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Nature Publishing Group releases linked data platform

PRESS RELEASE FROM NATURE PUBLISHING GROUP
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Nature Publishing Group (NPG) today is pleased to join the linked data community by opening up access to its publication data via a linked data platform. NPG's Linked Data Platform is available at **http://data.nature.com**.

The platform includes more than 20 million Resource Description Framework (RDF) statements, including primary metadata for more than 450,000 articles published by NPG since 1869. In this first release, the datasets include basic citation information (title, author, publication date, etc) as well as NPG specific ontologies. These datasets are being released under an open metadata license, **Creative Commons Zero** (CC0), which permits maximal use/re-use of this data.

NPG's platform allows for easy querying, exploration and extraction of data and relationships about articles, contributors, publications, and subjects. Users can run web-standard SPARQL Protocol and RDF Query Language (SPARQL) queries to obtain and manipulate data stored as RDF. The platform uses standard vocabularies such as Dublin Core, FOAF, PRISM, BIBO and OWL, and the data is integrated with existing public datasets including CrossRef and PubMed.

"NPG is delighted to be able to surface data on published articles from *Nature* and many other journals, going back to 1869," said Jason Wilde, Business Development Director, NPG. "Linked data is an important next step in the evolution of scientific publishing and, over the coming months, we hope to be able to expose more meta-data on our content to enrich the semantic web."

Linked data refers to the publishing of structured data that is linked to other related data. It allows users to query, explore and link data from datasets across the web. NPG joins governments from around the world and other organizations including the British Library, the New York Times and the Open University, in providing a linked data platform.

The platform complements other services NPG provides for developers, but incorporates a wider audience. It has been built in collaboration with information and publishing solutions specialist The Stationery Office (TSO) to support scaling.

More information about NPG's Linked Data Platform is available at **http://developers.nature.com/docs**. Sample queries can be found at **http://data.nature.com/query**.

-ENDS-

UPDATE 05 April 17:00 GMT/12:00 EDT: NPG is aware that some users have experienced intermittent access issues with data.nature.com. These should now be fixed, and we continue to monitor this. If this problem recurs, you may still find that going direct to the data.nature.com page in your browser, rather than following the link on this page, works more successfully. Thanks for your patience, and your interest.

About Nature Publishing Group (NPG)

Nature Publishing Group (NPG) is a publisher of high impact scientific and medical information in print and online. NPG publishes journals, online databases and services across the life, physical, chemical and applied sciences and clinical medicine.

Focusing on the needs of scientists, *Nature* (founded in 1869) is the leading weekly, international scientific journal. In addition, for this audience, NPG publishes a range of *Nature* research journals and *Nature Reviews* journals, plus a range of prestigious academic journals including society-owned publications. Online, nature.com provides over 6 million visitors per month with access to NPG publications and online databases and services, including news and comment from *Nature*, *NatureJobs* plus access to *Nature Network* and Nature Education's Scitable.com.

Scientific American is at the heart of NPG's consumer media division, meeting the needs of the general public. Founded in 1845, *Scientific American* is the oldest continuously published magazine in the US and the leading authoritative publication for science in the general media. Together with scientificamerican.com and 14 local language editions around the world it reaches over 5 million consumers and scientists. Other titles include *Scientific American Mind* and *Spektrum der Wissenschaft* in Germany.

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