

PRESS RELEASE FROM NATURE PUBLISHING GROUP
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For Immediate release

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***Nature Chemistry's* first issue reinvents how NPG publishes chemistry**

The first issue of *Nature Chemistry* goes live today at www.nature.com/naturechemistry. The latest physical sciences journal from Nature Publishing Group (NPG), *Nature Chemistry's* inaugural issue covers the breadth of chemistry, from inorganic microtubes to theoretical studies of how water behaves in detonations.

"With *Nature Chemistry* we are reinventing how we at NPG publish chemistry," says Jason Wilde, NPG's Publisher for the Physical Sciences. *Nature Chemistry* has evolved its production processes, including redrawing compound structures submitted by authors to be machine-readable and converting these structures to International Chemical Identifiers (InChIs). "Our aim is to make the research article the hub of science once more," says Wilde. "The features we have introduced to *Nature Chemistry* make the research article an integral part of our reader's workflow, as they link data-sources together, all from the full text," says Wilde.

An open source initiative, InChIs are an alpha-numeric way of representing a chemical structure, are unique to the compound they describe and can encode absolute stereochemistry. Machine-readable, InChIs enable data-mining and detailed linking between articles, databases and other information sources.

Nature Chemistry articles are annotated to identify all of the chemical compounds mentioned throughout the text. Users can choose to view the article with all of the compounds highlighted, and find out more about those compounds by linking out to other information resources including PubChem and ChemSpider.

Articles published in *Nature Chemistry* include other innovative online features. Pop-up images of chemical structures are associated with the bold compound numbers, used to reference compounds, in article text. Users can click on the bold compound number to view enhanced compound pages, created by the *Nature Chemistry* team. These compound pages provide Chemdraw files, 3-D structures, elemental analysis, links to external databases and other information.

A monthly journal, *Nature Chemistry* publishes high-quality papers that describe the most significant and cutting-edge research in all areas of chemistry. "The launch of *Nature Chemistry* offers authors from all of the sub-fields within chemistry a choice for where they wish their most significant work to be considered for publication," says Stuart Cantrill, Chief Editor of *Nature Chemistry*. The first *Nature Chemistry* articles have already attracted media attention, including *Chemical & Engineering News*, *Chemistry World*, *New York Times* and *MIT Technology Review*.

The *Nature Chemistry* team consulted with the chemistry community on the journal's development, including through the *Nature Chemistry* Facebook group and the Sceptical Chymist blog. The *Nature Chemistry* team is on Twitter, and you can keep up with the latest chemistry news from across NPG with the chemistry podcast, *ChemPod*.

Nature Chemistry will celebrate the launch of its first issue at the American Chemical Society (ACS) spring meeting in Salt Lake City, Utah, this weekend (March 22-26). Copies of the April print issue will be available from the Nature Publishing Group booth (#1508) in the exhibition hall.

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Useful Links

Nature Chemistry: www.nature.com/naturechemistry

Blog: the Sceptical Chymist: <http://blogs.nature.com/thescepticalchymist/>

Podcast: ChemPod: www.nature.com/chemistry/podcast.html

Nature Chemistry on Twitter: <http://twitter.com/NatureChemistry>

Press releases for the first articles published in *Nature Chemistry* are available at:
www.nature.com/nchem/press_releases/index.html

About Nature Publishing Group (NPG):

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