

Q2 2014 Results Conference Call

Merck – Sound business performance supported by inorganic growth

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Remarks

All comparative figures relate to the corresponding last year's period.

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Executive overview

Business and financial review Q2 2014

Guidance

Highlights Q2 2014

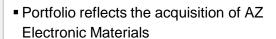


	Organic sales growth and portfolio outweigh FX headwinds
Operations	Double-digit growth in Emerging Markets, all divisions contribute
	AZ acquisition completed, integration to be concluded by end of 2014
	EBITDA pre margin improves to 30.3% (EBITDA pre at €846 m)
Financials	Healthy balance sheet and solid cash generation
	Full-year guidance confirmed
	Sound business performance supported by inorganic growth

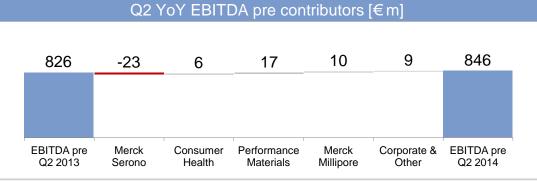
All Merck businesses drive organic growth while currency headwinds remain



Q2 YoY sales	Organic	Currency	Portfolio	Total
Merck Serono	3.0%	-4.4%	0.0%	-1.4%
Consumer Health	8.5%	-5.2%	0.0%	3.3%
Performance Materials	1.8%	-5.1%	20.5%	17.3%
Merck Millipore	4.0%	-4.2%	-0.9%	-1.1%
Merck Group	3.4%	-4.5%	3.0%	1.9%



 Currency headwinds mainly driven by U.S. dollar and related currencies

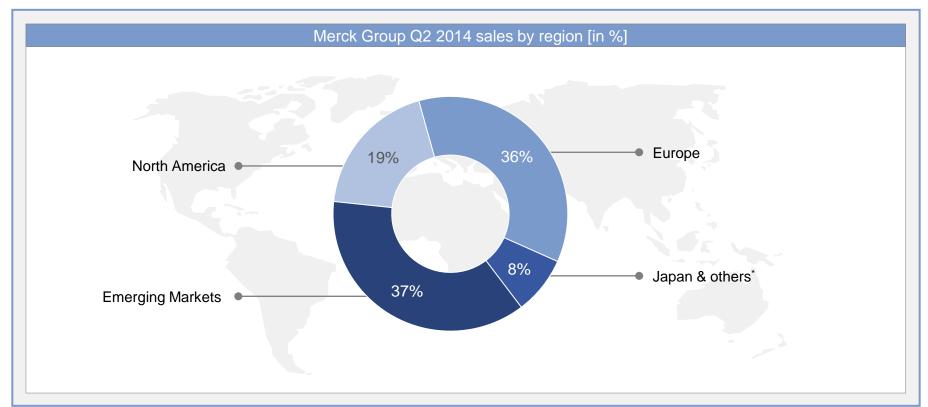


- Performance Materials contains two months EBITDA pre from AZ
- Merck Serono affected by loss of Avonex and Enbrel royalty income
- Corporate & Other includes higher hedging gains (~€10 m) versus LY

Totals may not add up due to rounding

Emerging Markets with highest share of sales, despite tough FX environment

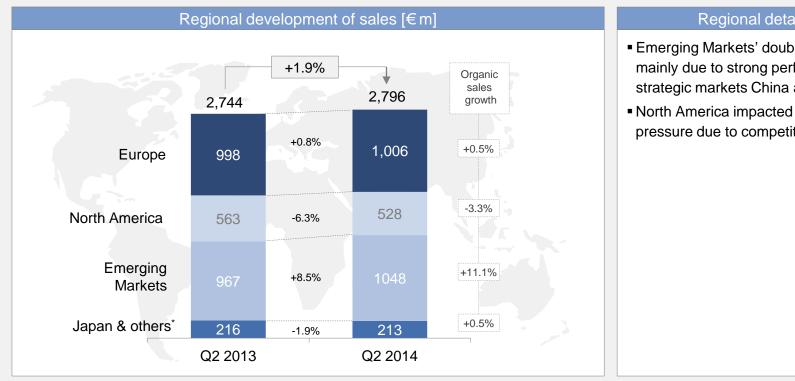




*Australia/Oceania, Africa

Double-digit growth in Emerging Markets, all divisions contribute





Regional details

- Emerging Markets' double-digit growth mainly due to strong performance of strategic markets China and Brazil
- North America impacted by Rebif pressure due to competition from orals



