

## Imprint

MAXPLANCKRESEARCH is published by the Science and Corporate Communication Office of the Max Planck Society for the Advancement of Science. Legal headquarters of the Association: Berlin. ISSN 1616-4172

### Publisher's mailing address

Hofgartenstraße 8, D-80539 Munich Tel. 089 2108-1276 (Fax: -1405) e-mail: mpf@gv.mpg.de The magazine as ePaper: www.mpg.de/mpresearch App for free download: www.mpg.de/mpr-mobile

Content Authority Dr. Christina Beck (-1276)

#### Editors-in-Chief

Peter Hergersberg (Chemistry, Physics, Technology; -1536) Helmut Hornung (Astronomy; -1404)

## Editorial Staff

Susanne Beer (Culture, Society; -1342) Dr. Elke Maier (Biology, Medicine; -1064) Dr. Harald Rösch (Biology, Medicine; -1756)

Photo Editor Susanne Schauer (-1562)

#### FSC Www.fscorg MIX Papier aus.verantworfungsvollen Cuellen FSC\* C022953

#### MAXPLANCKRESEARCH is printed on paper from responsibly managed forests and bears the seal of the Forest Stewardship Council (FSC)

.....

#### Editorial Board

Prof. Dr. Gerhard Wegner, Prof. Dr. Heinz Wässle Prof. Dr. Wolfgang Prinz

### Translation

Baker & Harrison Translations Ferdinand-Maria-Straße 30, 80639 Munich Tel. +49 89 8583608-0 e-mail: cb@bakerharrison.de

#### Art Direction

Julia Kessler, Sandra Ostertag Voßstraße 9, 81543 Munich Tel. +49 89 27818770 e-mail: projekte@designergold.de

# Lithography

kaltner verlagsmedien GmbH Dr.-Robert-Zoller-Str. 1, 86399 Bobingen

#### **Printing & Distribution** Vogel Druck- & Medienservice GmbH Leibnizstr. 5, 97204 Höchberg

# Advertising

Beatrice Rieck Vogel Druck und Medienservice GmbH Leibnizstr. 5, 97204 Höchberg Telefon: +49 931 4600-2721 (Fax: -2145) e-mail: beatrice\_rieck@vogel-druck.de

MAXPLANCKRESEARCH seeks to keep partners and friends of the Max Planck Society up to date on the latest research conducted at the Max Planck Institutes. Four editions of the magazine are published in German each year, all of which are translated into English. At present, the English version has a circulation of 10,000 copies (MaxPLANCKFORSCHUNG: 85,000 copies). It is free of charge. None of the views and opinions expressed in MAXPLANCKRESEARCH may be interpreted as representing the official views of the Max Planck Society and its associated bodies. Reprint of texts is permitted only with the prior approval of the publisher. Photographic rights may be granted by agreement.

The Max-Planck-Gesellschaft zur Förderung der Wissenschaften e.V. (Max Planck Society) comprises 82 institutes and research facilities where around 21,400 employees, including some 5,500 permanently employed scientists, work and conduct research. The annual budget for 2013 is 1.53 billion euros. Research activities of the Max Planck Society focus on basic research in natural sciences and the humanities. The Max Planck Society is a non-profit organization registered under private law as an incorporated association. Its central decision-making body is the Senate, with members from the world of politics, the scientific community, and the professional public, providing for a well-balanced partnership.