

## Receptos (RCPT)

### SMALL & MID CAP RESEARCH

## RPC1063 moves into PIII after DMC "go-ahead"



Rating **OUTPERFORM\* [V]**  
Price (04 Dec 13, US\$) 22.70  
Target price (US\$) 31.00<sup>1</sup>  
52-week price range 33.91 - 13.85  
Market cap. (US\$ m) 416.27  
Enterprise value (US\$ m) 351.14

\*Stock ratings are relative to the coverage universe in each analyst's or each team's respective sector.  
<sup>1</sup>Target price is for 12 months.

[V] = Stock considered volatile (see Disclosure Appendix).

#### Research Analysts

**Ravi Mehrotra PhD**

212 325 3487

ravi.mehrotra@credit-suisse.com

**Koon Ching PhD**

212 325 6286

koon.ching@credit-suisse.com

**Lee Kalowski**

212 325 9683

lee.kalowski@credit-suisse.com

**Anuj Shah**

212 325 6931

anuj.shah@credit-suisse.com

**Jason Kantor, PhD**

415 249 7942

jason.kantor@credit-suisse.com

**Jeremiah Shepard, PhD**

415 249 7933

jeremiah.shepard@credit-suisse.com

- **DMC gives "go-ahead" for the PIII trial of RPC1063 in RMS after interim PII safety review.** RCPT announced this morning that the Data Monitoring Committee (DMC) supports continuation of the PII portion of the RADIANCE trial and start of the PIII portion for RPC1063 in RMS after a pre-planned interim safety analysis. The timing of this announcement was in-line with previous guidance and the Street's expectations. Whilst the "go-ahead" for the PIII trial (initiation expected by y/e / beginning of '14) for RPC1063 was largely expected based on extensive preclinical and early clinical data, we flag the massive downside risk on the (low) probability that DMC did not support start of the PIII trial has now been removed. Topline data of the PII portion of the RADIANCE trial is expected in mid-2014, as previously guided.
- **Interim safety analysis is generally in-line with our expectations based on the preclinical and early clinical data so far.** (1) RPC1063 does not appear to be introducing new safety issues. The overall safety adverse event profiles between RPC1063 and placebo groups were balanced. In addition, there were no serious adverse events reported so far. (2) RPC1063 did have a modest impact on heart rate (vs. placebo), as expected based on the PI QT study. Importantly, no cardiac adverse events were observed so far. (3) There were low rates of liver enzyme elevations in the RPC1063 group. (4) RPC1063's S1P1R modulatory mechanism of action is supported by preliminary clinical activity and reduction in lymphocyte counts observed in the PII trial to date. **Topline PII data for RPC1063 in RMS due in mid-2014 remains the key valuation inflection point.** We reiterate our view this data will be a key de-risking event for RPC1063 in RMS, providing better look at its efficacy and safety profile. This data readout will likely enable RCPT to secure a partner for RPC1063.

#### Financial and valuation metrics

Year	12/12A	12/13E	12/14E	12/15E
EPS (CS adj.) (US\$)	-13.73	-4.03	-2.46	-2.05
Prev. EPS (US\$)	—	—	—	—
P/E (x)	-1.7	-5.6	-9.2	-11.1
P/E rel. (%)	-9.6	-34.5	-62.2	-82.5
Revenue (US\$ m)	8.6	4.6	22.2	—
EBITDA (US\$ m)	-17.1	-51.1	-57.4	-48.5
OCFPS (US\$)	-14.28	-3.59	-2.11	-1.88
P/OCF (x)	—	-6.3	-10.8	-12.1
EV/EBITDA (current)	-24.1	-6.9	-5.4	-7.3
Net debt (US\$ m)	-5	-65	-108	-63
ROIC (%)	316.59	585.57	531.35	686.08
Number of shares (m)	18.34	IC (current, US\$ m)		-5.59
BV/share (Next Qtr., US\$)	—	EV/IC (x)		—
Net debt (Next Qtr., US\$ m)	—	Dividend (current, US\$)		—
Net debt/tot cap (Next Qtr., %)	—	Dividend yield (%)		—

Source: Company data, Credit Suisse estimates

**DISCLOSURE APPENDIX CONTAINS IMPORTANT DISCLOSURES, ANALYST CERTIFICATIONS, INFORMATION ON TRADE ALERTS, ANALYST MODEL PORTFOLIOS AND THE STATUS OF NON-US ANALYSTS.** US Disclosure: Credit Suisse 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.