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Q2 2014: Solid financials amid royalty reduction & FX MERCK



[€m]	Q2 2013	Q2 2014	Λ				
			Δ				
Sales	2,744	2,796	1.9%				
EBITDA pre	826	846	2.3%				
Margin (% of sales)	30.1%	30.3%					
EPS pre [€]	1.13	1.16	2.7%				
Operating each flow	442	420	2.00/				
Operating cash flow	443	429	-3.0%				
[€m]	Dec 31, 2013	June 30, 2014	Δ				
Net financial debt	307	2,220	>100%				
Working capital	2,132	2,434	14.2%				
Employees	38,154	39,230	2.8%				
Net financial debt increases on AZ acquisition							

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- Sales up on organic improvement and portfolio overcompensating for negative currency effects
- EBITDA pre and EPS pre up on organic performance and portfolio despite loss of royalty income
- Underlying operating cash flow remains on healthy level
- Jump in working capital reflects consolidation from AZ
- Increase in headcount includes ~1,150 employees from AZ

Reported earnings contain AZ inventory step-up



[€m]	Q2 2013	Q2 2014	Δ
EBIT	465	441	-5.2%
Financial result	-49	-50	3.5%
Profit before tax	417	391	-6.3%
Income tax	-101	-85	-15.8%
Tax rate (%)	24.2%	21.7%	
Net income	316	303	-4.0%
EPS (€)	0.73	0.70	-4.1%

Reported results

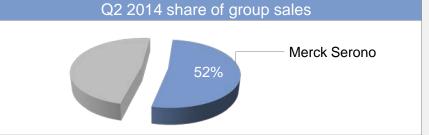
- EBIT contains AZ inventory step-up of ~€30 m, fully expensed in cost of sales
- Tax rate benefits from favorable regional profit split as well as one-time tax refund

Merck Serono: Emerging Markets drive organic growth MFRCK



[€m]			Q2 2013 ¹	Q2 20	14
Sale	es			1,468	1,44	46
Mar	keting and	selling		-332	-32	24
Admin			-50	-5	56	
R&D				-295	-3′	12
EBIT				266		40
EBI	EBITDA			478	44	44
EBI	TDA pre			475	45	52
Mar	gin (% of s	sales)		32.4%	31.3	1%
		:	Sales brid	ge		
	€1,468 m	3.0%	-4.4%	0.0%	€1,446 m	
	Q2 2013	Organic	Currency	Portfolio	Q2 2014	

- Solid organic sales growth is overshadowed by FX headwinds
- Rebif softer as past U.S. pricing is outweighed by competition from orals, increasingly also in Europe
- Erbitux performance driven by volume expansion in Emerging Markets (EM) and market share gains in Japan
- General Medicine² with largest contribution to EM performance
- R&D increase due to cost phasing as well as one-time costs
- Despite positive pricing effects, EBITDA pre margin declines on termination of Avonex and Enbrel royalty streams and FX



Restated for product reclassification of Neurobion and Floratil from Merck Serono to Consumer Health: 2includes "Cardiometabolic Care & General Medicine and Others"

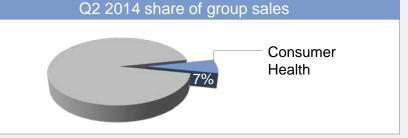
Consumer Health: Strategic brands fuel growth



[€m]			Q2 2013 [*]	Q2 2014
Sales				179	185
Marketing and selling				-72	-70
Adm	iin			-6	-7
R&D				-6	-5
EBIT				34	37
EBITDA				37	39
EBI	ΓDA pre			35	41
Mar	gin (% of s	sales)		19.8%	22.4%
			Sales brid	ge	
	€179 m	8.5%	-5.2%	0.0%	€185 m
			_		
	Q2 2013	Organic	Currency	Portfolio	Q2 2014

