Australian research computing resources cheat sheet

ARDC Nectar Research Cloud
Cloud computing, virtual desktops

Website	ardc.edu.au/
Email	support@ehelp.edu.au
Support	support.ehelp.edu.au

NCI
High performance computing, cloud, virtual desktops

Website	nci.org.au/
Email	help@nci.org.au
Support	help.nci.org.au

Galaxy Australia
Web-based bioinformatics platform

Website	usegalaxy.org.au/
Email	help@genome.edu.au
Support	help.galaxyproject.org/

Pawsey
High performance computing, cloud, virtual machines

Website	pawsey.org.au/
Email	help@pawsey.org.au
Support	pawsey.org.au/support

Getting access

Australian researchers can access these facilities and services in many ways including merit, stakeholder, industry, and start-up schemes, funded options, or some services are readily available. Contact your institution's ICT or eResearch service, or the facility for more information on what's available to you.

Training

Australian institutions and eResearch facilities and services collaborate to bring you in-kind/free bioinformatics training.

Australian BioCommons
biocommons.org.au/webinars-workshops

Australian BioCommons YouTube
youtube.com/c/AustralianBioCommons

ARDC	tutorials.rc.nectar.org.au/
Pawsey	pawseysc.github.io/training.html
NCI	nci.org.au/users/user-training
Galaxy	training.galaxyproject.org/

Tools and pipelines

We've been installing tools and building pipelines for you to use on the national compute facilities. You can find them at:

ToolFinder	biocommons.org.au/tool-finder
WorkflowHub	workflowhub.eu/programmes/8

Commercial options

DUG	dug.com/
AWS	amazon.science/academic-engagements
Azure	aka.ms/AzureResearch