

Equities

6 January 2011 | 8 pages

Ranbaxy (RANB.BO)

Buy: Model Update; Incorporating Aricept Launch

- Incorporating *Aricept*; TP Unchanged at Rs700 We add generic Aricept to our CY10/11 estimates, following the recent launch with exclusivity. We expect it to add cUS\$210m & cRs11/sh sales & EPS during the excl period. TP is unchanged, as this was included in Ranbaxy's FTF pipeline value. We now value the core biz at Rs545/sh (Rs535 earlier) & FTF pipeline at Rs155/sh (Rs165 earlier).
- Reasonable Start One month post launch, Ranbaxy has c24% share in generic *Aricept*, with the AG (Greenstone) taking 52%. We expect Ranbaxy's share to gradually increase and build in sales & net profit of cUS\$210m & cUS\$110m (cRs11/sh) from *Aricept* in our estimates spread across CY10 & CY11. Our core biz EPS estimates remain largely unchanged.
- A Rich FTF Pipeline Besides the *Aricept* launch, *Nexium* API supplies to Astra have started & formulations supplies would commence in mid-CY11. *Lipitor* & *Caduet* launches are scheduled in Nov '11, *Actos* in Aug '12, *Valcyte* in Mar '13 & *Nexium* (exclusivity) in May '14. It has other potential FTF oppys (product names not yet in public domain) if successfully launched, these would not only boost cash flows but also provide Ranbaxy significant traction with trade in the US.
- All Eyes on Lipitor We expect investor attention to now be focused primarily on Ranbaxy's ability to launch generic *Lipitor* (Nov '11) linked to progress in resolving the US FDA issues at its plants besides trends in core biz. Though Ranbaxy will retain exclusivity even if approval is delayed, an on-time launch is critical, as we expect the AG (Watson) to launch in Nov '11. We remain confident that Ranbaxy will be able to monetize the opportunity in some form.
- Valuation We now value Ranbaxy's FTF pipeline at Rs155/sh (Rs165/sh earlier), as we take out the Aricept exclusivity valuation post launch. We now value the core biz at Rs545/sh (Rs535/sh earlier), based on 2.4x March '12E sales higher, primarily due to cash generated from the *Aricept* launch.

- Company Update
- Estimate Change

Buy/Medium Risk	1M
Price (06 Jan 11)	Rs602.30
Target price	Rs700.00
Expected share price return	16.2%
Expected dividend yield	1.4%
Expected total return	17.6%
Market Cap	Rs253,593M
	US\$5,595M

Price Performance (RIC: RANB.BO, BB: RBXY IN)



Otalistical Abstract									
Year to	Net Profit	Diluted EPS	EPS growth	P/E	P/B	ROE	Yield		
31 Dec	(RsM)	(Rs)	(%)	(x)	(x)	(%)	(%)		
2008A	3,448	8.20	-30.8	73.4	5.9	9.7	0.0		
2009A	-1,076	-2.56	-131.2	nm	5.8	-2.5	0.0		
2010E	4,437	10.55	512.2	57.1	4.3	8.7	1.4		

114.9

43 2

Source: Powered by dataCentral

9,533

13.651

22.68

32 47

2011E

2012E

Statistical Abstract

Prashant Nair, CFA +91-22-6631-9855

prashant.nair@citi.com

Anshuman Gupta

+91-22-6631-9873 anshuman.gupta@citi.com

See Appendix A-1 for Analyst Certification, Important Disclosures and non-US research analyst disclosures.

26.6

18.5

Citi Investment Research & Analysis is a division of Citigroup Global Markets Inc. (the "Firm"), which does and seeks to do business with companies covered in its research reports. As a result, investors should be aware that the Firm may have a conflict of interest that could affect the objectivity of this report. Investors should consider this report as only a single factor in making their investment decision.