Comments

- Slight increase in sales driven by strong organic growth offsetting continued currency headwinds
- Strategic brands show ongoing good development in Emerging Markets (Neurobion and Floratil in Brazil)
- Pregnancy supplements (Femibion) continue to contribute nicely in Europe due to good demand and new sales force initiatives
- Strong season for mosquito repellents following soft winter supports performance of local brands in Europe
- Improved profitability driven by positive pricing and favorable product mix as a result of focusing on strategic products



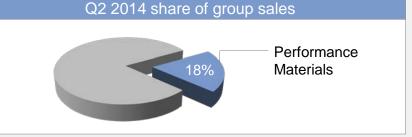
Restated for product reclassification of Neurobion and Floratil from Merck Serono to Consumer Health

Performance Materials: First quarter of AZ contribution MERCK



[€m]			Q2 2013	Q2 2014
Sales			431	506
Marketing and	selling		-37	-45
Admin			-8	-15
R&D			-33	-38
EBIT			170	137
EBITDA			205	
EBITDA pre			209	226
Margin (% of		48.5%	44.8%	
	;	Sales brid	ge	
€431 m	1.8%	-5.1%	20.5%	€506 m
Q2 2013	Organic	Currency	Portfolio	Q2 2014

- Sales increase as organic growth and portfolio effects from AZ more than offset currency headwinds
- Liquid Crystals with healthy demand for flagship technologies PS-VA and IPS yields sound organic growth on tough comparables
- AZ with slight organic growth mainly from Optronics
- Solid demand from coating industry for Xirallic products yields slight organic growth in Pigments
- Reported EBIT and EBITDA contain AZ inventory step-up

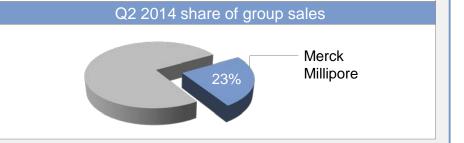


Merck Millipore: Profitable growth in Process Solutions MERCK



[€m]				Q2 2013	Q2	2014
Sales				666		659
Market	ing and	selling		-174		-164
Admin				-23		-26
R&D				-40		-39
EBIT				72		75
EBITDA				148		150
EBITD	A pre			156		166
Margin	(% of s	sales)		23.4%	2	5.2%
		;	Sales brid	ge		
€	666 m	4.0%	-4.2%	-0.9%	€659 m	
Q	2 2013	Organic	Currency	Portfolio	Q2 2014	

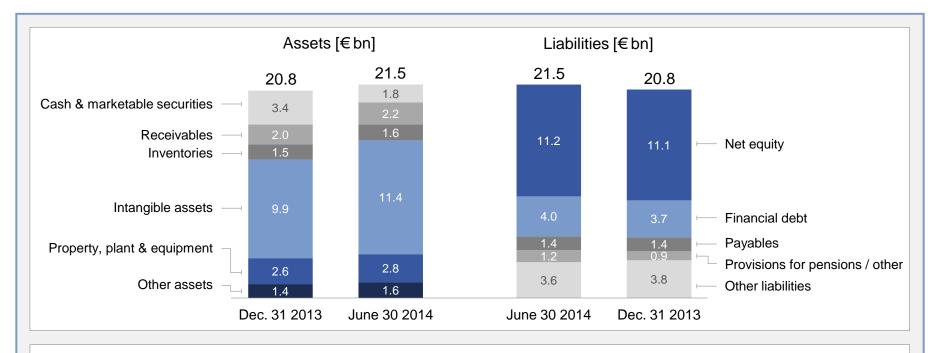
- Organic growth offset by FX and portfolio
- Process Solutions continues to drive divisional performance due to strong biopharma demand in all regions
- Lab Solutions organically flat, as good demand for solvents and consumables in Emerging Markets is offset by softer Europe
- Bioscience slightly growing as demand for Amnis* products and Q2 sales initiatives outweigh impact of U.S. budget sequestration
- Increase in EBITDA pre and margin owing to higher volumes and prices as well as continued cost control



Amnis Corporation was acquired in August 2011. Amnis products focus on high speed cell imaging instrumentation

Balance sheet: A strong foundation





- Balance sheet reflects AZ's assets and liabilities
- Reclassification of 2015 bond (€1,350 m) from non-current to current liabilities

