankar Subrama niam	0	0	0	0	Res Sq	2,0 24	Oct 26, 2024 (1 mont h 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 (1 mont h ago)
39420002 🗗 DOI 🗗	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 (1 mont h ago)

<u>38651675</u> ☎ DOI ☎	A nested case-control study of untargeted plasma metabolomics and lung cancer among neversmoking	Moham mad L Rahman 12 more Qing Lan	0	2.1 31	2	2	International Journal of Cancer	2,0 24	Oct 26, 2024 (1 mont h ago)
38313293 <b>亿</b> DOI <b>亿</b>	Metabolic abnormalities in the bone marrow cells of young offspring born to obese mothers.	Maloyan Alina 4 more Sushil Kumar	0	0	0	0	Res Sq	2,0 24	Oct 26, 2024 (1 mont h ago)
<u>38813868</u>	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 (1 mont h ago)
38926365 🗹 DOI 🗹	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr	Chen Wang 17 more	0	4.8 87	0	0	Nature Communications	2,0 24	Oct 26, 2024 (1 mont

		Rugang Zhang							h ago)
38975764 🗹 DOI 🗹	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 (1 mont h 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 (1 mont h 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 (1 mont h ago)
39143213 🖸	Mitochondrial complex I promotes kidney cancer	Divya Bezwada	0	18. 50	0	0	Nature	2,0 24	Oct 26,

	metastasis.	36 more Ralph J DeBerar dinis		9					2024 (1 mont h 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 (1 mont h 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 (1 mont h ago)
38544285 C	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 (1 mont

											h ago)
39257804 <b>7</b>	Structural and characterizatio phosphorylatic enzymes identi	n of on on metabolic	Tigist Y Tamir 15 more Forest M White	0	0	0	0	bioRxi	V	2,0 24	Oct 26, 2024 (1 mont h ago)
39300135 ☑ DOI ☑	Gut symbiont-one sphingosine mocompetence in mosquitoes.	odulates vector	Xiaomei Sun 12 <b>m</b> or <b>Rep</b> Zhen Zou		4.8 87 <b>ries</b>	0	0	Natur Comm	e nunications	2,0 24	Oct 26, 2024 (1 mont h ago)
		Softwar	e repositories a	ssociate	ed with	n this	proje	ct.			
	Gut microhiota	and motabolity	ne Duovi Dai	i							Oct 26,
Name D	escription	Stars	Watchers	Fork	5	Issu	es	PRs	Commits	Coi	ntrib.
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	m									_	h ago)
Name Tags	Last Commit	Avg Issue	Avg PR Lang	guages	Lic	ense	Rea	adme	Contributing	Depend	lencies
DOI 🗹	running exercis	ses, microbial	Vazque <sub>ٍ ل</sub> رَّ	data	65			Microl	oiology	24	26,

#### Notes

Repository	For storing, tracking changes to, and collaborating on a piece of software.	
PR	"Plinersity and tryptophange (new feature, bug fix, etc.) to a repo.	2024
	metabolism6	(1
Closed/Open	Resolved/unresolved. more	mont
Avg Issue/PR	Average time issues/pull requests stay िक्सिंप्रिक before being closed.	h
	Chorna	ago)
Only the mair	n /default branch is considered for metrics like # of commits.	
# of depender	Tommas ncies is totaled from all manifests in repo, direct and transitive, e.g. package.json + package-lock.jsc O Scolaro	Oct on . 26,
<u>38844817</u> [ <b>Z</b>	Nucleotide metabolism in cancer36363632323232	2024

## Analytics

Traffic metrics of websites associated with this project.

#### Notes

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

Total: 37

