

#### Merck KGaA, Darmstadt, Germany 33<sup>rd</sup> Annual J.P. Morgan Healthcare Conference

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San Francisco, January 12, 2015



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#### **Cautionary Note Regarding Forward-Looking Statements**

This communication may include "forward-looking statements." Statements that include words such as "anticipate," "expect," "should," "intend," "project," "seek," "believe," "will," and other words of similar meaning in connection with future events or future operating or financial performance are often used to identify forward-looking statements. All statements in this communication, other than those relating to historical information or current conditions, are forward-looking statements. We intend these forward-looking statements to be covered by the safe harbor provisions for forward-looking statements in the Private Securities Litigation Reform Act of 1995. These forward-looking statements are subject to a number of risks and uncertainties, many of which are beyond control of Merck KGaA, Darmstadt, Germany, which could cause actual results to differ materially from such statements.

Risks and uncertainties relating to the proposed transaction with Sigma-Aldrich Corporation ("Sigma-Aldrich") include, but are not limited to: the risk that regulatory or other approvals required for the transaction are not obtained or are obtained subject to conditions that are not anticipated; competitive responses to the transaction; litigation relating to the transaction; uncertainty of the expected financial performance of the combined company following completion of the proposed transaction; the ability of Merck KGaA, Darmstadt, Germany, to achieve the cost-savings and synergies contemplated by the proposed transaction within the expected time frame; the ability of Merck KGaA, Darmstadt, Germany, to promptly and effectively integrate the businesses of Sigma-Aldrich and Merck KGaA, Darmstadt, Germany; the effects of the business combination of Merck KGaA, Darmstadt, Germany, and Sigma-Aldrich, including the composed transaction on certain employee benefit plans of Merck KGaA, Darmstadt, Germany, and Sigma-Aldrich; and disruption from the proposed transaction making it more difficult to maintain relationships with customers, employees or suppliers.

Additional risks and uncertainties include, but are not limited to: the risks of more restrictive regulatory requirements regarding drug pricing, reimbursement and approval; the risk of stricter regulations for the manufacture, testing and marketing of products; the risk of destabilization of political systems and the establishment of trade barriers; the risk of a changing marketing environment for multiple sclerosis products in the European Union; the risks of discontinuing development projects and regulatory approval of developed medicines; the risk of a temporary ban on products/production for on-registration of products due to non-compliance with quality standards; the risks of an import ban on products to the United States due to an FDA warning letter; the risks of dependency on suppliers; risks due to product-related and patent law disputes; risks from antitrust law proceedings; risks from drug pricing by the divested Generics Group; risks in human resources; risks from e-crime and cyber attacks; risks due to failure of business-critical information technology applications or to failure of data center capacity; environmental and safety risks; unanticipated contract or regulatory issues; a potential downgrade in the rating of the indebtedness of Merck KGaA, Darmstadt, Germany, or Sigma-Aldrich; downgrade in the caluations; the impact of future regulatory or legislative actions; and the risks and uncertainties detailed by Sigma-Aldrich with respect to its business as described in its reports and documents filed with the U.S. Securities and Exchange Commission (the "SEC").

The foregoing review of important factors should not be construed as exhaustive and should be read in conjunction with the other cautionary statements that are included elsewhere, including the Report on Risks and Opportunities Section of the most recent annual report and quarterly report of Merck KGaA, Darmstadt, Germany, and the Risk Factors section of Sigma-Aldrich's most recent reports on Form 10-Q. Any forward-looking statements made in this communication are qualified in their entirety by these cautionary statements, and there can be no assurance that the actual results or developments anticipated by us will be realized or, even if substantially realized, that they will have the expected consequences to, or effects on, us or our business or operations. Except to the extent required by applicable law, we undertake no obligation to update publicly or revise any forward-looking statement, whether as a result of new information, future developments or otherwise.



### Agenda

#### **The Group**

Strategy update Biopharmaceuticals

New R&D focus

Conclusion

### A balanced portfolio of four divisions





## We have added scale while strengthening the attractiveness of assets in our portfolio

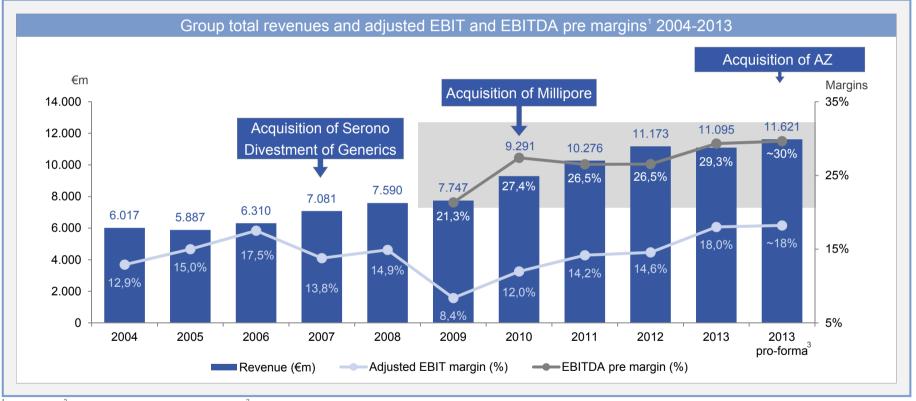
2002 revenues €7 5 bn Transformation volume 2013 revenues €11.6 bn<sup>1</sup> Laboratory Distribution +Life Science Millipore Life Science Products<sup>2</sup> merged Analytics & Reagents + Performance ΑZ Materials €18 bn €7 bn Pigments merged Consumer Health Liquid Crystals Consumer Health — Biopharmaceuticals Serono Acquisitions Divestments  $(\mathbf{+})$ (-)divested acquired

<sup>1</sup>Proforma figure including FY 2013 sales of AZ Electronic Materials acquired as of 2 May 2014, <sup>2</sup>Excluding "Crop Bioscience", which was divested; <sup>3</sup>Excluding "Theramex", which was divested

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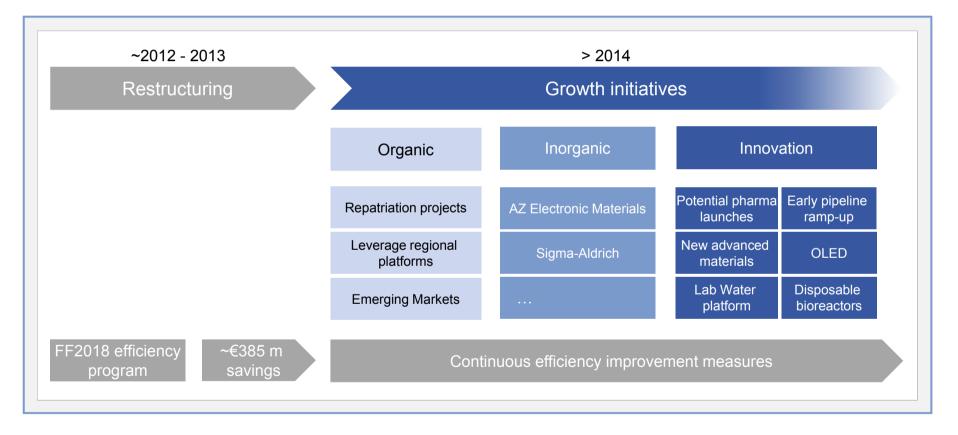
### **Growth initiatives have fundamentally improved profitability**



<sup>1</sup>adjusted EBIT<sup>2</sup>and EBITDA pre divided by total revenues; <sup>2</sup>adjusted EBIT is EBIT less exceptional items (e.g. impairments, integration costs, restructuring costs) <sup>3</sup>Pro-forma calculation based on published FY 2013 results for Merck KGaA, Darmstadt, Germany (including pro-forma AZ); based on 100% expected synergies; including Corporate & Other

### Strategic agenda beyond 2014 – Focus on growth

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### Sigma Aldrich acquisition - a compelling transaction rationale

	<ul> <li>Increasing scale – expanding position in attractive life science industry</li> </ul>		
	Enhancing value for our customers		
Strategic and operational fit	Broadens product range and ease of doing business for Laboratories & Academia		
	Complements Process Solutions product offering		
	Closing the gap in U.S. – adequate presence in all geographies		
	<ul> <li>Leveraging existing platforms for global innovation rollout</li> </ul>		
Financial fit	<ul> <li>Further diversification of revenue stream</li> </ul>		
	<ul> <li>Substantial synergy potential</li> </ul>		
	Immediately accretive to EPS pre* and EBITDA margin		
	<ul> <li>Solid investment grade rating will be maintained</li> </ul>		

\*EPS pre one-time items and amortization, especially from purchase price allocation (PPA)

### **Full-year guidance confirmed**



Group guidance	for 2014, including AZ <sup>1</sup>	
Sales:	~ €11.0 – 11.2 bn	
EBITDA pre:	~ €3.3 – 3.4 bn	
EPS pre <sup>2</sup> :	~ €4.50 – 4.75	

<sup>1</sup>Including AZ Electronic Materials from May to December 2014 <sup>2</sup>Based on number of shares after the share split, which has been effective since June 30, 2014