Solid operating cash flow in Q2 2014



[€m]	Q2 2013	Q2 2014	Δ	Cash flow drivers
Profit after tax	316	306	-10	■ Lower profit after tax impacted by
D&A	328	326	-2	one-time inventory step-up from AZLower interest and tax payments drive
Changes in provisions	-20	-42	-22	changes in other assets and liabilities
Changes in other assets / liabilities	-203	-141	62	 Changes in working capital reflect increase in receivables
Other operating activities	-32	-10	23	 Investing cash flow contains disposal of financial assets and purchase of AZ
Changes in working capital	54	-10	-64	■ Payment for AZ and repayment of its
Operating cash flow	443	429	-13	loans drive financing cash flow
Investing cash flow	-268	-1,233	-966	
thereof Capex	-120	-85	35	
Financing cash flow	-115	-855	-740	



Agenda

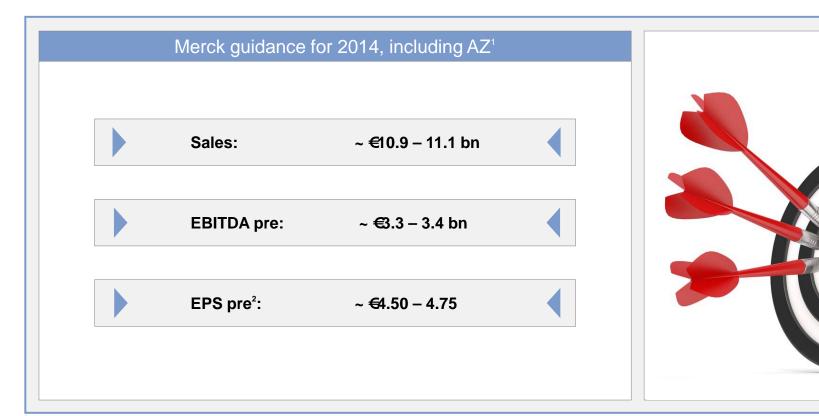
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Business and financial review Q2 2014

Guidance

Full-year guidance confirmed





Including AZ Electronic Materials from May to December 2014

²Based on number of shares after the share split, which has been effective since June 30, 2014

Guidance details



Merck Serono



Sales

Slight organic growth

EBITDA pre

~ €1,750 – 1,830 m

Consumer Health



Sales

Moderate organic growth

EBITDA pre

~ €170 – 180 m

Performance Materials



Sales

Slight organic growth

EBITDA pre

~ €850 – 880 m

Merck Millipore



Sales

Moderate organic growth

EBITDA pre

~ €640 – 670 m

Merck 2014 guidance: ~ €3.3 to €3.4 billion EBITDA pre





Appendix

Additional financial guidance



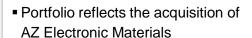
Further financial details						
Merck Group royalty, license and commission income in 2015	~€130 – 150 m					
Corporate & Other EBITDA pre	~€-160 – 190 m					
Underlying tax rate	~23% to 25%					
Capex on PPE and software	~€450 – 500 m					
Hedging / USD assumption	2014 & 2015 hedge rate ~30% at EUR/USD ~1.30 to 1.35					



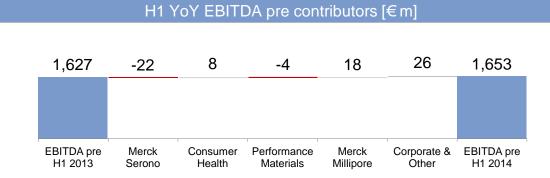
All divisions post organic growth while currency headwinds continue



H1 YoY sales	Organic	Currency	Portfolio	Total
Merck Serono	3.6%	-4.8%	0.0%	-1.2%
Consumer Health	7.1%	-5.8%	0.0%	1.2%
Performance Materials	1.5%	-5.4%	10.4%	6.5%
Merck Millipore	3.8%	-4.9%	-0.4%	-1.5%
Merck Group	3.6%	-5.0%	1.5%	0.1%



Currency headwinds mainly driven by the U.S. dollar



- Merck Millipore contributes with solid organic performance
- Performance Materials faces strong comparables
- Merck Serono affected by loss of Avonex and Enbrel royalty income
- Corporate & Other includes higher hedging gains versus last year