2.4

1.8

11.7

11.3

1.4

1.4

Fiscal year end 31-Dec	2008	2009	2010E	2011E	2012E
Valuation Ratios					
P/E adjusted (x)	73.4	nm	57.1	26.6	18.5
EV/EBITDA adjusted (x)	46.5	65.4	31.6	19.5	12.8
P/BV (x)	5.9	5.8	4.3	2.4	1.8
Dividend yield (%)	0.0	0.0	1.4	1.4	1.4
Per Share Data (Rs)					
EPS adjusted	8.20	-2.56	10.55	22.68	32.47
EPS reported	-28.11	7.13	48.96	115.37	89.64
BVPS	102.20	103.31	140.20	247.07	328.21
DPS	0.00	0.00	8.50	8.50	8.50
Profit & Loss (RsM)					
Net sales	68,469	75,970	96,170	148,613	137,786
Operating expenses	-68,303	-71,522	-76,460	-91,528	-95,889
EBIT	166	4,448	19,710	57,085	41,897
Net interest expense	-2,055	-710	-601	-238	220
Non-operating/exceptionals	-15,494	4,146	6,808	3,968	5,180
Pre-tax profit	-17,383	7,883	25,917	60,815	47,297
Tax	5,651	-4,777	-5,183	-12,163	-9,459
Extraord./Min.Int./Pref.div.	-84	-109	-150	-150	-150
Reported net income	-11,816	2,997	20,583	48,502	37,688
Adjusted earnings	3,448	-1,076	4,437	9,533	13,651
Adjusted EBITDA	5,980	4,133	8,246	11,648	15,206
Growth Rates (%)					
Sales	-1.9	11.0	26.6	54.5	-7.3
EBIT adjusted	-49.3	-58.7	240.7	68.8	41.5
EBITDA adjusted	-40.7	-30.9	99.5	41.2	30.6
EPS adjusted	-30.8	-131.2	512.2	114.9	43.2
Cash Flow (RsM)					
Operating cash flow	-10,700	15,369	37,296	53,525	36,558
Depreciation/amortization	2,452	2,676	3,284	3,273	3,355
Net working capital	-2,387	8,908	12,678	1,363	-4,415
Investing cash flow	-5,555	-4,972	-40,183	-27,955	-25,974
Capital expenditure	-5,749	-2,367	-4,800	-4,750	-4,750
Acquisitions/disposals	-745	24	-36,393	-22,200	-20,000
Financing cash flow	26,885	-3,830	-4,175	-22,920	-8,354
Borrowings	-4,698	-6,553	0	-19,109	-5,000
Dividends paid	-2,620	0	-3,574	-3,574	-3,574
Change in cash	10,630	6,567	-7,061	2,650	2,230
Balance Sheet (RsM)					
Total assets	120,140	116,629	141,493	169,825	198,234
Cash & cash equivalent	23,956	12,416	521	504	601
Accounts receivable	13,310	18,399	17,118	19,253	21,855
Net fixed assets	49,607	51,136	52,652	54,129	55,524
Total liabilities	76,502	72,662	81,866	65,120	59,266
Accounts payable	11,160	14,396	15,184	17,079	19,387
Total Debt	42,849	36,295	36,295	17,187	12,187
Shareholders' funds	43,637	43,967	59,627	104,705	138,969
Profitability/Solvency Ratios (%)					
EBITDA margin adjusted	8.7	5.4	8.6	7.8	11.0
ROE adjusted	9.7	-2.5	8.7	11.7	11.3
ROIC adjusted	13.5	-4.5	-0.3	-6.0	3.6
Net debt to equity	43.3	54.3	60.0	15.9	8.3
Total debt to capital	49.5	45.2	37.8	14.1	8.1

For further data queries on Citi's full coverage universe please contact CIRA Data Services Asia Pacific at CIRADataServicesAsiaPacific@citi.com or +852-2501-2791



Update on key FTFs

Figure 1. Ranbaxy – Update / Status of Key FTF Opportun

Product	Generic Name	Innovator	Sales (US\$ m)	Status	CIRA Comment
Imitrex	Sumatriptan	GSK	nm	Launched in Feb '10	Launched from New Jersey - delayed due to time taken to shift site - lost most of the upside in the process
Valtrex	Valacyclovir	GSK	nm	Launched in Nov '09 – c74% peak market share during exclusivity; Retained 35% market share post exclusivity	Launched from New Jersey on time despite having to change sites for both API & formulations – positive signal for other FTFs
Aricept	Donepezil Hydrochloride	Eisai	2,400	Launched in Nov 2010	Should lead to cRs11/sh upside (assuming 50% price erosion & 35% market share)
					Indicates that P-IV launches are not a given
Flomax	Tamsulosin Hydrochloride	Astellas / Boehringer	nm	Was unable to get approval Monetized the opportunity by facilitating entry of another generic – received US\$50m	despite the success with Valtrex & Imitrex Ability to monetize the opportunity despite a lack of approval indicates that there are other options available to the company to capitalize on its pipeline
Lipitor - USA	Atorvastatin	Pfizer	7,000	Settled with Pfizer - launch in Nov 2011	Possibly filed from Paonta (given absence of tentative approval till date), hence may require the AIP to be resolved before a launch is possible – there may be other options to monetize
Lipitor (Non US)	Atorvastatin	Pfizer	3,000	Settled with Pfizer - can launch 2-4 months prior to patent expiry across various markets	Ranbaxy has launched the generic versions in Canada and South Africa; Appears to be secure given that there are no regulatory issues in these markets
Caduet	Amlodipine Besylate / Atorvastatin Calcium	Pfizer	700	Settled with Pfizer - launch in Nov 2011	
Nexium	Esomeprazole Magnesium	AstraZeneca	6,200	Settled with Astra - launch in May 2014 The settlement also includes a supply agreement for Nexium API & formulations with Astra, until patent expiry	API supplies have began in 4QCY10; Formulation supplies to begin in mid CY11 Exclusivity launch only in May 2014 – provides adequate time for resolution of FDA issues
Actos	Pioglitazone Hydrochloride	Takeda	3,800	Settled with Takeda - launch in Aug 2012; Takeda has also settled with other P-IV filers	Mylan, Watson & Ranbaxy are FTF and will share 180d exclusivity Could lead to cRs7/sh upside (assuming 60% price erosion & 25% market share)
Valcyte	Valganciclovir Hydrochloride	Roche	300	Settled with Roche and will launch the product in Mar'13 with a180d exclusivity. Ranbaxy has a tentative approval	Final approval may be contingent on the resolution of FDA issues at Dewas/Paonta; This could be longer than a 180 day exclusivity opportunity given that the patent protection extends till Sep 2015 and there is only a recent P-IV filing by another company