### Agenda

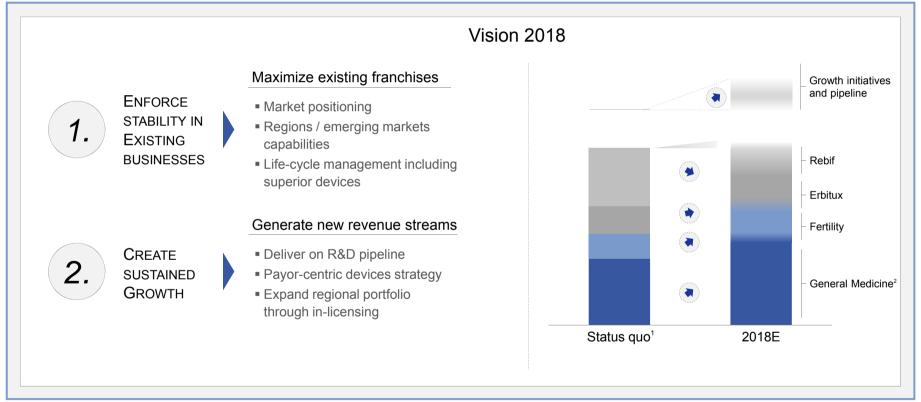
The Group

**Strategy update Biopharmaceuticals** 

New R&D focus

Conclusion

### **Strategic priorities for sustainable success: New revenue streams and maximizing existing franchises**



<sup>1</sup>FY 2013; excludes Allergopharma and Biosimilars; <sup>2</sup>including Cardiometabolic Care, Endocrinology, General Medicine and Others



## The plan to maximize Biopharmaceuticals' core franchises has paid off



Continue to drive front-line mCRC share by increasing patient testing and expanding head and neck coverage



Capitalize on strong efficacy and new smart devices to maximize differentiation and defend franchise



Build on No.1 position and ART<sup>1</sup> channel access with embryo
 diagnostics and other innovative technologies



Harness strengths of existing business and build a new focus area driven by innovative devices and services for patients

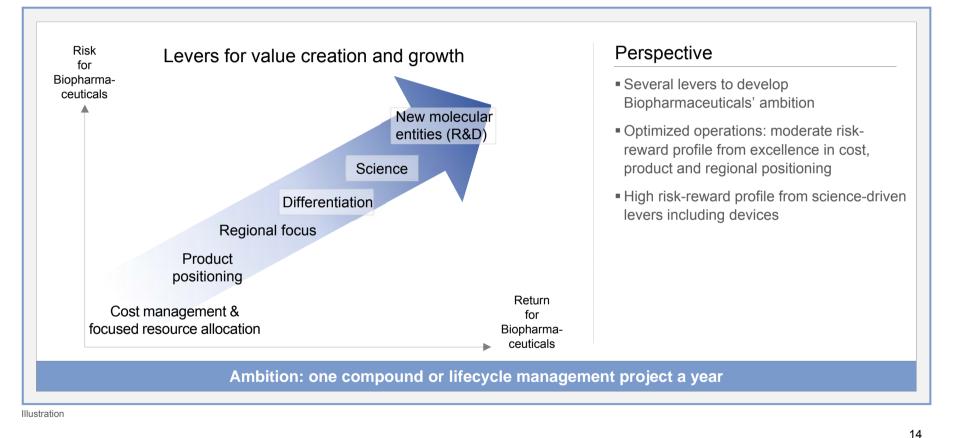
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Build on existing track record in Emerging Markets, drive brand and life-cycle management and expand business including asset repatriation



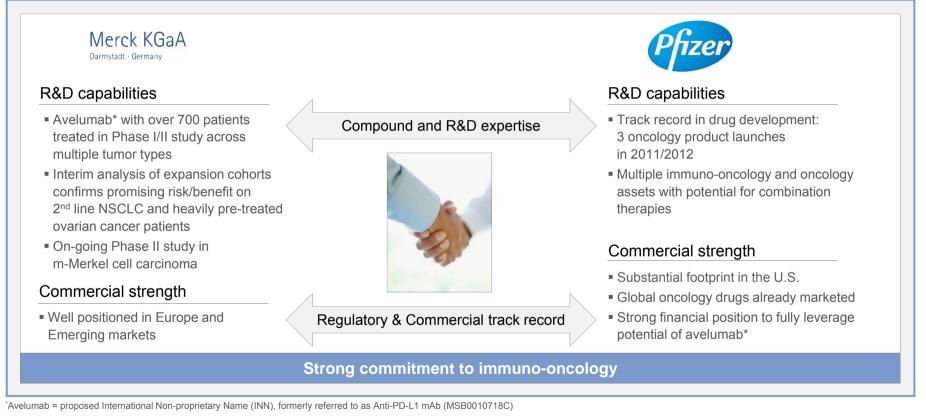
<sup>1</sup>ART = Assisted Reproductive Technology

## **Biopharmaceuticals' goal: Success as a mid-sized specialty pharma player**

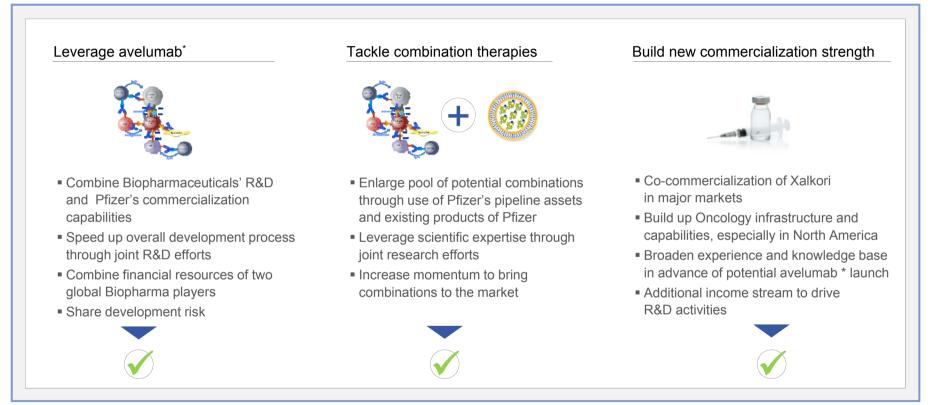




### **Collaboration with Pfizer – two strong players combining forces in oncology**



### Three strategic drivers for collaboration



\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

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### **Financial implications of the deal with Pfizer**



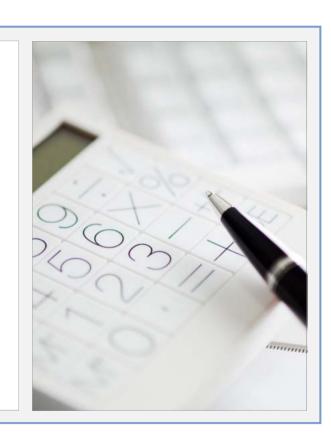
\$850 m upfront cash payment, accrual to be released over several years

~50:50 R&D Cost split for drug development

Milestone payments of up to \$2.0 bn based on filing/approval and commercialization of the compound across various indications & markets

Co-commercialization of Xalkori – 2015 reimbursement for ramping up infrastructure and capabilities; followed by profit sharing agreement

Following regulatory approval, first potential sales of avelumab\*



\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)



### Agenda

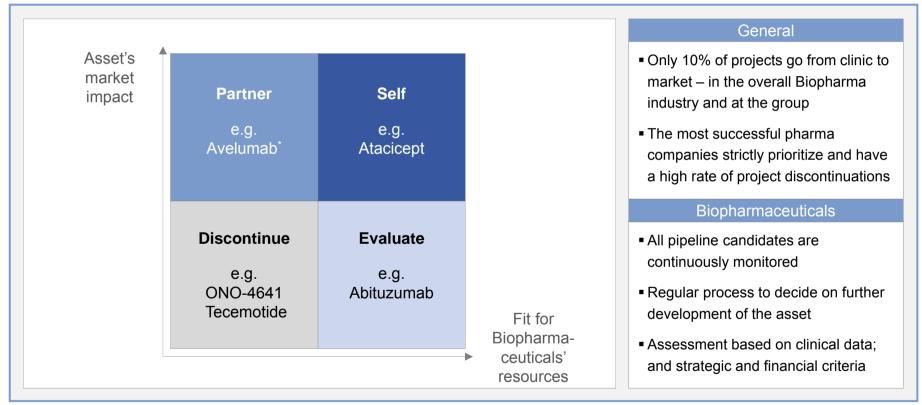
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## Current view on R&D project prioritization in Phase II and III



\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

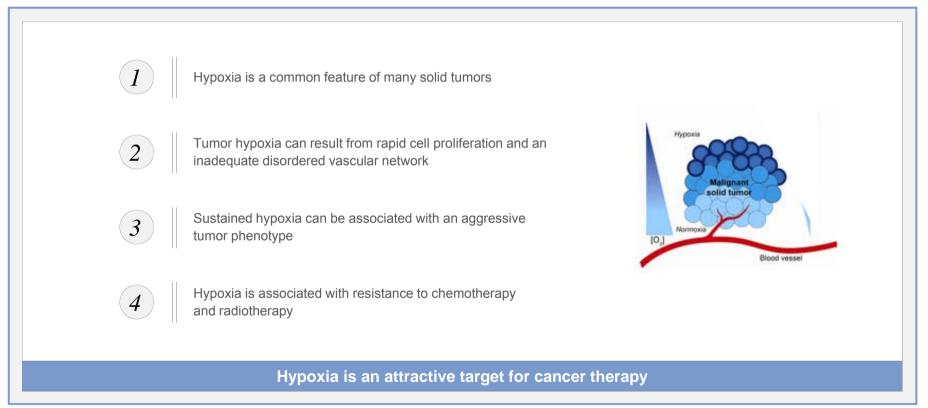
## Commitment to scientific innovation makes a meaningful difference

