

Resource Summary Report

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BioGrid Australia

RRID:SCR_006334

Type: Tool

Proper Citation

BioGrid Australia (RRID:SCR_006334)

Resource Information

URL: <http://www.biogrid.org.au>

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Description: A federated data sharing platform and infrastructure that provides access to real-time clinical, imaging and biospecimen data across jurisdictions, institutions and diseases. The web-based platform provides a secure infrastructure that advances health research by linking privacy-protected and ethically approved data among a wide network of health collaborators. Access to de-identified health records data is granted to authorized researchers after an application process so patient privacy and intellectual property are protected. BioGrid Australia's approved researchers are provided access to multiple institutional databases, via the BioGrid interface, preventing gaps in patient records and research analysis. This legal and ethical arrangement with participating collaborators allows BioGrid to connect data through a common platform where data governance and access is managed by a highly skilled team. Data governance, security and ethics are at the core of BioGrid's federated data sharing platform that securely links patient level clinical, biospecimen, genetic and imaging data sets across multiple sites and diseases for the purpose of medical research. BioGrid's infrastructure and data management strategies address the increasing need by authorized researchers to dynamically extract and analyze data from multiple sources whilst protecting patient privacy. BioGrid has the capability to link data with other datasets, produce tailored reports for auditing and reporting and provide statistical analysis tools to conduct more advanced research analysis. In the health sector, BioGrid is a trusted independent virtual real-time data repository. Government investment in BioGrid has facilitated a combination of technology, collaboration and ethics approval processes for data sharing that exist nowhere else in the world.

Abbreviations: BioGrid Australia

Synonyms: BioGrid Australia Limited

Resource Type: analysis service resource, data analysis service, data or information resource, database, production service resource, service resource

Keywords: endocrinology, neuroscience, imaging, medicine, oncology, population, cancer, cystic fibrosis, diabetes, pet, mri, clinical, respiratory, health, epilepsy, neuropsychiatry, data sharing, FASEB list

Related Condition: Cancer, Diabetes, Epilepsy, Cystic fibrosis, Respiratory disease, Multiple Sclerosis, Stroke, Bone density

Availability: Closed; Authorized researchers only.

Resource Name: BioGrid Australia

Resource ID: SCR_006334

Alternate IDs: nlx_152036, r3d100012476

Alternate URLs: <https://doi.org/10.17616/R3921N>

Old URLs: <http://www.biogrid.org.au/wps/portal>

Record Creation Time: 20220129T080235+0000

Record Last Update: 20260821T193746+0000

Ratings and Alerts

No rating or validation information has been found for BioGrid Australia.

No alerts have been found for BioGrid Australia.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 297 mentions in open access literature.

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

Min Y, et al. (2026) The USP19-DnaJC7 Axis Stabilizes p53 in Cisplatin-Treated Epithelial Ovarian Cancer. Cells, 15(10).

Feng H, et al. (2026) MARCH2 suppresses odontoblast differentiation by polyubiquitinating PTPRD. International journal of oral science, 18(1), 5.

Metzger PJ, et al. (2025) Sequestration of ribosome biogenesis factors in HSV-1 nuclear aggregates revealed by spatially resolved thermal profiling. Science advances, 11(26), eadw6814.

- Yue X, et al. (2025) Changes in RNA Splicing: A New Paradigm of Transcriptional Responses to Probiotic Action in the Mammalian Brain. *Microorganisms*, 13(1).
- Awang D, et al. (2025) CircRNA-miRNA-mRNA regulatory network in high-altitude hypobaric hypoxia-induced hearing impairment and hearing acclimatization. *Brazilian journal of otorhinolaryngology*, 91(2), 101557.
- Yin M, et al. (2025) PLOD2 exacerbates cervical squamous cell carcinoma by suppressing p53 by binding to YAP1. *Molecular medicine reports*, 31(1).
- Wu B, et al. (2025) RNA-seq analysis of mitochondria-related genes regulated by AMPK in the human trophoblast cell line BeWo. *Animal models and experimental medicine*, 8(4), 649.
- Castaneda EU, et al. (2025) Influence of multi-species data on gene-disease associations in substance use disorder using random walk with restart models. *PloS one*, 20(6), e0325201.
- Durrani J, et al. (2025) Impact of HLA alloimmunization on clinical outcomes of severe aplastic anemia treated with immunosuppressive therapy. *Blood advances*, 9(11), 2639.
- Castanho I, et al. (2025) Molecular hallmarks of excitatory and inhibitory neuronal resilience and resistance to Alzheimer's disease. *bioRxiv : the preprint server for biology*.
- Kumar M, et al. (2025) Mechanistic insights into Alpha-Synuclein binding to P2RX7: A molecular dynamic and docking study. *PloS one*, 20(5), e0319098.
- Bernhard C, et al. (2025) A coregulatory influence map of glioblastoma heterogeneity and plasticity. *NPJ precision oncology*, 9(1), 110.
- Meert L, et al. (2025) A CHD8-TRRAP axis facilitates MYC and E2F target gene regulation in human neural stem cells. *iScience*, 28(3), 111978.
- Drosdowsky A, et al. (2025) Factors associated with diagnostic and treatment intervals in colorectal cancer: A linked data study. *International journal of cancer*, 157(4), 687.
- de Lange P, et al. (2025) Unaltered maximal power and submaximal performance correlates with an oxidative vastus lateralis proteome phenotype during tapering in male cyclists. *Physiological reports*, 13(8), e70302.
- Biar CG, et al. (2025) Curated loci prime editing (cliPE) for accessible multiplexed assays of variant effect (MAVEs). *ArXiv*.
- Du K, et al. (2025) The role of the hippocampus and SLC39A8 in chronic musculoskeletal pain-induced dementia: a Mendelian randomization study. *Scientific reports*, 15(1), 13211.
- Parker AF, et al. (2025) Functional connectivity alterations in women with subjective cognitive decline. *Journal of Alzheimer's disease reports*, 9, 25424823251328340.
- Dema M, et al. (2025) Disease Aggravation With Age in an Experimental Model of Multiple Sclerosis: Role of Immunosenescence. *Aging cell*, 24(5), e14491.
- Le P, et al. (2025) The proportion of plant-based food consumption during midlife and cognitive health in later life in Australian women: data from the Women's Healthy Ageing

Project (WHAP). European journal of nutrition, 64(7), 292.