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NPS EX. 2144
CFAD v. NPS
IPR2015-00990

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Published on February 23, 2010 by Merck KGaA,
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Concept, design and typesetting: XEO GmbH, Düsseldorf, Germany
Photographs: Pages 6, 10 and 11: Catrin Moritz, Essen;
Pages 1, 2, 4, 35, 51, 57, and 63: Reinhard Koslowski, Düsseldorf
Printing: Franz Kuthal GmbH & Co. KG, Mainaschaff, Germany
Paper: FSC-certified "heaven 42" by Scheufelen



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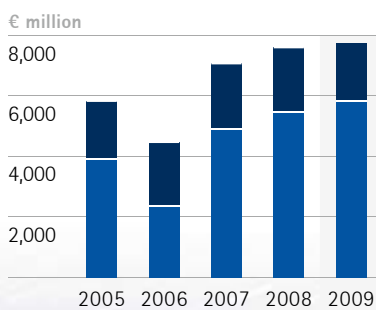
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MERCK AT A GLANCE

Key figures for 2009

€ million	Pharmaceuticals	Chemicals	Corporate and Other	Total	Change in %
Total revenues	5,812	1,935	0	7,747	2.1
Gross margin	4,805	913	0	5,718	0.6
Research and development	1,203	142	-	1,345	8.9
Operating result	403	324	-78	649	-43
Exceptional items	-40	12	-	-28	-
Earnings before interest and tax (EBIT)	363	336	-78	621	-15
EBIT before depreciation and amortization (EBITDA)	1,221	479	-75	1,625	-17
Return on sales in % (ROS: operating result/total revenues)	6.9	16.8	-	8.4	
Free cash flow	913	410	-511	812	85
Underlying free cash flow	916	432	-496	852	42
Underlying free cash flow on revenues (FCR) in %	15.8	22.3	-	11.0	

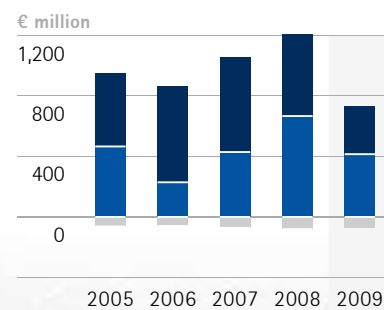
Total revenues by business sector*



* excluding Corporate and Other

■ Chemicals ■ Pharmaceuticals

Operating result by business sector



■ Chemicals ■ Pharmaceuticals ■ Corporate and Other

M

Pharmaceuticals

Chemicals

Merck
Serono

Consumer
Health Care

Liquid
Crystals

Performance &
Life Science
Chemicals



ABOUT MERCK

At Merck, the Pharmaceuticals and Chemicals businesses are under one roof. We are convinced that in both sectors, the market will reward successful research and technological advances with attractive margins. We focus on specialty businesses within both Chemicals and Pharmaceuticals. We are not interested in engaging in commodity markets or businesses where competition is dictated by price alone.

THE HISTORY OF MERCK

It all started with a pharmacy in 1668. The Angel Pharmacy, which is still owned by members of the Merck family today, is where Merck originated. Like his contemporaries, the pharmacist Friedrich Jacob Merck prepared all medicinal substances himself. At that time, the "art of pharmacy" was still a manual craft.

In 1816 – several generations of pharmacists later – Emanuel Merck took over his father's pharmacy and initiated the move from a manual craft to industrial production in 1827. In his laboratory, he succeeded in extracting alkaloids, a class of highly effective plant constituents whose medicinal effect attracted interest from the scientific community. By 1860, the company already offered more than 800 organic and inorganic substances for sale, including many still used in laboratories today.

The roots of the Liquid Crystals business – one of the outstanding Merck success stories – date back to 1904. For decades, liquid crystals remained a laboratory oddity, and their sale was handled by the Laboratory business.

Serono, which was acquired by Merck in 2007, also started out by extracting active substances. In 1906, Cesare Serono founded the "Istituto Farmacologico Serono" in Rome and developed a new method of extracting lecithin from egg yolk. In 1949, the company discovered a way to successfully isolate pure gonadotropin from urine. Gonadotropin plays an important role in reproduction. The production of recombinant gonadotropin transformed Serono into a biotechnology company.

In the early 19th century, the scientific community took particular interest in the extraction of alkaloids, highly effective plant constituents with a medicinal action. Quinine, depicted here, was one such alkaloid.



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