

## **L** Core Project OT2OD030544

## O Details

Projects	Name	Award	Publications	Repositories	Analytics
1OT2OD030544-01	Biomedical Data Commons	\$3,229,346.00	34 publications	0 repositories	0 properties
3OT2OD030544-01S1	Workbench (BDCW)				
3OT2OD030544-01S3					
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	Upda ted
34862502 <b>乙</b> DOI <b>乙</b>	GNPS Dashboard: collaborative exploration of mass spectrometry data in the web browser.	Daniel Petras33 more Mingxun Wang	5. 8 8	14. 79 6	30	15	Nature Methods	2,0 22	Sep 28, 2024 (1 mont h ago)
37349305 🖸 DOI 🗗	Defining diurnal fluctuations in mouse choroid plexus and CSF at high molecular, spatial, and tem	Ryann M Fame 21 more Maria K Lehtinen	3. 3 7	4.8 87	10	10	Nature Communications	2,0 23	Oct 21, 2024 (5 days ago)
37798473 🖸 DOI 🗗	Spatially resolved metabolomics and isotope tracing reveal dynamic metabolic responses of dentate	Anne Miller 7 more Gary Yellen	3. 3 5	7.1 92	10	10	Nature Metabolism	2,0 23	Sep 28, 2024 (1 mont h ago)

37441265 <b>亿</b> DOI <b>亿</b>	Contribution of Circulating Host and Microbial Tryptophan Metabolites Toward Ah Receptor Activation.	Ethan W Morgan 12 more Gary H Perdew	2. 1 6	1.0 04	6	6	International Journal of Tryptophan Research	2,0 23	Sep 28, 2024 (1 mont h ago)
34721400 <b>亿</b> DOI <b>亿</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	Sep 28, 2024 (1 mont h ago)
37815914 ♂ DOI ♂	MYC is a regulator of androgen receptor inhibition-induced metabolic requirements in prostate can	Preston D Crowell23 more Andrew S Goldstei n	1. 7 8	4.2 79	6	6	Cell Reports	2,0 23	Sep 28, 2024 (1 mont h ago)
37452018 🗗	Lactate-dependent transcriptional regulation controls mammalian eye morphogenesis.	Nozomu Takata 16 more	1. 7 7	4.8 87	6	6	Nature Communications	2,0 23	Sep 28, 2024 (1 mont

		Guillerm o Oliver							h ago)
37515770 🗗 DOI 🗗	The stability of the myelinating oligodendrocyte transcriptome is regulated by the nuclear lamina.	Mathilde Pruvost 16 more Patrizia Casaccia	1. 4 1	4.2 79	5	5	Cell Reports	2,0 23	Sep 28, 2024 (1 mont h ago)
35448980 ☑ DOI ☑	Modular and mechanistic changes across stages of colorectal cancer.	Sara Rahimine jad 2 more Shankar Subrama niam	0. 1 7	1.0 87	2	1	BMC Cancer	2,0 22	Sep 28, 2024 (1 mont h ago)
37983749 <b>♂</b> DOI <b>♂</b>	MetGENE: gene-centric metabolomics information retrieval tool.	Sumana Srinivasa n 3 more Shankar Subrama niam	0. 1 1	4.6 21	1	0.5	GigaScience	2,0 22	Sep 28, 2024 (1 mont h ago)

37546759 <b>2</b> DOI <b>2</b>	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	Sep 28, 2024 (1 mont h ago)
38313293 🗗	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	Sep 28, 2024 (1 mont h ago)
38318337 <b>2</b> DOI <b>2</b>	Exploring the interplay between running exercises, microbial diversity, and tryptophan metabolism	Alejandra Vazquez- Medina 6 more Nataliya Chorna	0	1.0 65	0	0	Frontiers in Microbiology	2,0 24	Sep 28, 2024 (1 mont h ago)
38165806 CZ DOI CZ	Metabolic reprogramming by histone deacetylase inhibition preferentially targets NRF2-activated t	Dimitris Karagian nis 11	0	4.2 79	2	2	Cell Reports	2,0 24	Sep 28, 2024 (1 mont

		more Chao Lu							h ago)
<u>38172157</u> <b>♂</b> <u>DOI</u> <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	Sep 28, 2024 (1 mont h ago)
38187579 <b>亿</b> DOI <b>亿</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	Sep 28, 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 24, 2024 (2 days ago)

38651675 <b>亿</b> DOI <b>亿</b>	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	1	1	International Journal of Cancer	2,0 24	Sep 28, 2024 (1 mont h ago)
38714664 <b>亿</b> DOI <b>亿</b>	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	Sep 28, 2024 (1 mont h ago)
38926365 <b>♂</b> DOI <b>♂</b>	METTL3-mediated chromatin contacts promote stress granule phase separation through metabolic repr	Chen Wang 17 more Rugang Zhang	0	4.8 87	0	0	Nature Communications	2,0 24	Sep 28, 2024 (1 mont h 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	2	2	Nature Cancer	2,0 24	Sep 28, 2024 (1 mont

		ano Mazzone							h 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	Sep 28, 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	Sep 28, 2024 (1 mont h ago)
38286827 <b>乙</b> DOI <b>乙</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	Sep 28, 2024 (1 mont h ago)
38975764 <b>②</b> DOI <b>②</b>	Taurine modulates host cell responses to <i>Helicobacter</i>	Mandy D Westland	0	1.0 42	0	0	Infection and Immunity	2,0 24	Sep 28,

	pylori VacA toxin.	5 more Timothy L Cover							2024 (1 mont h 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	2.0 9	2	2	Communications Biology	2,0 23	Sep 28, 2024 (1 mont h ago)
37398141 🗗 DOI 🗗	Deficiency of the lipid flippase ATP10A causes diet-induced dyslipidemia in female mice.	Adriana C Norris 7 more Todd R Graham	0	0	1	1	bioRxiv	2,0 23	Sep 28, 2024 (1 mont h 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	Sep 28, 2024 (1 mont h ago)

38226418 🗗 DOI 🗗	Fatty acid metabolism promotes TRPV4 activity in lung microvascular endothelial cells in pulmonar	Nicolas Philip 20 more Karthik Suresh	0	1.3 39	2	2	American Journal of Physiology - Lung Cellular and Molecular Physiology	2,0 24	Sep 28, 2024 (1 mont h
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	sep 28, 2024 (1 mont h
38813868 <b>♂</b> DOI <b>♂</b>	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	Sep 28, 2024 (1 mont h ago)
38826219 <b>7</b>	Single-cell transcriptomics reveals stage- and side-specificity of gene modules in colorectal can  Software rep	Rahimine jad					Res Sq ect.	2,0 24	Oct 24, 2024 (2

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## Analytics

Traffic metrics of websites associated with this project.

Distinct users who visited the website . Cumulative Publications Active Users

New Users Users who visited the website for the first time.

**Engaged Sessions** Visits that significant interaction .

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

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