Totals may not add up due to rounding

H1 2014: Stable financials amid royalty income reduction and currency headwinds



[€m]	H1 2013	H1 2014	Δ	H1 2014	
Sales	5,404	5,409	0.1%	 Sales stable as organic growth and portfolio offset negative FX effects 	
EBITDA pre Margin (% of sales)	1,627 30.1%	1,653 30.6%	1.6%	■ EBITDA pre and EPS pre improve on solid organic performance and AZ	
EPS pre [€]	2.19	2.32	5.9%	despite loss of royalty income Operating cash flow burdened by	
Operating cash flow	958	838	-12.5%	higher tax payments Jump in working capital reflects	
[€m]	Dec 31, 2013	June 30, 2014	Δ	consolidation from AZ	
Net financial debt	307	2,220	>100%	 Increase in headcount includes ~1,150 employees from AZ 	
Working capital	2,132	2,434	14.2%		
Employees	38,154	39,230	2.8%		
Net financial debt					

Solid business performance leads to EPS increase



[€m]	H1 2013	H1 2014	Δ	Reported results
EBIT	865	909	5.1%	■ EBIT up on organic growth and lean cost structure, offsetting lower
Financial result	-107	-85	-20.8%	royalties, one-time costs and FX Financial result improves on lower
Profit before tax	758	824	8.8%	interest payments due to bond repayment and CTA* funding • Net income increases on solid H1
Income tax	-172	-191	10.7%	operational performance, partly offset by one-time effects of AZ acquisition
Tax rate (%)	22.8%	23.2%		
Net income	582	628	8.0%	
EPS (€)	1.34	1.45	8.2%	

Contractual Trust Arrangement

Merck Serono: Solid performance supported by all franchises amid royalty income reduction

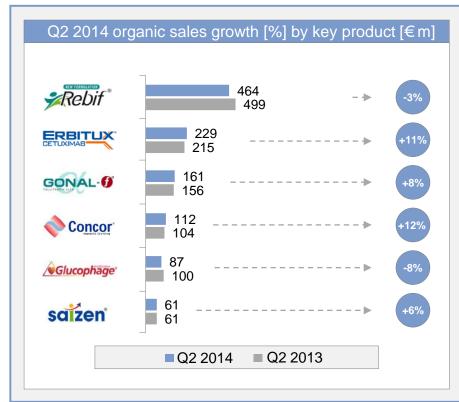


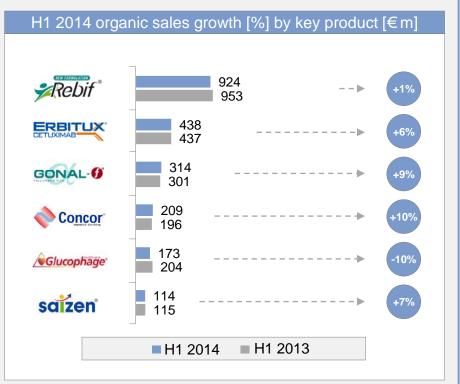
[€m]	H1 2013 [*]	H1 2014	Comments
Sales	2,856	2,821	Organic growth more than offset by adverse currency effects
Marketing and selling	-627	-604	leading to slight reduction in sales
Admin	-100	-108	 Rebif organically stable, as U.S. pricing and Q1 wholesaler restocking overcompensate volume declines due to competition
R&D	-617	-610	■ Erbitux performance driven by growth in Emerging Markets
EBIT	437	476	and support from Japan, partly offset by soft Europe
EBITDA	886	872	 Strong organic growth of fertility business as a result of good demand for entire portfolio especially from China
EBITDA pre	913	890	Marketing and selling benefits from efficiency initiatives
Margin (% of sales)	31.9%	31.5%	■ Lower profitability owing to royalty decline and FX
	Sales bridge		H1 2014 share of group sales
€2,856 m 3.6%	-4.8% 0.0%	€2,821 m	Merck Serono
			52%
H1 2013 Organic	Currency Portfolio	H1 2014	

Restated for product reclassification of Neurobion and Floratil from Merck Serono to Consumer Health