Source: Company Reports and CIRA Estimates

Ranbaxy

Valuation

We have a target price of Rs700 for Ranbaxy, comprising Rs545 for the base generics business and Rs155 for the company's patent challenge pipeline. We use EV/Sales to value the core business as we believe Ranbaxy's current profitability is skewed downwards by the unabsorbed overheads at Paonta Sahib & Dewas as well as the high legal & consultancy charges being incurred towards resolving the FDA issues at these plants. We value the core generics business (excluding exclusivity upsides) at 2.4x Mar 12E recurring sales, which is at a 10% discount to the median of the band in which it has traded over the past 8-9 years. We believe this discount is warranted given the uncertainty in its business following issues with the US FDA. We value the company's patent challenge pipeline using a probability-adjusted NPV approach and applying a discount rate of 15%.

Risks

We rate Ranbaxy Medium Risk as opposed to the Low Risk rating as suggested by our quant-based rating system, which tracks 260-day historical share price volatility. While there are signs of recovery in the business, we believe risk is still on the higher side due to the uncertainty related to its issues with the US FDA / DoJ. The key downside risks to our target price include: 1) Slower than expected resolution of the US FDA issues; 2) Setbacks on its already monetized patent challenge pipeline, in form of litigation wins by other generic companies or delay in approvals/launches; 3) Intensifying pricing pressure in the US and European markets.

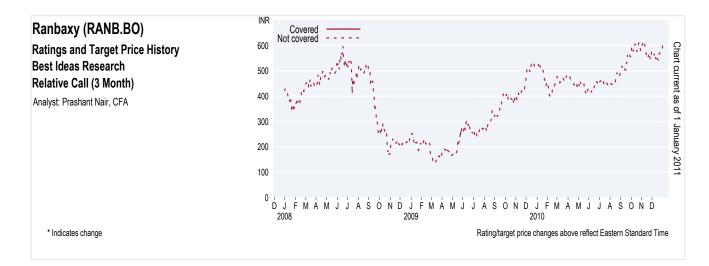
Appendix A-1

Analyst Certification

The research analyst(s) primarily responsible for the preparation and content of this research report are named in bold text in the author block at the front of the product except for those sections where an analyst's name appears in bold alongside content which is attributable to that analyst. Each of these analyst(s) certify, with respect to the section(s) of the report for which they are responsible, that the views expressed therein accurately reflect their personal views about each issuer and security referenced and were prepared in an independent manner, including with respect to Citigroup Global Markets Inc and its affiliates. No part of the research analyst's compensation was, is, or will be, directly or indirectly, related to the specific recommendation(s) or view(s) expressed by that research analyst in this report.

IMPORTANT DISCLOSURES





Citigroup Global Markets Inc. or its affiliates beneficially owns 1% or more of any class of common equity securities of Ranbaxy. This position reflects information available as of the prior business day.

Citigroup Global Markets Inc. or an affiliate received compensation for products and services other than investment banking services from Ranbaxy in the past 12 months.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, securities-related: Ranbaxy.

Citigroup Global Markets Inc. currently has, or had within the past 12 months, the following as clients, and the services provided were non-investment-banking, non-securities-related: Ranbaxy.

Analysts' compensation is determined based upon activities and services intended to benefit the investor clients of Citigroup Global Markets Inc. and its affiliates ("the Firm"). Like all Firm employees, analysts receive compensation that is impacted by overall firm profitability which includes investment banking revenues.