**Exhibit 1: RCPT Upcoming Catalysts**

Product/Event	Indication	Catalyst	Expected Date	Comments	Price Sensitivity
RPC4046	Eosinophilic Esophagitis	Start of PII trial	H1'14	RCPT is still planning the proof-of-concept PII trial in EoE. RCPT plans to request a pre-IND meeting with the end by year end, followed by submission of an IND for in H1'14.	Low
RPC1063	RMS	Topline RADIANCE PII data	Mid-2014	The PII portion of RADIANCE examines 1.0mg RPC1063 (vs. pbo) in RMS. The primary endpoint is reduction in cumulative number of GdE lesions from Week 12 to Week 24. The interim analysis will enable RCPT to begin enrolling the PIII portion of the trial. The focus will be on RPC1063 showing comparable efficacy, but better safety as compared to Gilenya.	High
RPC1063	Ulcerative Colitis	Topline TOUCHSTONE PII data	Mid-2014	TOUCHSTONE examines 0.5mg and 1.0mg RPC0163 (vs. pbo) in moderately to severely active ulcerative colitis. The primary endpoint is induction of clinical remission at Week 8. The FDA has informed RCPT that this trial could be considered a pivotal study, assuming results are sufficiently compelling. A successful readout also could suggest that RPC1063 may be effective in Crohn's Disease.	Medium
RPC1063	RMS	Partnership	2014	We believe that the topline RADIANCE PII readout will enable RCPT to secure a partner for RPC1063 in PIII trials for RMS.	Medium

Source: Receptos, Credit Suisse research

## Exhibit 2: Current CS Biotech Coverage

Company Name	Ticker	Market Cap (\$M)	CS Rating	CS Target Price	Last Price	Coverage
<b>Large Cap</b>						
Amgen Inc.	AMGN	\$85,269	NEUTRAL	\$120.00	\$113.07	RM/LK
Biogen Idec Inc.	BIIB	\$67,514	OUTPERFORM	\$290.00	\$285.82	RM/LK
Celgene Corporation	CELG	\$65,960	NEUTRAL	\$165.00	\$160.07	RM/LK
Gilead Sciences, Inc.	GILD	\$111,122	OUTPERFORM	\$90.00	\$72.47	RM/LK
<b>SMID Cap</b>						
<b>Antibody</b>						
ImmunoGen, Inc.	IMGN	\$1,245	NEUTRAL	\$14.00	\$14.62	JK/JS
PDL BioPharma, Inc.	PDLI	\$1,171	UNDERPERFORM	\$6.00	\$8.36	JK/JS
Regeneron Pharmaceuticals, Inc.	REGN	\$28,559	OUTPERFORM	\$340.00	\$287.26	JK/JS
Seattle Genetics, Inc.	SGEN	\$5,354	OUTPERFORM	\$46.00	\$43.71	JK/JS
XOMA Corporation	XOMA	\$569	OUTPERFORM	\$8.00	\$6.11	JK/JS
<b>Commercial-Stage SMID</b>						
Actelion Ltd.	ATLN-CH	\$9,562	OUTPERFORM	CHF 66.00	CHF 72.00	RM/LK
Corcept Therapeutics Incorporated	CORT	\$207	NEUTRAL	\$2.00	\$2.07	RM/KC
InterMune, Inc.	ITMN	\$1,137	OUTPERFORM	\$15.00	\$13.87	RM/KC
United Therapeutics Corporation	UTHR	\$4,557	NEUTRAL	\$75.00	\$90.72	RM/KC
XenoPort, Inc.	XNPT	\$244	OUTPERFORM	\$7.00	\$5.12	RM/KC
<b>Constipation / IBS-C</b>						
Ironwood Pharmaceuticals, Inc.	IRWD	\$1,367	OUTPERFORM	\$16.00	\$11.31	RM/KC
Sucampo Pharmaceuticals, Inc.	SCMP	\$302	NEUTRAL	\$8.00	\$7.12	RM/KC
Synergy Pharmaceuticals, Inc.	SGYP	\$399	OUTPERFORM	\$9.30	\$4.42	RM/KC
<b>Development-Stage SMID</b>						
Esperion Therapeutics, Inc.	ESPR	\$188	OUTPERFORM	\$26.00	\$12.26	JK/JS
Portola Pharmaceuticals, Inc.	PTLA	\$990	OUTPERFORM	\$32.00	\$24.93	JK/JS
Receptos, Inc.	RCPT	\$416	OUTPERFORM	\$31.00	\$22.70	RM/KC
Vical Incorporated	VICL	\$100	NEUTRAL	\$2.00	\$1.15	LK/RM
<b>HCV</b>						
Achillion Pharmaceuticals, Inc.	ACHN	\$331	NEUTRAL	\$4.00	\$3.42	RM/KC
Enanta Pharmaceuticals, Inc.	ENTA	\$503	OUTPERFORM	\$29.00	\$28.06	RM/KC
Idenix Pharmaceuticals, Inc.	IDIX	\$722	NEUTRAL	\$4.00	\$5.39	RM/KC
Medivir AB Class B	MDVIR.B-OME	\$448	OUTPERFORM	SEK 115.00	SEK 95.25	RM/KC
Vertex Pharmaceuticals Incorporated	VRTX	\$15,728	NEUTRAL	\$78.00	\$67.33	RM/KC

