Max Planck Innovation

The technology transfer organization of the Max Planck Society has forged a link between science and business since 1970. Max Planck Innovation advises and supports Max Planck scientists in assessing the potential of an invention and applying for patents. It also markets patents, technologies and know-how to industry and is on hand to help new entrepreneurs set up their business who convert the research results from the Max Planck Society into products and services.

24 The axon of a nerve cell uses a growth cone to search for its target.

06 With more risk capital, it would be easier for ideas from basic research to be put to practical use.

VIEWPOINT

06 We have to do a better job of utilizing our own ideas
The first findings from basic research are leading to real new developments for the world of tomorrow and beyond.

SUCCESS STORIES

12 A live link to the root of the disease
Thanks to Jens Frahm, doctors are now better able to diagnose a large number of diseases using magnetic resonance imaging.

18 Brake for breast cancer
Herceptin and Sutent are among the most successful drugs that have been developed in Max Planck Institutes.

24 Molecular bright spots
A team led by Stefan Hell has developed fluorescence microscopes with the highest resolution to date. The devices are being marketed by Abberior Instruments.
COMPANY PORTRAIT

54 A spin-off adventure
Scienion produces biochips for pregnancy tests or cancer diagnoses. The company went through its ups and downs before finding its market.

58 Drug evolution riding high
The biotech company Evotec, which offers automated drug screening, employs 3,000 people and is listed on the MDAX stock index.

INTERVIEW

72 “The LDC bridges the valley of death”
Bert Klebl explains how the Lead Discovery Center uses the results of basic research to develop interesting drug candidates for the pharmaceutical industry.

REGULAR FEATURES

03 Editorial
10 Flashback
   50 years of Max Planck Innovation
38 Infographic
   From the lab to the pharmacy
78 Facts and figures
79 Research Establishments
79 Publisher’s Information

FROM IDEAS TO PRODUCTS

32 Avatars for everyone
33 Reliable DNA copier
34 Gene ferries for plant breeding
35 New drug class
36 Corrosion protection to order
37 Cure for leishmaniasis
38 Privacy protection in data treasure troves
39 Cold plasma to combat germs
40 Light combs as yardsticks
41 Genetic fingerprinting

PERSPECTIVES

64 Order is half the battle
65 Making the leap to quantum security
66 Ivory from a test tube
67 Gentle electrical pulses
68 You are the bus stop!
69 Phantoms for surgeons
70 A copper fleece for batteries
71 Effective against tuberculosis and cancer
72 A hot drug
73 Measles against cancer
74 Deformed proteins

44 Katharina Landfester is researching new applications for nanocapsules in industry and medicine.

54 Scienion prints biomolecules on carrier media – and has now become very successful in this area.

58 An Evotec scientist during an electrophysiological experiment.

Photos: Frank Vinken; Abberior Instruments GmbH; illustration: designergold

Katharina Landfester is researching new applications for nanocapsules in industry and medicine.

An Evotec scientist during an electrophysiological experiment.

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Publisher’s Information