For important disclosures (including copies of historical disclosures) regarding the companies that are the subject of this Citi Investment Research & Analysis product ("the Product"), please contact Citi Investment Research & Analysis, 388 Greenwich Street, 28th Floor, New York, NY, 10013, Attention: Legal/Compliance. In addition, the same important disclosures, with the exception of the Valuation and Risk assessments and historical disclosures, are contained on the Firm's disclosure website at www.citigroupgeo.com. Valuation and Risk assessments can be found in the text of the most recent research note/report regarding the subject company. Historical disclosures (for up to the past three years) will be provided upon request.

Citi Investment Research & Analysis Ratings Distribution

	12 IVIC	12 Wonth Rating			Relative Rating		
Data current as of 31 Dec 2010	Buy	Hold	Sell	Buy	Hold	Sell	
Citi Investment Research & Analysis Global Fundamental Coverage	52%	37%	11%	0%	100%	0%	
% of companies in each rating category that are investment banking clients	45%	44%	40%	0%	44%	0%	

Guide to Citi Investment Research & Analysis (CIRA) Fundamental Research Investment Ratings:

CIRA's stock recommendations include a risk rating and an investment rating.

Risk ratings, which take into account both price volatility and fundamental criteria, are: Low (L), Medium (M), High (H), and Speculative (S).

Investment ratings are a function of CIRA's expectation of total return (forecast price appreciation and dividend yield within the next 12 months) and risk rating. Analysts may place covered stocks "Under Review" in response to exceptional circumstances (e.g. lack of information critical to the analyst's thesis) affecting the company and/or trading in the company's securities (e.g. trading suspension). Stocks placed "Under Review" will be monitored daily by management. As soon as practically possible, the analyst will publish a note re-establishing a rating and investment thesis.

To satisfy regulatory requirements, we correspond Under Review to Hold in our ratings distribution table for our 12-month fundamental rating system. However, we reiterate that we do not consider Under Review to be a recommendation.

Relative three-month ratings: CIRA may also assign a three-month relative call (or rating) to a stock to highlight expected out-performance (most preferred) or under-performance (least preferred) versus the analyst's coverage universe over a 3 month period. The relative call may highlight a specific near-term catalyst or event impacting the company or the market that is anticipated to have a short-term price impact on the equity securities of the company. Absent any specific catalyst the analyst(s) will indicate the most and least preferred stocks in his coverage universe, explaining the basis for this short-term view. This three-month view may be different from and does not affect a stock's fundamental equity rating, which reflects a longer-term total absolute return expectation. For purposes of NASD/NYSE ratings-distribution-disclosure rules, most preferred calls correspond to a buy recommendation and least preferred calls correspond to a sell recommendation. Any stock not assigned to a most preferred or least preferred call is considered non-relative-rated (NRR). For purposes of NASD/NYSE ratings-distribution-disclosure rules we correspond NRR to Hold in our ratings distribution table for our 3-month relative rating system. However, we reiterate that we do not consider NRR to be a recommendation.

For securities in emerging markets (Asia Pacific, Emerging Europe/Middle East/Africa, and Latin America), investment ratings are:Buy (1) (expected total return of 15% or more for Low-Risk stocks, 20% or more for Medium-Risk stocks, 30% or more for High-Risk stocks, and 40% or more for Speculative stocks); Hold (2) (5%-15% for Low-Risk stocks, 10%-20% for Medium-Risk stocks, 15%-30% for High-Risk stocks, and 20%-40% for Speculative stocks); and Sell (3) (5% or less for Low-Risk stocks, 10% or less for Medium-Risk stocks, 15% or less for High-Risk stocks, and 20% or less for Speculative stocks).

Investment ratings are determined by the ranges described above at the time of initiation of coverage, a change in investment and/or risk rating, or a change in target price (subject to limited management discretion). At other times, the expected total returns may fall outside of these ranges because of market price movements

Dalatina Datin

and/or other short-term volatility or trading patterns. Such interim deviations from specified ranges will be permitted but will become subject to review by Research Management. Your decision to buy or sell a security should be based upon your personal investment objectives and should be made only after evaluating the stock's expected performance and risk.

NON-US RESEARCH ANALYST DISCLOSURES

Non-US research analysts who have prepared this report (i.e., all research analysts listed below other than those identified as employed by Citigroup Global Markets Inc.) are not registered/qualified as research analysts with FINRA. Such research analysts may not be associated persons of the member organization and therefore may not be subject to the NYSE Rule 472 and NASD Rule 2711 restrictions on communications with a subject company, public appearances and trading securities held by a research analyst account. The legal entities employing the authors of this report are listed below:

Citigroup Global Markets India Private Limited

Prashant Nair, CFA; Anshuman Gupta

OTHER DISCLOSURES

The subject company's share price set out on the front page of this Product is quoted as at 06 January 2011 04:00 PM on the issuer's primary market.