Merck Serono organic growth by product

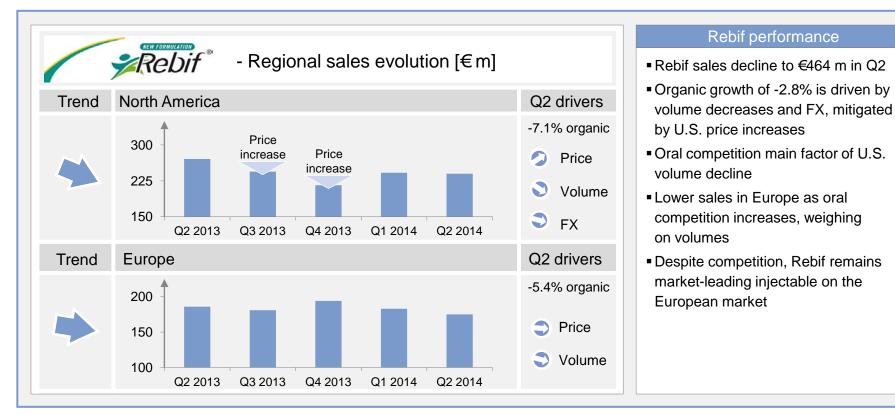






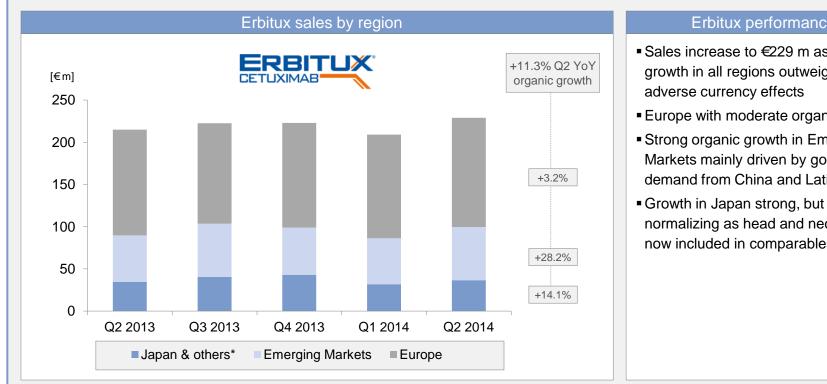
Rebif – defending market leadership in Europe; competitive pressure in the U.S.





Erbitux – Strong in Emerging Markets and Japan





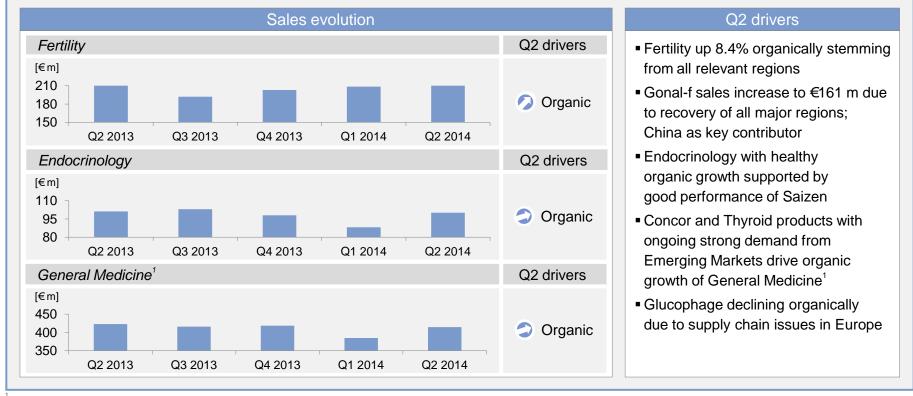
Erbitux performance

- Sales increase to €229 m as organic growth in all regions outweighs adverse currency effects
- Europe with moderate organic growth
- Strong organic growth in Emerging Markets mainly driven by good demand from China and Latin America
- normalizing as head and neck sales now included in comparables

*Australia/Oceania Africa

Strong growth in Fertility while Endocrinology and General Medicine grow more moderately





includes "Cardiometabolic Care & General Medicine and Others"