Immunology & Neurology	Oncology	Immuno-Oncology
Vision	Vision	Vision
Understand disease-led human immunology to build a competitive drug portfolio	Leverage our presence in oncology to deliver the best benefit possible to patients	Transform cancer into a chronic disease
Key projects <sup>∗</sup>	Key projects*	Key projects*
Atacicept     Atacicept     BTK inhibitor	<ul> <li>TH-302</li> <li>c-Met inhibitor</li> <li>p7056K &amp; Akt inhibitor</li> </ul>	<ul> <li>NHS-IL2LT</li> <li>Avelumab*</li> <li>NHS-IL-12</li> </ul>

\*Examples

\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

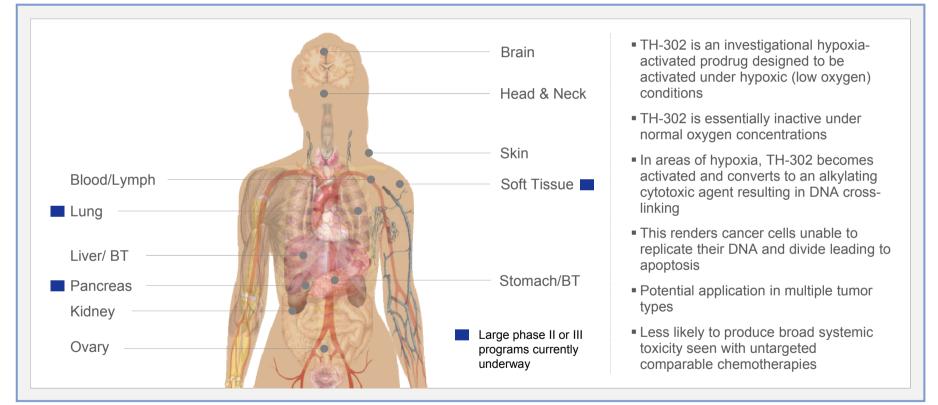
### The role of hypoxia in cancer



Source: Vaupel P, Mayer A. Cancer Metastasis Rev 2007; 26:225-239; Vaupel P, Höckel M, Mayer A. Antioxid Redox Signal. 2007 Aug;9(8):1221-35. Duan JX, et al. J Med Chem. 2008 Apr 24;51(8):2412-20

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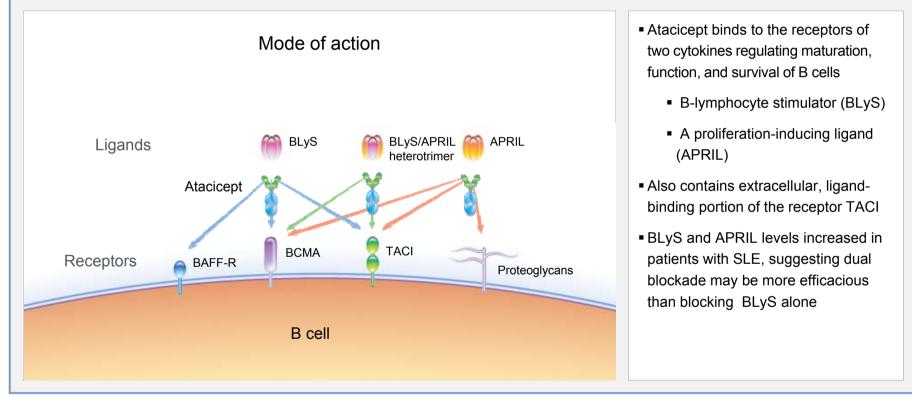
### TH-302: Potential broad application in many tumor types



Source: Vaupel P, Höckel M, Mayer A. Antioxid Redox Signal. 2007 Aug;9(8):1221-35. Duan JX, et al. J Med Chem. 2008 Apr 24;51(8):2412-20

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### **Atacicept targets both BLyS and APRIL**



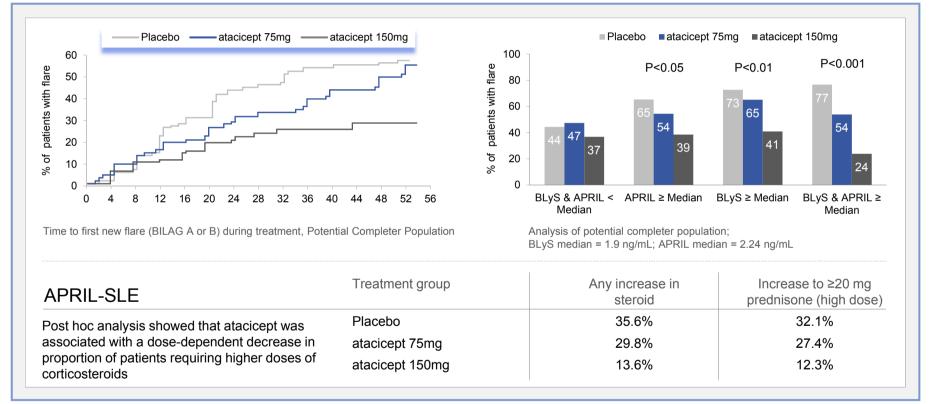
Source: Dillon S, et al. Arthritis Res Ther. 2010. Dillion SR et al, Nature reviews, Drug Discovery, March 2006

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### **APRIL-SLE efficacy: Significantly longer time to first flare and reduced number of flares in 150 mg group**



Source: Isenberg D. et al, Ann Rheum Dis. 2014

## Stringent R&D prioritization of oncology-tilted pipeline to yield first potential results 2016+

#### Focus on bolstering pharma R&D pipeline

- More focused and better prioritized R&D pipeline to yield one compound and lifecycle management initiative every year
- Keep up stringent prioritization process for R&D projects
- Lower R&D pipeline risk via partnering, risk-sharing
- Continuously develop innovation flow with external know-how

#### Focus on optimal product development

- Prepare launch readiness in mature markets
- Improved pipeline structure to yield first potential results from 2016+

Image: transmission of transmi

\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)



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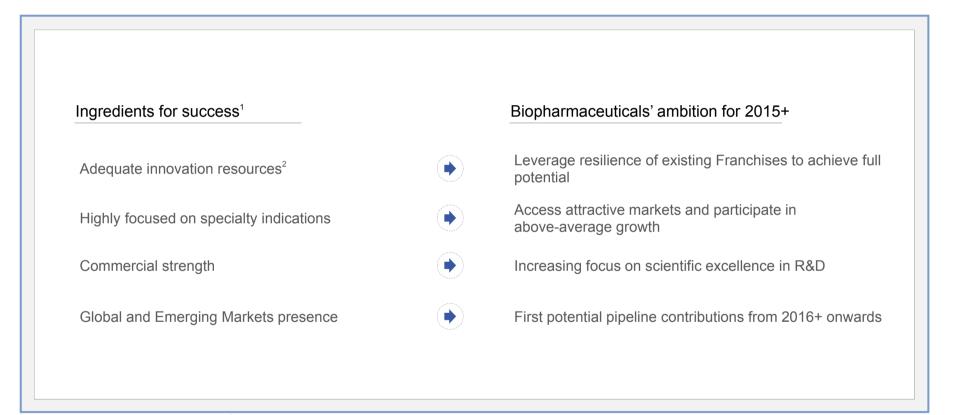
Strategy update Biopharmaceuticals

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### Conclusion





<sup>1</sup>As measured by sales growth, product launches; <sup>2</sup>E.g. mid-sized R&D budget of € 1-1.5 bn

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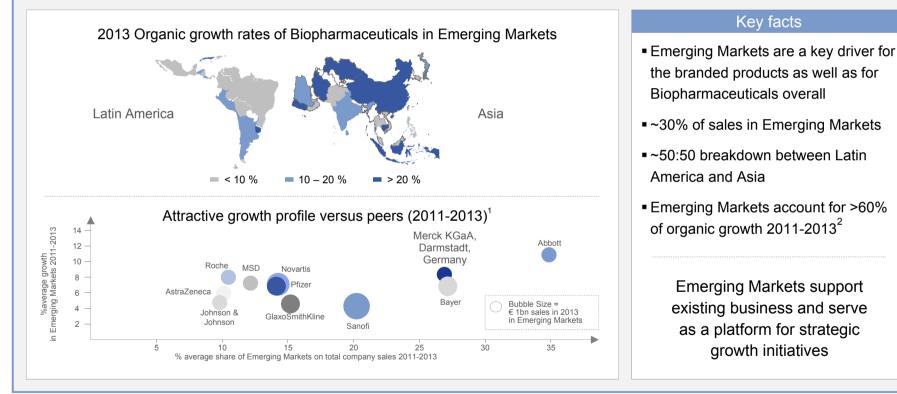