For securities recommended in the Product in which the Firm is not a market maker, the Firm is a liquidity provider in the issuers' financial instruments and may act as principal in connection with such transactions. The Firm is a regular issuer of traded financial instruments linked to securities that may have been recommended in the Product. The Firm regularly trades in the securities of the issuer(s) discussed in the Product. The Firm may engage in securities transactions in a manner inconsistent with the Product and, with respect to securities covered by the Product, will buy or sell from customers on a principal basis.

Securities recommended, offered, or sold by the Firm: (i) are not insured by the Federal Deposit Insurance Corporation; (ii) are not deposits or other obligations of any insured depository institution (including Citibank); and (iii) are subject to investment risks, including the possible loss of the principal amount invested. Although information has been obtained from and is based upon sources that the Firm believes to be reliable, we do not guarantee its accuracy and it may be incomplete and condensed. Note, however, that the Firm has taken all reasonable steps to determine the accuracy and completeness of the disclosures made in the Important Disclosures section of the Product. The Firm's research department has received assistance from the subject company(ies) referred to in this Product including, but not limited to, discussions with management of the subject company(ies). Firm policy prohibits research analysts from sending draft research to subject companies. However, it should be presumed that the author of the Product has had discussions with the subject company to ensure factual accuracy prior to publication. All opinions, projections and estimates constitute the judgment of the author as of the date of the Product and these, plus any other information contained in the Product, are subject to change without notice. Prices and availability of financial instruments also are subject to change without notice. Notwithstanding other departments within the Firm advising the companies discussed in this Product, information obtained in such role is not used in the preparation of the Product. Although Citi Investment Research & Analysis (CIRA) does not set a predetermined frequency for publication, if the Product is a fundamental research report, it is the intention of CIRA to provide research coverage of the/those issuer(s) mentioned therein, including in response to news affecting this issuer, subject to applicable quiet periods and capacity constraints. The Product is for informational purposes only and is n

Investing in non-U.S. securities, including ADRs, may entail certain risks. The securities of non-U.S. issuers may not be registered with, nor be subject to the reporting requirements of the U.S. Securities and Exchange Commission. There may be limited information available on foreign securities. Foreign companies are generally not subject to uniform audit and reporting standards, practices and requirements comparable to those in the U.S. Securities of some foreign companies may be less liquid and their prices more volatile than securities of comparable U.S. companies. In addition, exchange rate movements may have an adverse effect on the value of an investment in a foreign stock and its corresponding dividend payment for U.S. investors. Net dividends to ADR investors are estimated, using withholding tax rates conventions, deemed accurate, but investors are urged to consult their tax advisor for exact dividend computations. Investors who have received the Product from the Firm may be prohibited in certain states or other jurisdictions from purchasing securities mentioned in the Product from the Firm. Please ask your Financial Consultant for additional details. Citigroup Global Markets Inc. takes responsibility for the Product in the United States. Any orders by US investors resulting from the information contained in the Product may be placed only through Citigroup Global Markets Inc.

Important Disclosures for Morgan Stanley Smith Barney LLC Customers: Morgan Stanley & Co. Incorporated (Morgan Stanley) research reports may be available about the companies that are the subject of this Citi Investment Research & Analysis (CIRA) research report. Ask your Financial Advisor or use smithbarney.com to view any available Morgan Stanley research reports in addition to CIRA research reports.

Important disclosure regarding the relationship between the companies that are the subject of this CIRA research report and Morgan Stanley Smith Barney LLC and its affiliates are available at the Morgan Stanley Smith Barney disclosure website at www.morganstanleysmithbarney.com/researchdisclosures.

The required disclosures provided by Morgan Stanley and Citigroup Global Markets, Inc. on Morgan Stanley and CIRA research relate in part to the separate businesses of Citigroup Global Markets, Inc. and Morgan Stanley that now form Morgan Stanley Smith Barney LLC, rather than to Morgan Stanley Smith Barney LLC in its entirety. For Morgan Stanley and Citigroup Global Markets, Inc. specific disclosures, you may refer to www.morganstanley.com/researchdisclosures and https://www.citigroupgeo.com/geopublic/Disclosures/index_a.html.

This CIRA research report has been reviewed and approved on behalf of Morgan Stanley Smith Barney LLC. This review and approval was conducted by the same person who reviewed this research report on behalf of CIRA. This could create a conflict of interest.