Merck Serono pipeline



Phase II Phase I ATX-MS-1467 - Immune tolerizing agent Sprifermin -Plovamer acetate (PI-2301) -■ TH-302 - Hypoxia-targeted drug Multiple sclerosis 2nd generation peptide copolymer Fibroblast growth factor 18 Soft tissue sarcoma Multiple sclerosis Osteoarthritis ■ TH-302 - Hypoxia-targeted drug Pimasertib¹ - MEK inhibitor Atacicept -Solid tumors Anti-Blys/anti-APRIL fusion protein Abituzumab (DI17E6) - Anti-integrin mAb Systemic lupus erythematosus MSC 2156119 - C-Met kinase inhibitor ■ Tecemotide (L-BLP25) -Solid tumors MUC1 antigen-specific cancer Pimasertib - MEK inhibitor TH-302 - Hypoxia-targeted drug immunotherapy Melanoma Non-small cell lung cancer Pimasertib³ - MEK inhibitor Sym004 - Anti-EGFR mAbs Pergoveris[®] Sym004 - Anti-EGFR mAbs Neurodegenerative Diseases (follitropin alfa and lutropin alfa) MSC 2363318A - P70S6K & Akt inhibitor Assisted reproductive technology, poor TH-302 - Hypoxia-targeted drug Oncology ovarian responders ■ Beigene-283 - BRAF inhibitor Melanoma Immuno-Oncoloay TH-302 - Hypoxia-targeted drug Kuvan[®] Beigene-290 - PARP inhibitor (Sapropterin dihydrochloride)⁴ Solid tumors Fertility Phenylketonuria in children < 4 years of age Endocrinology ■ MSB 0010445 (NHS-IL2) - MSB 0010718C - Anti-PD-L1 mAb Cancer immunotherapy Solid tumors **Immunology** Melanoma NHS-IL12²- Cancer immunotherapy MSB 0010718C - Anti-PD-L1 mAb Solid tumors In registration Merkel cell skin carcinoma ALX-0761 - Anti-IL-17 nanobody Healthy volunteers

Pipeline as of July 31, 2014: ¹Combined with hDM2 inhibitor (SAR405838) from Sanofi, conducted under the responsibility of Sanofi;

Post-approval request by the European Medicines Agency

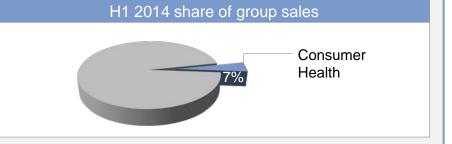
Sponsored by the National Cancer Institute (USA): Combined with PI3K/mTOR inhibitor (SAR245409) from Sanofi, conducted under the responsibility of Merck:

Consumer Health: Focus on strategic brands in Emerging Markets drives performance



[€m]			H1 2013*	H1 2014
Sales			361	365	
Marketing and selling			-141	-138	
Adm	nin			-12	-13
R&E)			-12	-10
EBI	Т			71	74
EBI	TDA			76	78
EBI	TDA pre			75	83
Margin (% of sales)			20.7%	22.6%	
		;	Sales brid	ge	
	€361 m	7.1%	-5.8%	0.0%	€365 m
	H1 2013	Organic	Currency	Portfolio	H1 2014

- Slight increase in sales as good organic growth driven by Emerging Markets is almost offset by FX headwinds
- New strategic brands Neurobion and Floratil drive organic growth mainly from EM supported by customer oriented marketing
- Europe solid, as growth of Femibion is partially offset by soft demand for cough and cold products due to milder winter
- Marketing and selling slightly decreasing, while shift in promotional spending towards strategic brands continues
- Increase in profitability supported by strong organic growth, favorable product mix as well as cost discipline

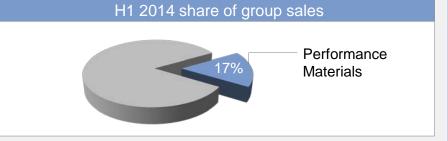


Performance Materials: Solid performance amid high comparables and strong currency headwinds



[€m]			H1 2013	H1 2014
Sales				852	908
Marl	keting and	selling		-72	-78
Adm	nin			-15	-22
R&D)			-70	-75
EBI	Г			343	289
EBI	ΓDA			408	357
EBITDA pre				416	413
Margin (% of sales)				48.8%	45.5%
		;	Sales brid	ge	
	€852 m	1.5%	-5.4%	10.4%	€908 m
			T.		
	H1 2013	Organic	Currency	Portfolio	H1 2014