### Appendix

#### Additional divisional information

Financials 9M 2014

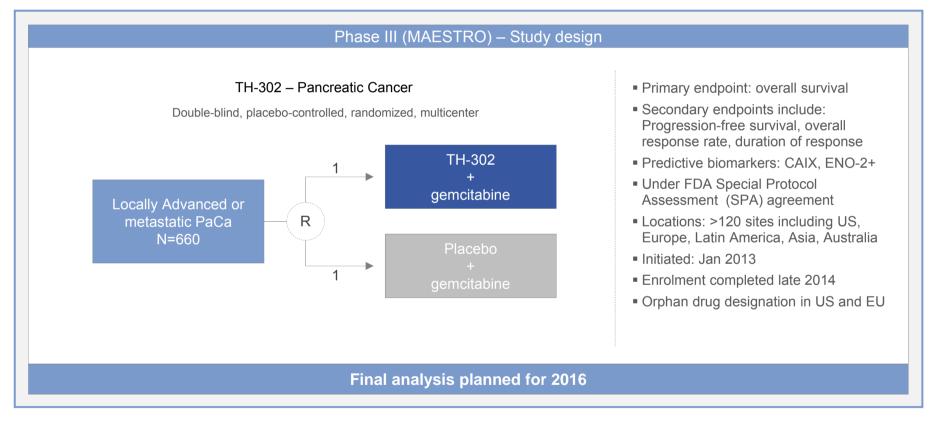
### **Emerging Markets are a key pillar of growth for Biopharmaceuticals**



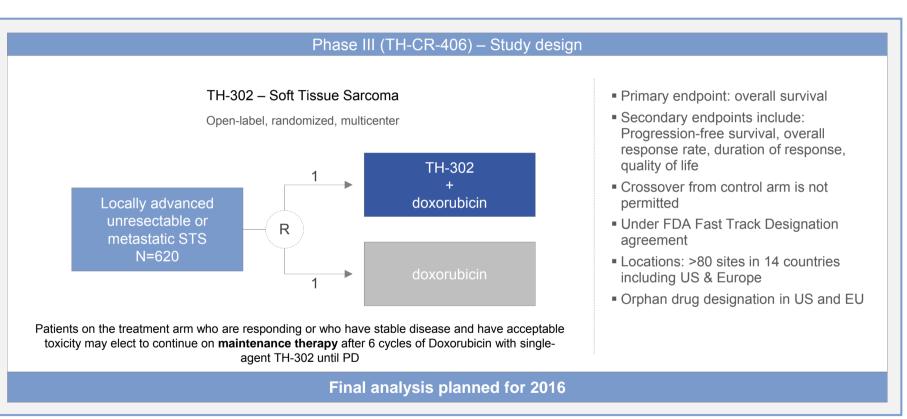
<sup>1</sup>Source: IMS MIDAS, 2012/2013 constant USD; <sup>2</sup>Source: Biopharmaceuticals Note: Size of bubble = € bn sales in Emerging Markets (2013)



### TH-302: Phase III in pancreatic cancer fully enrolled



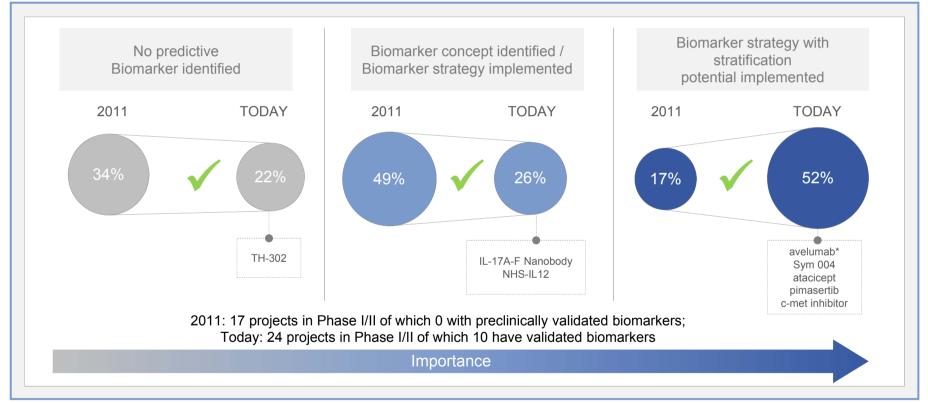
### TH-302: Phase III in STS fully enrolled



PD = progressive disease

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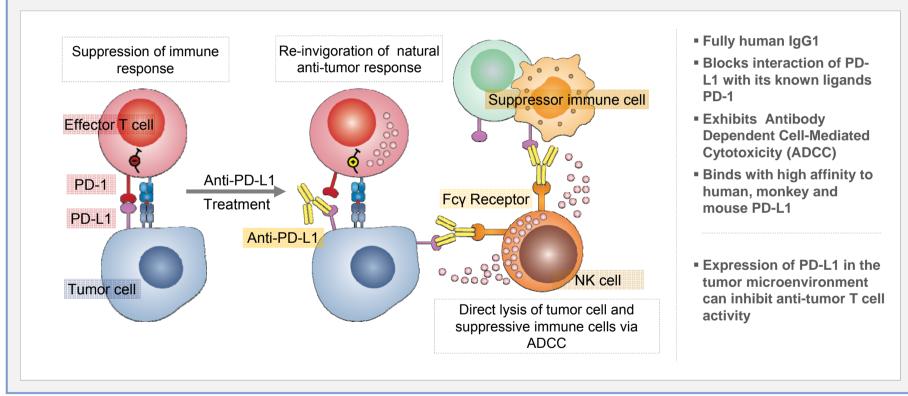
### Implementation of biomarker strategy enables treatment of patients, not diseases



\*% for all projects in phase I/II/III, selected examples provided

\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

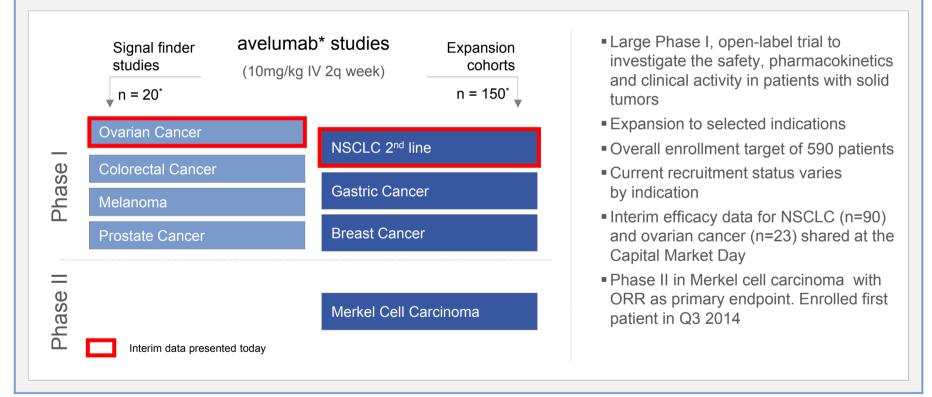
### The targeting principle of PD-1/PD-L1 in the tumor microenvironment



PD = programmed death

### **Current clinical program of avelumab\***

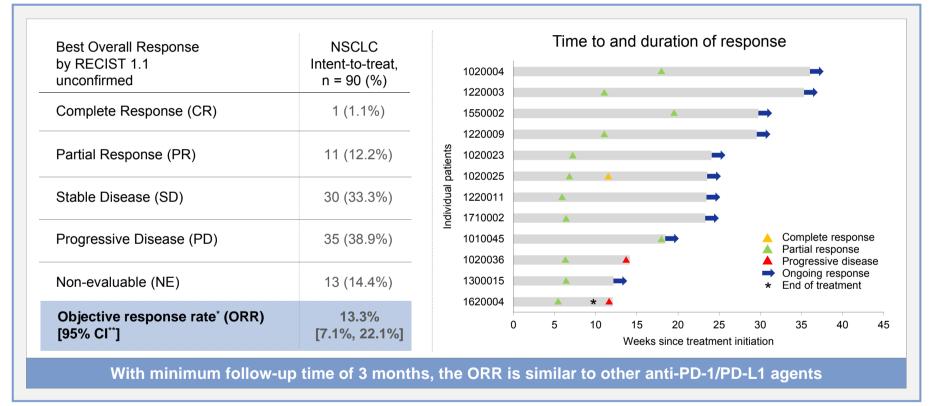




\*enrollment target

\*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

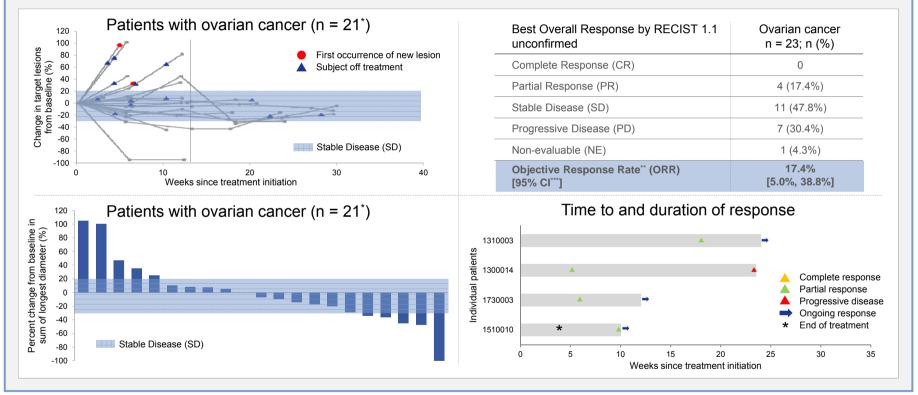
### Phase I efficacy result: Response rates in NSCLC