The Citigroup legal entity that takes responsibility for the production of the Product is the legal entity which the first named author is employed by. The Product is made available in Australia through Citigroup Global Markets Australia Pty Ltd. (ABN 64 003 114 832 and AFSL No. 240992), participant of the ASX Group and regulated by the Australian Securities & Investments Commission. Citigroup Centre, 2 Park Street, Sydney, NSW 2000. The Product is made available in Australia to Private Banking wholesale clients through Citigroup Pty Limited (ABN 88 004 325 080 and AFSL 238098). Citigroup Pty Limited provides all financial product advice to Australian Private Banking wholesale clients through bankers and relationship managers. If there is any doubt about the suitability of investments held in Citigroup Private Bank accounts, investors should contact the Citigroup Private Bank in Australia. Citigroup companies may compensate affiliates and their representatives for providing products and services to clients. The Product is made available in Brazil by Citigroup Global Markets Brasil - CCTVM SA, which is regulated by CVM - Comissão de Valores Mobiliários, BACEN - Brazilian Central Bank, APIMEC - Associação dos Analistas e Profissionais de Investimento do Mercado de Capitais and ANBID - Associação Nacional dos Bancos de Investimento. Av. Paulista, 1111 - 11° andar - CEP. 01311920 - São Paulo - SP. If the Product is being made available in certain provinces of Canada by Citigroup Global Markets (Canada) Inc. ("CGM Canada"), CGM Canada has approved the Product. Citigroup Place, 123 Front Street West, Suite 1100, Toronto, Ontario M5J 2M3. This product is available in Chie through Banchile Corredores de Bolsa S.A., an indirect subsidiary of Citigroup Inc., which is regulated by the Superintendencia de Valores y Seguros. Agustinas 975, piso 2, Santiago, Chile. The Product is made available in France by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 1-5 Rue Paul Cézan

Commission. If the Product is made available in Hong Kong by The Citigroup Private Bank to its clients, it is attributable to Citibank N.A., Citibank Tower, Citibank Plaza, 3 Garden Road, Hong Kong. The Citigroup Private Bank and Citibank N.A. is regulated by the Hong Kong Monetary Authority. The Product is made available in India by Citigroup Global Markets India Private Limited, which is regulated by Securities and Exchange Board of India. Bakhtawar, Nariman Point, Mumbai 400-021. The Product is made available in Indonesia through PT Citigroup Securities Indonesia. 5/F, Citibank Tower, Bapindo Plaza, Jl. Jend. Sudirman Kav. 54-55, Jakarta 12190. Neither this Product nor any copy hereof may be distributed in Indonesia or to any Indonesian citizens wherever they are domiciled or to Indonesian residents except in compliance with applicable capital market laws and regulations. This Product is not an offer of securities in Indonesia. The securities referred to in this Product have not been registered with the Capital Market and Financial Institutions Supervisory Agency (BAPEPAM-LK) pursuant to relevant capital market laws and regulations, and may not be offered or sold within the territory of the Republic of Indonesia or to Indonesian citizens through a public offering or in circumstances which constitute an offer within the meaning of the Indonesian capital market laws and regulations. The Product is made available in Israel through Citibank NA, regulated by the Bank of Israel and the Israeli Securities Authority. Citibank, N.A, Platinum Building, 21 Ha'arba'ah St, Tel Aviv, Israel. The Product is made available in Italy by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. Foro Buonaparte 16, Milan, 20121, Italy. The Product is made available in Japan by Citigroup Global Markets Japan Inc. ("CGMJ"), which is regulated by Financial Services Agency, Securities and Exchange Surveillance Commission, Japan Securities Dealers Association, Tokyo Stock Exchange and Osaka Securities Exchange. Shin-Marunouchi Building, 1-5-1 Marunouchi, Chiyodaku, Tokyo 100-6520 Japan. If the Product was distributed by Nikko Cordial Securities Inc. it is being so distributed under license. In the event that an error is found in an CGMJ research report, a revised version will be posted on the Firm's Global Equities Online (GEO) website. If you have questions regarding GEO, please call (81 3) 6270-3019 for help. The Product is made available in Korea by Citigroup Global Markets Korea Securities Ltd., which is regulated by the Financial Services Commission, the Financial Supervisory Service and the Korea Financial Investment Association (KOFIA). Citibank Building, 39 Da-dong, Jung-gu, Seoul 110-180, Korea. KOFIA makes available registration information of research analysts on its website. Please visit the following website if you wish to find KOFIA registration information on research analysts of Citigroup Global Markets Korea Securities Ltd.

