

Resource Summary Report

Generated by SPARC SAWG on Aug 9, 2026

Aston Data Explorer

RRID:SCR_023132

Type: Tool

Proper Citation

Aston Data Explorer (RRID:SCR_023132)

Resource Information

URL: <http://researchdata.aston.ac.uk/>

Proper Citation: Aston Data Explorer (RRID:SCR_023132)

Description: Aston University's repository for their research data. It is one of three services providing information about Aston University's research. Aston Publications Explorer holds Aston's research publications and Aston Research Explorer has broader information about Aston's research work including research staff, awards and activities, projects and research groups. Metadata will be accessible to anyone free of charge. The metadata may be re-used in any medium without prior permission and re-sold commercially provided the repository is mentioned. Aston's repository holds datasets and corresponding metadata that have been produced by Aston University staff and students. The datasets deposited in Aston Publications Explorer range from metadata records only through to full datasets. Content is the sole responsibility of the authors, and any questions over content should be directed to them. Aston Data Explorer, Aston Publications Explorer AND Aston Research Explorer allow users to re-use full-text and other full-data items under the terms of the Creative Commons Attribution Non-Commercial No Derivatives (CC BY NC ND) licence. This means that users must give appropriate credit to the authors and link to the licence. Users may not re-use the material for commercial purposes. Users cannot distribute material that has been remixed, transformed or built upon the original published output. Where a full-text or other full-data item has a licence that is more restrictive or permissive than the CC BY NC ND default licence, this licence should be adhered to.

Synonyms: Aston Data Explorer

Resource Type: storage service resource, data repository, service resource

Availability: Free, Freely available

Resource Name: Aston Data Explorer

Resource ID: SCR_023132

Alternate IDs: r3d100012285, DOI:10.17616/R3H073, DOI:10.17036

Alternate URLs: <https://doi.org/10.17036>, <https://dx.doi.org/10.17036>,
<http://doi.org/10.17616/R3H073>, <https://doi.org/10.17616/R3H073>

Record Creation Time: 20230116T062750+0000

Record Last Update: 20260808T190249+0000

Ratings and Alerts

No rating or validation information has been found for Aston Data Explorer.

No alerts have been found for Aston Data Explorer.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 146 mentions in open access literature.

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

Sharif A, et al. (2025) Immunoassay-mass spectrometry to identify *Brucella melitensis*. *Frontiers in cellular and infection microbiology*, 15, 1531018.

Abdollahnia A, et al. (2024) Mass spectrometric analysis of *Odonthobuthus Doriae* scorpion venom and its non-neutralized fractions after interaction with commercial antivenom. *Scientific reports*, 14(1), 10389.

Cuomo P, et al. (2024) Phage-resistance alters Lipid A reactogenicity: a new strategy for LPS-based conjugate vaccines against *Salmonella* Rissen. *Frontiers in immunology*, 15, 1450600.

Fathy Mohamed Y, et al. (2024) Programming *Bordetella pertussis* lipid A to promote adjuvanticity. *Microbial cell factories*, 23(1), 250.

Wegrzyn K, et al. (2023) Rep protein accommodates together dsDNA and ssDNA which enables a loop-back mechanism to plasmid DNA replication initiation. *Nucleic acids research*, 51(19), 10551.

Kikuchi C, et al. (2023) Glyco-engineered MDCK cells display preferred receptors of H3N2 influenza absent in eggs used for vaccines. *Nature communications*, 14(1), 6178.

Hardman RH, et al. (2023) Disease state associated with chronic toe lesions in hellbenders may alter anti-chytrid skin defenses. *Scientific reports*, 13(1), 1982.

Chentouf HF, et al. (2023) 16S rRNA gene sequencing and MALDI TOF mass spectroscopy identification of *Leuconostoc mesenteroides* isolated from Algerian raw camel milk. *Journal, genetic engineering & biotechnology*, 21(1), 51.

Yang Y, et al. (2023) LptM promotes oxidative maturation of the lipopolysaccharide translocon by substrate binding mimicry. *Nature communications*, 14(1), 6368.

Ono J, et al. (2023) A novel assay for improved detection of sputum periostin in patients with asthma. *PloS one*, 18(2), e0281356.

Sadjjadi FS, et al. (2023) Proteomics investigation of human sera for determination of postoperative indicators of pulmonary cystic echinococcosis. *Journal of cardiothoracic surgery*, 18(1), 18.

Grigorov I, et al. (2023) Serum High-Mobility Group Box 1 and Heme Oxygenase-1 as Biomarkers in COVID-19 Patients at Hospital Admission. *International journal of molecular sciences*, 24(17).

Sammon D, et al. (2023) Molecular mechanism of decision-making in glycosaminoglycan biosynthesis. *Nature communications*, 14(1), 6425.

Hamilton C, et al. (2022) NLRP3 Inflammasome Priming and Activation Are Regulated by a Phosphatidylinositol-Dependent Mechanism. *ImmunoHorizons*, 6(8), 642.

Sosicka P, et al. (2022) Origin of cytoplasmic GDP-fucose determines its contribution to glycosylation reactions. *The Journal of cell biology*, 221(10).

Weng Y, et al. (2022) Inhibition of the Niemann-Pick C1 protein is a conserved feature of multiple strains of pathogenic mycobacteria. *Nature communications*, 13(1), 5320.

Wu Y, et al. (2022) Towards a generic prototyping approach for therapeutically-relevant peptides and proteins in a cell-free translation system. *Nature communications*, 13(1), 260.

Jin M, et al. (2022) DOPAnization of tyrosine in α -synuclein by tyrosine hydroxylase leads to the formation of oligomers. *Nature communications*, 13(1), 6880.

Ghafoori Z, et al. (2022) Separation and characterization of bovine milk proteins by capillary electrophoresis-mass spectrometry. *Journal of separation science*, 45(18), 3614.

Butcher JB, et al. (2022) A requirement for astrocyte IP3R2 signaling for whisker experience-dependent depression and homeostatic upregulation in the mouse barrel cortex. *Frontiers in cellular neuroscience*, 16, 905285.