Data presented at Merck KGaA, Darmstadt, Germany Capital Markets Day, September 18, 2014, and based on an interim analysis \*Response rate per RECIST v1.1 is based on all treated patients. ORR includes both confirmed and unconfirmed responses (CR and PR); \*Confidence interval Merck KGaA

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## Phase I results in ovarian cancer: Tumor shrinkage and duration of response

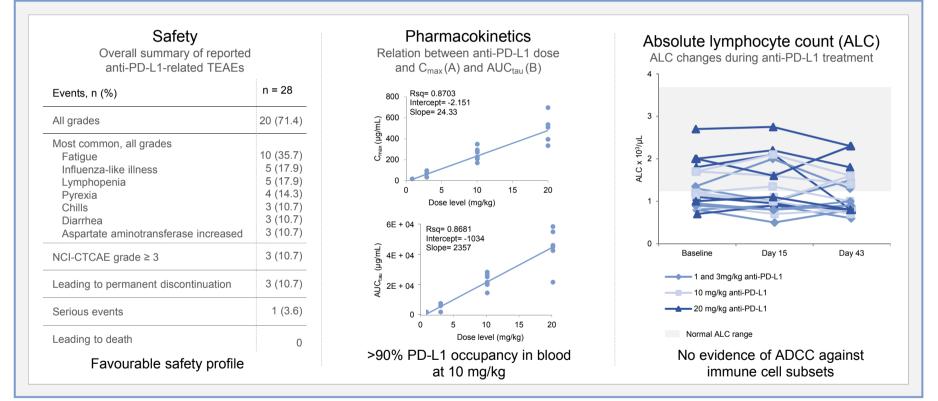


Data presented at Merck KGaA, Darmstadt, Germany Capital Markets Day, September 18, 2014, and based on an interim analysis

"Based on evaluable patients; "Response rate per RECIST v1.1 is based on all treated patients. ORR includes both confirmed and unconfirmed responses (CR and PR); "Confidence interval

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### Avelumab\*: Phase I dose escalation results presented at ASCO 2014



ADCC = Antibody-dependent cell-mediated cytotoxicity; ALC = absolute lymphocyte count; n= number of patients; NCI-CTCAE = National Cancer Institute Common Terminology Criteria for Adverse Events (v 4.0); TEAE= treatment-emergent adverse event; C<sub>max</sub> = maximum concentration; AUC<sub>tau</sub> = area under the concentration-time curve for the dosing period; Rsq= square of the Pearson correlation coefficient \*Avelumab = proposed International Non-proprietary Name (INN), formerly referred to as Anti-PD-L1 mAb (MSB0010718C)

#### **Phase I safety results: Adverse Events**

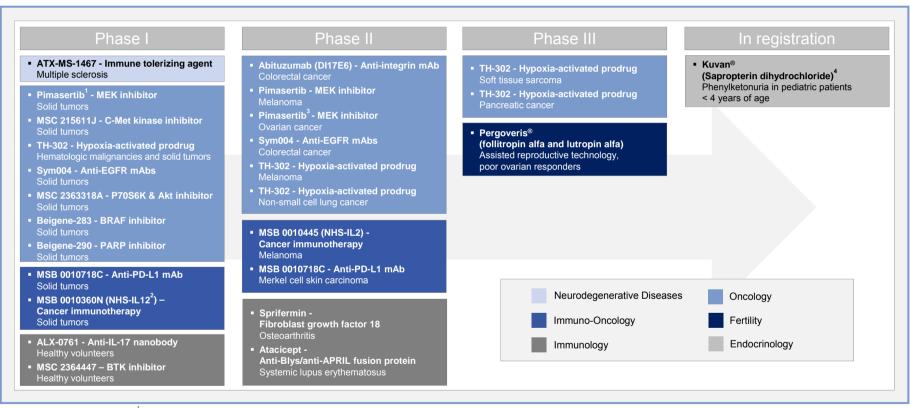
	Pooled expansion cohorts (n = 290) n (%)	NSCLC (n = 127) n (%)	Ovarian cancer (n = 23) n (%)	<ul> <li>Current safety information based on an analysis of 290 subjects (expansion part of study -001)</li> <li>Cut-off date: Jul 16, 2014</li> </ul>
AEs	262 (90.3)	114 (89.8)	23 (100.0)	<ul> <li>Minimum follow-up time: 4 weeks</li> </ul>
Related AEs	198 (68.3)	87 (68.5)	18 (78.3)	
AEs, Grade ≥3	124 (42.8)	55 (43.3)	9 (39.1)	
Related AEs, Grade ≥3	38 (13.1)	17 (13.4)	2 (8.7)	

Data presented at Merck KGaA, Darmstadt, Germany Capital Markets Day, September 18, 2014, and is based on an interim analysis

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#### **Biopharmaceuticals pipeline**

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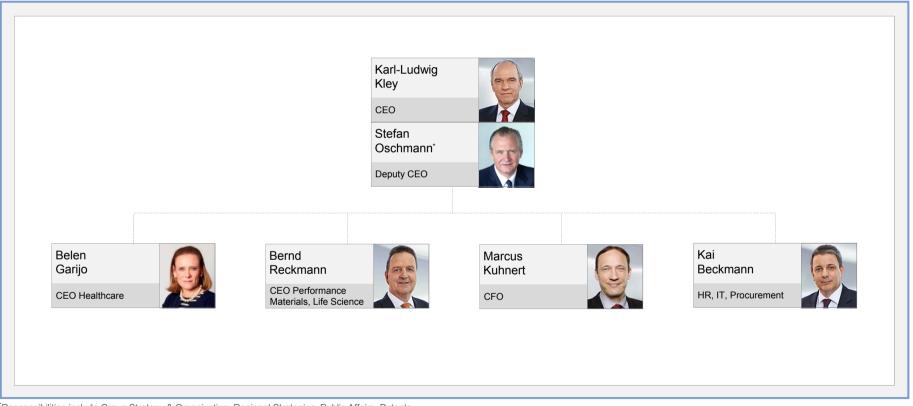


Pipeline as of Oktober 31, 2014; <sup>1</sup>Combined with hDM2 inhibitor (SAR405838) from Sanofi, conducted under the responsibility of Sanofi;

<sup>2</sup>Sponsored by the National Cancer Institute (USA); <sup>3</sup>Combined with PI3K/mTOR inhibitor (SAR245409) from Sanofi, conducted under the responsibility of Merck KGaA, Darmstadt, Germany; <sup>4</sup>Post-approval request by the European Medicines Agency



#### **Executive Board as of January 1, 2015**



<sup>\*</sup>Responsibilities include Group Strategy & Organization, Regional Strategies, Public Affairs, Patents



### Sigma-Aldrich – A leading life science consumables supplier

#### **Business**

- Total revenues of \$2.7 billion in 2013
- ~9,000 employees including ~3,000 scientists and engineers
- Headquartered in St. Louis, MO
- Chemical and biochemical products, kits and services provider to laboratories and pharma production
- No. 1 eCommerce platform in the industry; ~1,600 sales people

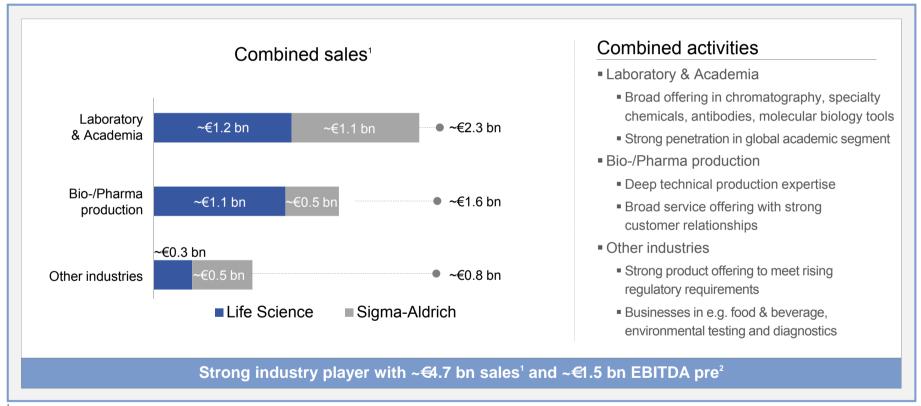
#### Footprint

- Balanced regional exposure; strength in North America
- Operations in ~40 countries; products available in ~160 countries



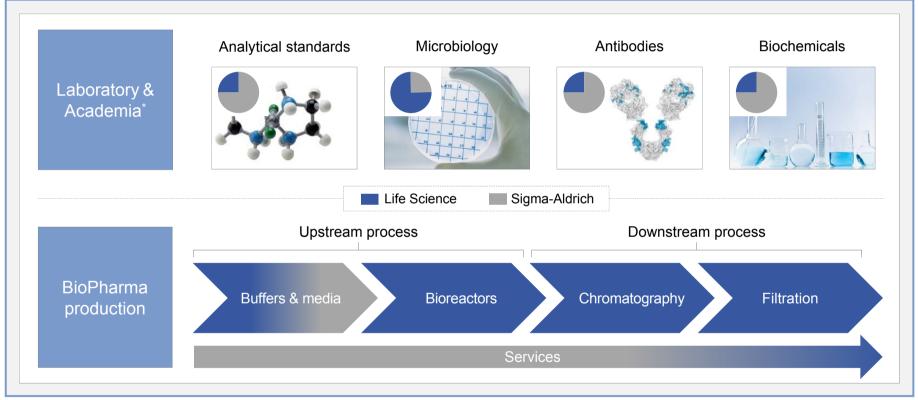
\*Company reports FY 2013

### Turning into a leading life science industry player



<sup>1</sup>Pro-forma calculation based on published sales for FY 2013 for Life Science and Sigma-Aldrich (FX conversion: EUR/USD 1.30); <sup>2</sup>Pro-forma calculation based on 100% expected synergies and published figures for FY 2013 for Life Science and Sigma-Aldrich (FX conversion: EUR/USD 1.30) Merck KGaA