http://dis.kofia.or.kr/fs/dis2/fundMgr/DISFundMgrAnalystPop.jsp?companyCd2=A03030&pageDiv=02. The Product is made available in Malaysia by Citigroup Global Markets Malaysia Sdn Bhd, which is regulated by Malaysia Securities Commission. Menara Citibank, 165 Jalan Ampang, Kuala Lumpur, 50450. The Product is made available in Mexico by Acciones y Valores Banamex, S.A. De C. V., Casa de Bolsa, Integrante del Grupo Financiero Banamex ("Accival") which is a wholly owned subsidiary of Citigroup Inc. and is regulated by Comision Nacional Bancaria y de Valores. Reforma 398, Col. Juarez, 06600 Mexico, D.F. In New Zealand the Product is made available through Citigroup Global Markets New Zealand Ltd. (Company Number 604457), a Participant of the New Zealand Exchange Limited and regulated by the New Zealand Securities Commission. Level 19, Mobile on the Park, 157 Lambton Quay, Wellington. The Product is made available in Pakistan by Citibank N.A. Pakistan branch, which is regulated by the State Bank of Pakistan and Securities Exchange Commission, Pakistan. AWT Plaza, 1.1. Chundrigar Road, P.O. Box 4889, Karachi-74200. The Product is made available in the Philippines through Citicorp Financial Services and Insurance Brokerage Philippines, Inc., which is regulated by the Philippines Securities and Exchange Commission. 20th Floor Citibank Square Bldg. The Product is made available in Poland by Dom Maklerski Banku Handlowego SA an indirect subsidiary of Citigroup Inc., which is regulated by Komisja Nadzoru Finansowego. Dom Maklerski Banku Handlowego S.A. ul Senatorska 16, 00-923 Warszawa. The Product is made available in the Russian Federation through ZAO Citibank, which is licensed to carry out banking activities in the Russian Federation in accordance with the general banking license issued by the Central Bank of the Russian Federation and brokerage activities in accordance with the license issued by the Federal Service for Financial Markets. Neither the Product nor any information contained in the Product shall be considered as advertising the securities mentioned in this report within the territory of the Russian Federation or outside the Russian Federation. The Product does not constitute an appraisal within the meaning of the Federal Law of the Russian Federation of 29 July 1998 No. 135-FZ (as amended) On Appraisal Activities in the Russian Federation. 8-10 Gasheka Street, 125047 Moscow. The Product is made available in Singapore through Citigroup Global Markets Singapore Pte. Ltd., a Capital Markets Services Licence holder, and regulated by Monetary Authority of Singapore. 1 Temasek Avenue, #39-02 Millenia Tower, Singapore 039192. The Product is made available by The Citigroup Private Bank in Singapore through Citibank, N.A., Singapore branch, a licensed bank in Singapore that is regulated by Monetary Authority of Singapore. Citigroup Global Markets (Pty) Ltd. is incorporated in the Republic of South Africa (company registration number 2000/025866/07) and its registered office is at 145 West Street, Sandton, 2196, Saxonwold. Citigroup Global Markets (Pty) Ltd. is regulated by JSE Securities Exchange South Africa, South African Reserve Bank and the Financial Services Board. The investments and services contained herein are not available to private customers in South Africa. The Product is made available in Spain by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. 29 Jose Ortega Y Gassef, 4th Floor, Madrid, 28006, Spain. The Product is made available in Taiwan through Citigroup Global Markets Taiwan Securities Company Ltd., which is regulated by Securities & Futures Bureau. No portion of the report may be reproduced or quoted in Taiwan by the press or any other person. 14 and 15F, No. 1, Songzhi Road, Taipei 110, Taiwan. If the Product is related to non-Taiwan listed securities, neither the Product nor any information contained in the Product shall be considered as advertising the securities or making recommendation of the securities. The Product is made available in Thailand through Citicorp Securities (Thailand) Ltd., which is regulated by the Securities and Exchange Commission of Thailand. 18/F, 22/F and 29/F, 82 North Sathorn Road, Silom, Bangrak, Bangkok 10500, Thailand. The Product is made available in Turkey through Citibank AS which is regulated by Capital Markets Board. Tekfen Tower, Eski Buyukdere Caddesi # 209 Kat 2B, 23294 Levent, Istanbul, Turkey. In the U.A.E, these materials (the "Materials") are communicated by Citigroup Global Markets Limited, DIFC branch ("CGML"), an entity registered in the Dubai International Financial Center ("DIFC") and licensed and regulated by the Dubai Financial Services Authority ("DFSA" to Professional Clients and Market Counterparties only and should not be relied upon or distributed to Retail Clients. A distribution of the different CIRA ratings distribution, in percentage terms for Investments in each sector covered is made available on request. Financial products and/or services to which the Materials relate will only be made available to Professional Clients and Market Counterparties. The Product is made available in United Kingdom by Citigroup Global Markets Limited, which is authorised and regulated by Financial Services Authority. This material may relate to investments or services of a person outside of the UK or to other matters which are not regulated by the FSA and further details as to where this may be the case are available upon request in respect of this material. Citigroup Centre, Canada Square, Canary Wharf, London, E14 5LB. The Product is made available in United States by Citigroup Global Markets Inc. which is regulated by FINRA and the US Securities and Exchange Commission. 388 Greenwich Street, New York, NY 10013. Unless specified to the contrary, within EU Member States, the Product is made available by Citigroup Global Markets Limited, which is regulated by Financial Services Authority.