- Sales increase as slight organic growth and portfolio effects overcompensate for negative FX effects
- LC* organically flat, facing tough comparables due to last year's strong demand and subsidy program for consumers in China
- LC* flagship technologies benefitting from ongoing demand
- Pigments benefits from coating industry demand for Xirallic products
- Cost base reflects portfolio effects from AZ
- EBITDA pre stable, reflecting high comparables, FX headwinds as well as the contribution from AZ

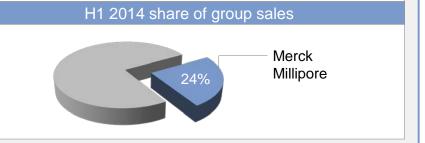


Merck Millipore: Growth in Process Solutions improves profitability



[€m]				H1 2013	H1:	2014
Sales				1,335	1	,315
Mark	eting and	selling		-343		-333
Admi	in			-50		-54
R&D				-81		-78
EBIT				145		162
EBIT	DA			300		314
EBITDA pre			318		335	
Margin (% of sales)			23.8%	28	5.5%	
		;	Sales brid	ge		
:	€1,335 m	3.8%	-4.9%	-0.4%	€1,315 m	
1	H1 2013	Organic	Currency	Portfolio	H1 2014	

- Sales decrease slightly as organic growth is more than offset by FX mainly driven by U.S. dollar and Japanese yen
- Process Solutions growth driven by biopharma demand for filtration and single-use products mainly stemming from EM and Europe
- Bioscience organically flat, as solid demand for cell imaging devices in Q2 mitigates soft U.S. academia demand
- Demand for consumables and water purification solutions in Emerging Markets drive organic growth in Lab Solutions
- Profitability increases due to solid volumes, pricing as well as ongoing cost discipline in marketing and selling



Underlying cash flow strength



[€m]	H1 2013	H1 2014	Δ
Profit after tax	585	633	48
D&A	682	628	-54
Changes in provisions	3	-89	-92
Changes in other assets / liabilities	-131	-215	-84
Other operating activities	-40	-4	36
Changes in working capital	-141	-115	26
Operating cash flow	958	838	-120
Investing cash flow	-592	-134	458
thereof Capex ¹	-157	-142	15
Financing cash flow	-222	-848	-627

Casn	HOW	arivers	

- Higher profit after tax due to sound business performance
- D&A lower as LY included restructuring related-impairment as well as amortization for Avonex intangible
- Changes in provisions contains lower provisions for LTIP² & pensions vs. LY
- Increase in changes in other assets and liabilities is mainly driven by higher tax payments
- Operating cash flow decreases on lower provisions & higher tax payments
- Investing and financing cash flows reflect AZ acquisition

¹Only PPE without intangibles; ²Long Term Incentive Plan Totals may not add up due to rounding

One-time items in Q2 2014



One-time items in EBIT					
[€m]	Q2 20	013	Q2 2014		
	One-time items	thereof D&A	One-time items	thereof D&A	
Merck Serono	1	4	10	3	
Consumer Health	-1	0	2	0	
Performance Materials	4	1	48	0	
Merck Millipore	8	0	15	0	
Corporate & Other	26	0	5	0	
Total	38	5	81	3	

Totals may not add up due to rounding

One-time items in H1 2014



One-time items in EBIT					
[€m]	H1 20	013	H1 2014		
	One-time items	thereof D&A	One-time items	thereof D&A	
Merck Serono	57	30	22	4	
Consumer Health	-1	0	4	0	
Performance Materials	9	1	56	0	
Merck Millipore	18	0	21	0	
Corporate & Other	29	0	16	0	
Total	112	31	119	4	

Totals may not add up due to rounding

Financial calendar



Date	Event
September 18, 2014	Merck Serono: Investor and Analyst Day
November 13, 2014	Q3 2014 Earnings release
March 3, 2015	Q4 2014 Earnings release
April 17, 2015	Annual General Meeting 2015
May 19, 2015	Q1 2015 Earnings release



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