### Broad and complementary product fit in attractive segments



\*Key laboratory and academia areas illustrated

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### Leveraging operational excellence to deliver superior value to customers



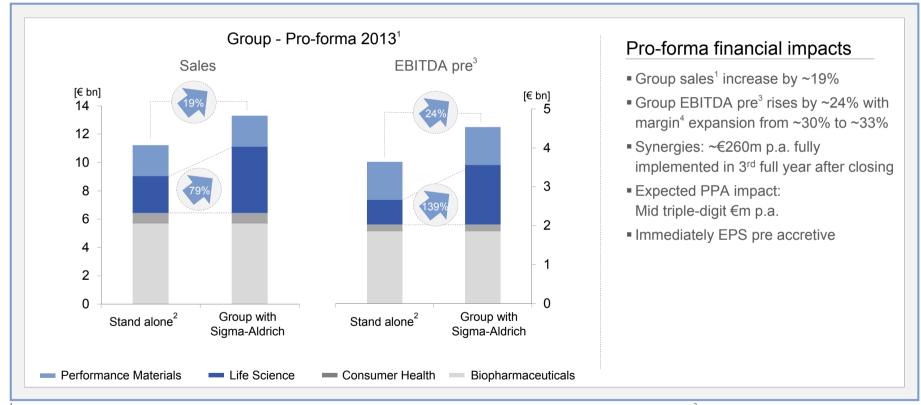
### **Sigma-Aldrich – Business and transaction financials**

Overview of	financial d	ata1		Proposed transactio	n details <sup>2</sup>	
US\$ m	2012	2013	2014E⁴	<ul> <li>Equity value ~US\$17 bn (€13.1 bn)</li> <li>Enterprise value (EV) ~€12.7 bn including net cash ~€3</li> </ul>		
Revenue	2,623	2,704	2,796	<ul> <li>Financing through cash and debt; no equity</li> </ul>		
% YoY at constant FX	+3%	+3%	n.a.	<ul> <li>Assumed synergies: ~€260m</li> <li>In line with core acquisition criteria</li> <li>Immediately accretive to EPS pre</li> </ul>		
EBITDA (adjusted)	809	821	852			
% of sales	31%	30%	30%	<ul> <li>Solid investment grade rating will be maintained</li> </ul>		tained
D&A	136	138	132	Implied forward transact	ion multiples	3
% of sales	5%	5%	5%		2013	2014E <sup>4</sup>
Net financial debt (period end)	-41	-357	-466 <sup>5</sup>	EV/Sales	6.1x	5.9x
No. of shares (diluted, m)	122	121	n.a.	EV/EBITDA EV/EBITDA pro-forma incl. synergies <sup>3</sup>	20.1x 14.3x	19.4x 13.9x

<sup>1</sup>Source: Company reports; <sup>2</sup>FX conversion: EUR/USD 1.30; <sup>3</sup>"Pro-forma" calculation based on 100% expected synergies; <sup>4</sup>Median consensus estimates from latest broker reports; <sup>5</sup>Last reported as per H1 2014 report (June 30, 2014)

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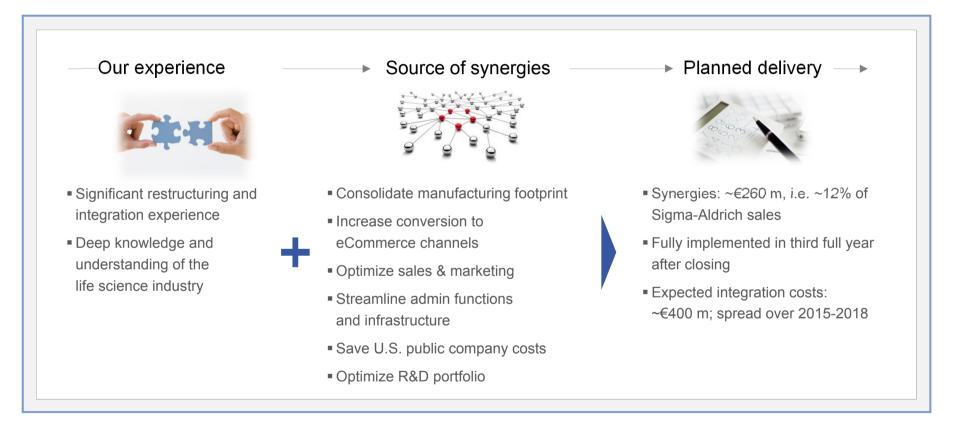
#### **Transaction enhances our financial profile**



<sup>1</sup>Pro-forma calculation based on published sales for FY 2013 for Merck KGaA, Darmstadt, Germany (including pro-forma AZ Electronic Materials) and Sigma-Aldrich; <sup>2</sup>Pro-forma calculation based on published sales for FY 2013 for Merck KGaA, Darmstadt, Germany (including pro-forma Calculation based on 100% expected synergies; excluding Corporate & Other; <sup>4</sup>Including Corporate & Other;

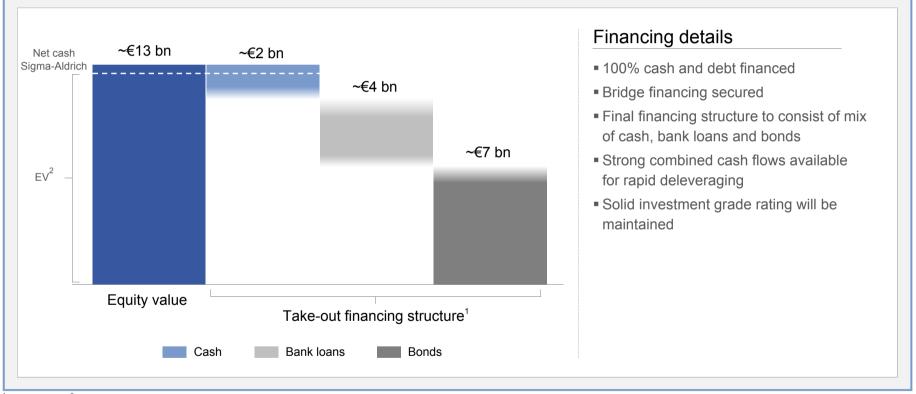
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#### Support from meaningful synergies



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#### Sigma-Aldrich acquisition – Financing secured



<sup>1</sup>Indicative only; <sup>2</sup>Enterprise value

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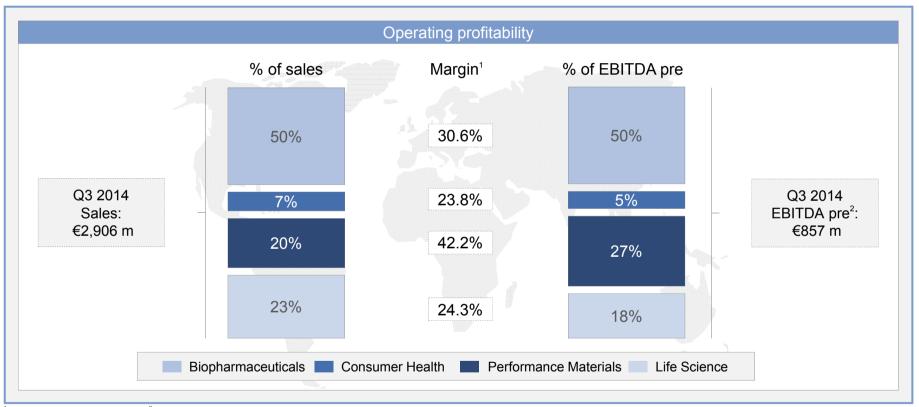


### Appendix

Additional divisional information

Financials 9M 2014

#### Strong businesses with attractive margins

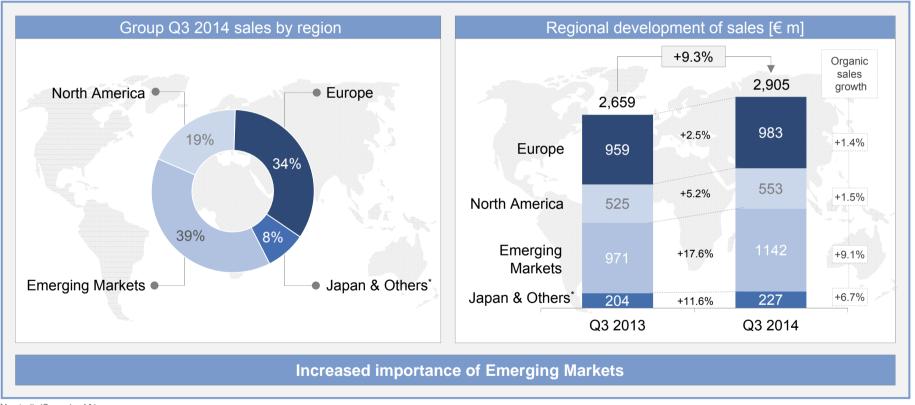


<sup>1</sup>EBITDA pre margin in % of sales; <sup>2</sup>Including Corporate/Others (-€44.1 m) Totals may not add up due to rounding