Pursuant to Comissão de Valores Mobiliários Rule 483, Citi is required to disclose whether a Citi related company or business has a commercial relationship with the subject company. Considering that Citi operates multiple businesses in more than 100 countries around the world, it is likely that Citi has a commercial relationship with the subject company.

Many European regulators require that a firm must establish, implement and make available a policy for managing conflicts of interest arising as a result of publication or distribution of investment research. The policy applicable to CIRA's Products can be found at www.citigroupgeo.com.

Compensation of equity research analysts is determined by equity research management and Citigroup's senior management and is not linked to specific transactions or recommendations.

The Product may have been distributed simultaneously, in multiple formats, to the Firm's worldwide institutional and retail customers. The Product is not to be construed as providing investment services in any jurisdiction where the provision of such services would not be permitted.

Subject to the nature and contents of the Product, the investments described therein are subject to fluctuations in price and/or value and investors may get back less than originally invested. Certain high-volatility investments can be subject to sudden and large falls in value that could equal or exceed the amount invested. Certain

Ranbaxy (RANB.BO)

6 January 2011

investments contained in the Product may have tax implications for private customers whereby levels and basis of taxation may be subject to change. If in doubt, investors should seek advice from a tax adviser. The Product does not purport to identify the nature of the specific market or other risks associated with a particular transaction. Advice in the Product is general and should not be construed as personal advice given it has been prepared without taking account of the objectives, financial situation or needs of any particular investor. Accordingly, investors should, before acting on the advice, consider the appropriateness of the advice, having regard to their objectives, financial situation and needs. Prior to acquiring any financial product, it is the client's responsibility to obtain the relevant offer document for the product and consider it before making a decision as to whether to purchase the product.

CIRA concurrently disseminates its research via proprietary and non-proprietary electronic distribution platforms. Periodically, individual analysts may also opt to circulate research to one or more clients by email. Such email distribution is discretionary and is done only after the research has been disseminated via the aforementioned distribution channels.

© 2011 Citigroup Global Markets Inc. Citi Investment Research & Analysis is a division of Citigroup Global Markets Inc. Citi and Citi with Arc Design are trademarks and service marks of Citigroup Inc. and its affiliates and are used and registered throughout the world. All rights reserved. Any unauthorized use, duplication, redistribution or disclosure of this report (the "Product"), including, but not limited to, redistribution of the Product by electronic mail, posting of the Product on a website or page, and/or providing to a third party a link to the Product, is prohibited by law and will result in prosecution. The information contained in the Product is intended solely for the recipient and may not be further distributed by the recipient to any third party. Where included in this report, MSCI sourced information is the exclusive property of Morgan Stanley Capital International Inc. (MSCI). Without prior written permission of MSCI, this information and any other MSCI intellectual property may not be reproduced, redisseminated or used to create any financial products, including any indices. This information is provided on an "as is" basis. The user assumes the entire risk of any use made of this information. MSCI, its affiliates and any third party involved in, or related to, computing or compiling the information hereby expressly disclaim all warranties of originality, accuracy, completeness, merchantability or fitness for a particular purpose with respect to any of this information. Without limiting any of the foregoing, in no event shall MSCI, any of its affiliates or any third party involved in, or related to, computing or compiling the information have any liability for any damages of any kind. MSCI, Morgan Stanley Capital International and the MSCI indexes are services marks of MSCI and its affiliates. The Firm accepts no liability whatsoever for the actions of third parties. The Product may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the Product refers to website material of the Firm, the Firm has not reviewed the linked site. Equally, except to the extent to which the Product refers to website material of the Firm, the Firm takes no responsibility for, and makes no representations or warranties whatsoever as to, the data and information contained therein. Such address or hyperlink (including addresses or hyperlinks to website material of the Firm) is provided solely for your convenience and information and the content of the linked site does not in anyway form part of this document. Accessing such website or following such link through the Product or the website of the Firm shall be at your own risk and the Firm shall have no liability arising out of, or in connection with, any such referenced website.

ADDITIONAL INFORMATION IS AVAILABLE UPON REQUEST