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#### **Growth across all regions**



\*Australia/Oceania, Africa Totals may not add up due to rounding

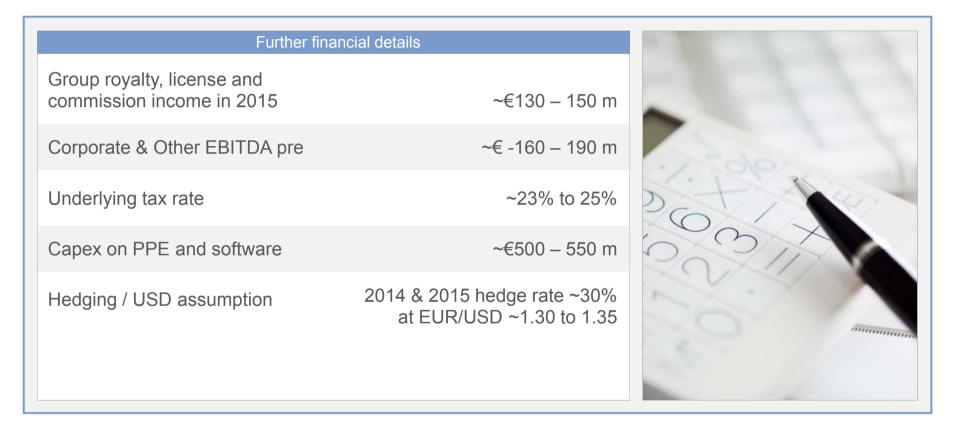
#### **Guidance details**



<sup>\*</sup>Including AZ Electronic Materials from May to December 2014

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#### **Additional financial guidance**



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### All divisions post organic growth, currency headwinds soften

9M YoY sales	Orga	anic (	Currency	Portfolio	o Total	<ul> <li>Portfolio reflects the acquisition of</li> </ul>
Biopharmaceuticals	3.9	9%	-3.5%	0.0%	0.4%	
Consumer Health	5.0	)%	-3.7%	0.0%	1.3%	<ul> <li>Currency headwinds mainly driven</li> <li>by the U.S. dollar in H1</li> </ul>
Performance Materials	3.3	3%	-3.7%	18.3%	17.99	
Life Science	4.1	%	-3.3%	-0.6%	0.1%	ó
The Group	3.9	)%	-3.5%	2.7%	3.1%	6
9M <sup>-</sup>	YoY EBITE	DA pre co	ntributors	[€ m]		Performance Materials includes AZ
2,458 -41	-2	+43	+21	+31	2,509	<ul> <li>Life Science contributes with solid organic performance</li> </ul>
						<ul> <li>Biopharmaceuticals affected by loss of royalty income (Avonex, Enbrel, Humira)</li> </ul>
EBITDA pre Biopharma- 9M 2013 ceuticals	Consumer Health	Performance Materials	Life Science	Corporate & Other	EBITDA pre 9M 2014	<ul> <li>Corporate &amp; Other includes higher hedging gains versus last year</li> </ul>

Totals may not add up due to rounding

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### 9M 2014: Stable financials amid royalty income reduction and currency headwinds

€ m]	9M 2013	9M 2014	Δ	9M 2014
Sales	8,064	8,315	3.1%	<ul> <li>Sales increase as organic growth a portfolio offset negative FX effects</li> </ul>
EBITDA pre Margin (% of sales)	<b>2,458</b> 30.5%	<b>2,509</b> 30.2%	2.1%	<ul> <li>EBITDA pre and EPS pre improve solid organic performance and AZ despite loss of royalty income</li> <li>Operating cash flow burdened by lower royalties and higher tax paym</li> <li>Jump in working capital reflects consolidation of AZ</li> <li>Increase in headcount includes employees from AZ</li> </ul>
EPS pre [€]	3.33	3.46	3.9%	
Operating cash flow	1,785	1,564	-12.4%	
[€ m]	Dec 31, 2013	Sept. 30, 2014	Δ	
Net financial debt	307	1,521	>100%	
Working capital	2,132	2,554	19.8%	
Employees	38,154	39,355	3.1%	
Net financial o	debt increases on AZ	acquisition		



### **Reported figures impacted by lower royalties and acquisition effects**

[€ m]	9M 2013	9M 2014	Δ	Reported results
EBIT	1,347	1,338	-0.6%	<ul> <li>EBIT flat as organic growth and leaner cost structure are offset by</li> </ul>
Financial result	-159	-142	-10.6%	<ul> <li>Iower royalties, one-time items &amp; FX</li> <li>Financial result improves on lower interest payments due to bond</li> </ul>
Profit before tax	1,188	1,196	0.7%	<ul> <li>Tax rate impacted by Q3 solely</li> </ul>
Income tax	-260	-313	20.5%	<ul> <li>Tax rate impacted by Q3 solery tax-relevant gain from sale of Sigma financing derivatives</li> <li>Reduction in net income and EPS driven by higher income tax</li> </ul>
Tax rate (%)	21.9%	26.2%		
Net income	922	877	-4.8%	
EPS (€)	2.12	2.02	-4.7%	

<sup>\*</sup>Contractual Trust Arrangement

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#### **Biopharmaceuticals: Solid performance supported** by all franchises amid royalty income reduction

[€ m]	9M 2013*	9M 2014	Comments
Sales	4,269	4,286	<ul> <li>Organic growth partially offset by adverse currency effects</li> </ul>
Marketing and selling	-1,365	-1,322	<ul> <li>Rebif organically stable, as U.S. pricing and Q1 wholesaler</li> </ul>
Admin	-149	-164	<ul> <li>restocking overcompensate volume declines due to orals</li> <li>Solid Erbitux performance driven by growth in Emerging Markets</li> </ul>
R&D	-913	-1,020	and support from Japan, while Europe is flat
EBIT	677	712	<ul> <li>Strong organic growth of fertility business as a result of good</li> </ul>
EBITDA	1,332	1,308	<ul> <li>demand for entire portfolio especially from China</li> <li>Marketing and selling benefits from efficiency initiatives</li> </ul>
EBITDA pre	1,380	1,339	<ul> <li>R&amp;D reflects pipeline prioritization initiatives</li> </ul>
Margin (% of sales)	32.3%	31.2%	<ul> <li>Lower profitability owing to royalty decline and FX</li> </ul>
Sa	es bridge		9M 2014 share of group sales
€4,269 m 3.9%	- <u>3.5%</u> 0.0% €4	I,286 m	51% Biopharma- ceuticals
9M 2013 Organic C	urrency Portfolio 9	M 2014	

\*Restated for product reclassification of Neurobion and Floratil from Biopharmaceuticals to Consumer Health

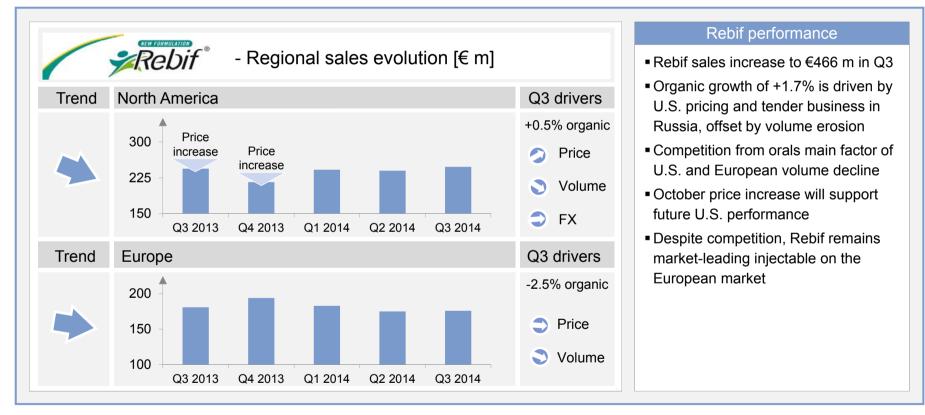
#### **Biopharmaceuticals organic growth by product**

Q3 2014 organic sales growth [%] by key product [€ m] 9M 2014 organic sales growth [%] by key product [€ m] Rebif Rebif 1.389 466 460 1.413 232 670 +6% 223 659 147 461 GONAL-0 GONAL-+7% +9% 137 438 117 326 Concor Concor +18% 296 100 104 276 Glucophage Glucophage +6% 302 98 60 174 saizen saizen 175 61 Q3 2013 Q3 2014 ■9M 2014 9M 2013

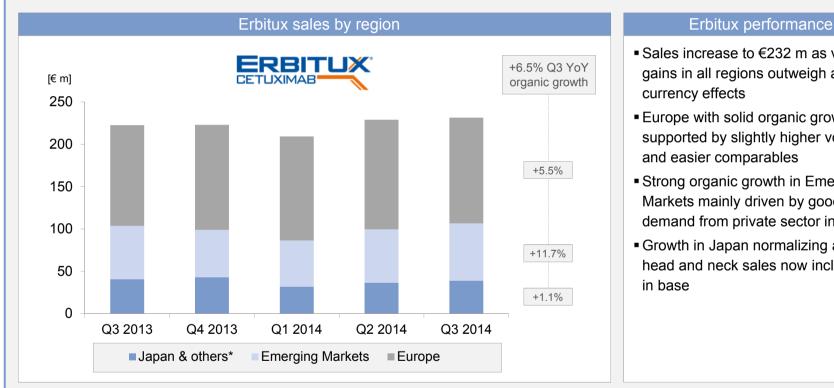
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# Rebif – defending market leadership in Europe; competitive pressure in the U.S.



#### **Erbitux – strong in Emerging Markets**



- Sales increase to €232 m as volume gains in all regions outweigh adverse
- Europe with solid organic growth supported by slightly higher volumes
- Strong organic growth in Emerging Markets mainly driven by good demand from private sector in Brazil
- Growth in Japan normalizing as head and neck sales now included

\*Australia/Oceania. Africa

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#### **Strong growth in Fertility and General Medicine**

Sales evolution Q3 drivers Q3 drivers Fertility Gonal-f sales increase to €147 m with 7.5% organic growth driven by [€ m] 210 all regions Organic 180 Endocrinology with slight organic 150 Q3 2013 Q4 2013 Q1 2014 Q2 2014 Q3 2014 Concor and Thyroid products see Q3 drivers Endocrinology [€ m] 110 3 Organic 95 80 Q3 2013 Q4 2013 Q1 2014 Q2 2014 Q3 2014 General Medicine<sup>1</sup> Q3 drivers [€ m] 450 Organic 400 350 Q3 2013 Q4 2013 Q1 2014 Q2 2014 Q3 2014

- decrease amid a high base last year
- ongoing good demand from EM<sup>2</sup> drive organic growth of General Medicine<sup>1</sup>
- Glucophage growing organically due to healthy demand from EM<sup>2</sup>, partially offset by supply chain issues in Europe

<sup>1</sup>includes "Cardiometabolic Care & General Medicine and Others"; <sup>2</sup>Emerging Markets

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

[€ m]	9M 2013*	9M 2014	Comments		
Sales	562	569	<ul> <li>Slight increase in sales as good organic growth driven by</li> </ul>		
Marketing and selling	-215	-217	Emerging Markets is almost offset by FX headwinds		
Admin	-18	-20	<ul> <li>New strategic brands Neurobion and Floratil drive organic growth mainly from EM supported by consumer oriented marketing</li> </ul>		
R&D	-17	-15	<ul> <li>Europe solid, as demand for Femibion and some local brand</li> </ul>		
EBIT	126	116	partially offset by soft demand for cough and cold products		
EBITDA	133	123	<ul> <li>Marketing and selling slightly increasing, while shift in promotional spending towards strategic brands continues</li> </ul>		
EBITDA pre	133	131	<ul> <li>Slight decrease in profitability due to investments in marketing and</li> </ul>		
Margin (% of sales)	23.7%	23.1%	selling as well as higher cost of sales		
Sal	es bridge		9M 2014 share of group sales		
€562 m 5.0% -	3.7% 0.0%	€569 m	Consumer		
			Health		
9M 2013 Organic C	urrency Portfolio	9M 2014			

<sup>\*</sup>Restated for product reclassification of Neurobion and Floratil from Pharma to Consumer Health

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

[€ m]	9M 2013	9M 2014	Comments		
Sales	1,259	1,484	<ul> <li>Sales increase as moderate organic growth and portfolio char</li> </ul>		
Marketing and selling	-117	-129	overcompensate for negative FX effects		
Admin	-22	-41	<ul> <li>Liquid Crystals with moderate organic growth; last year supported by subsidy program for consumers in China until May 2013</li> </ul>		
R&D	-107	-120	Liquid Crystals flagship technologies see ongoing good demand		
EBIT	519	441	<ul> <li>Pigments benefits from coating industry demand for Xirallic products</li> </ul>		
EBITDA	611	574	Cost base reflects portfolio effects from AZ		
EBITDA pre	613	656	<ul> <li>EBITDA pre increase contains organic growth and contribution from AZ; margin reflects inclusion of AZ</li> </ul>		
Margin (% of sales)	48.7%	44.2%			
ç	Sales bridge		9M 2014 share of group sales		
€1,259 m 3.3%	-3.7% 18.3%	€1,484 m	Performance		
			18% Materials		
9M 2013 Organic	Currency Portfolio	9M 2014			

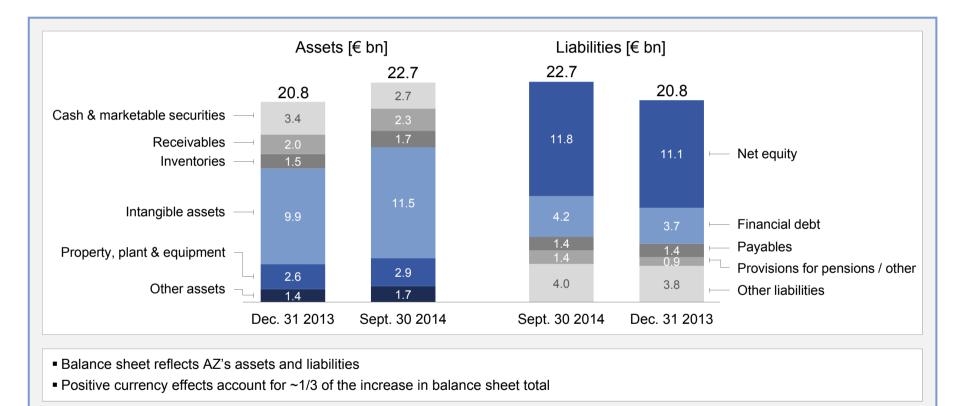
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# Life Science: Growth in Process Solutions improves profitability

[€ m]	9M 2013	9M 2014	Comments
Sales	1,974	1,976	Sales stable as organic growth is offset by FX mainly driven by
Marketing and selling	-629	-613	U.S. dollar and Japanese yen as well as DDS <sup>*</sup> divesture
Admin	-75	-81	<ul> <li>Process Solutions growth driven by biopharma demand for filtration and single-use products mainly stemming from EM and Europe</li> </ul>
R&D	-121	-119	<ul> <li>Bioscience organically flat, as solid demand for cell culture and</li> </ul>
EBIT	211	234	analysis systems mitigates soft U.S. academia demand
EBITDA	444	464	<ul> <li>Demand for consumables and water purification solutions in Emerging Markets drives organic growth in Lab Solutions</li> </ul>
EBITDA pre	475	496	Profitability increases due to solid volumes and pricing as well as
Margin (% of sales)	24.1%	25.1%	ongoing cost discipline in marketing and selling
S	ales bridge		9M 2014 share of group sales
€1,974 m 4.1%	-3.3% -0.6%	€1,976 m	Life
			24% Science
9M 2013 Organic	Currency Portfolio	9M 2014	

Discovery and Development Solutions

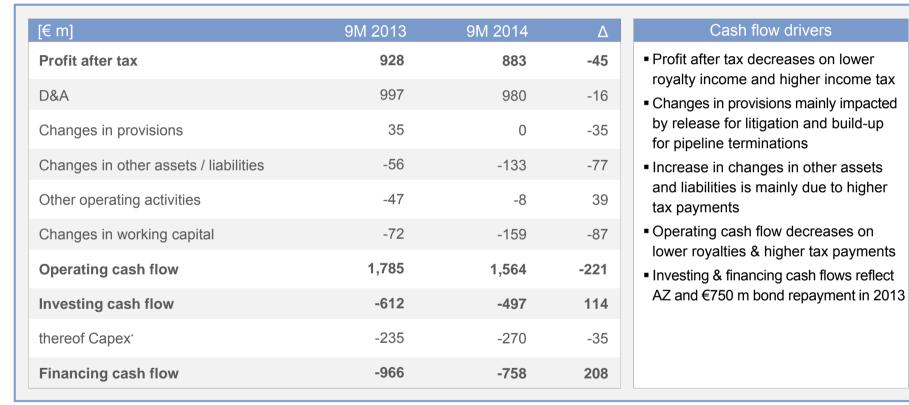
#### **Balance sheet: Financial strength**



Totals may not add up due to rounding

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#### **Underlying cash flow strength**



\*Only PPE, not including software Totals may not add up due to rounding



#### **One-time items in 9M 2014**

One-time items in EBIT [€ m] 9M 2013 9M 2014 One-time items thereof D&A One-time items thereof D&A Biopharmaceuticals 93 45 34 4 **Consumer Health** 0 0 8 0 3 81 **Performance Materials** 1 0 Life Science 31 0 32 0 Corporate & Other 42 34 0 4 Total 161 8 46 198

Totals may not add up due to rounding

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### **Financial calendar**

Date	Event	16
March 03, 2015	Q4 2014 Earnings release	
April 17, 2015	Annual General Meeting 2015	24 17
May 19, 2015	Q1 2015 Earnings release	
August 06, 2015	Q2 2015 Earnings release	SO SS CONTRACTOR
November 12, 2015	Q3 2015 Earnings release	The second secon

#### **Investor Relations contact details**



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