  

Company Name	Ticker	Market Cap (\$M)	CS Rating	CS Target Price	Last Price	Coverage
<b>Hospital Antibiotics</b>						
Cubist Pharmaceuticals, Inc.	CBST	\$4,858	OUTPERFORM	\$69.00	\$65.60	JK/JS
Durata Therapeutics, Inc.	DRTX	\$298	OUTPERFORM	\$15.00	\$11.18	JK/JS
The Medicines Company	MDCO	\$2,410	OUTPERFORM	\$15.00	\$13.87	JK/JS
<b>Obesity</b>						
Arena Pharmaceuticals, Inc.	ARNA	\$1,427	UNDERPERFORM	\$4.00	\$6.53	LK/RM
Orexigen Therapeutics, Inc.	OREX	\$607	OUTPERFORM	\$10.00	\$5.99	LK/RM
VIVUS, Inc.	VVUS	\$996	NEUTRAL	\$10.00	\$9.88	LK/RM
<b>Oncology SMID</b>						
Ariad Pharmaceuticals Inc.	ARIA	\$899	NEUTRAL	\$2.50	\$4.84	JK/JS
Clovis Oncology, Inc.	CLVS	\$1,689	OUTPERFORM	\$78.00	\$55.99	RM/LK
Endocyte	ECYT	\$405	OUTPERFORM	\$24.00	\$11.24	JK/JS
Infinity Pharmaceuticals	INFI	\$696	OUTPERFORM	\$20.00	\$14.50	JK/JS
Pharmacyclis	PCYC	\$9,537	OUTPERFORM	\$121.00	\$130.38	JK/JS
Sunesis Pharmaceuticals	SNSS	\$262	NEUTRAL	\$6.00	\$5.06	JK/JS
Spectrum Pharmaceuticals	SPPI	\$603	UNDERPERFORM	\$7.00	\$9.44	JK/JS
Bind Therapeutics	BIND	\$179	OUTPERFORM	21	10.92	JK/JS
<b>Orphan Drugs</b>						
Alexion Pharmaceuticals Inc.	ALXN	\$24,048	NEUTRAL	\$119.00	\$122.65	LK/RM
BioMarin Pharmaceutical Inc.	BMRN	\$9,959	NEUTRAL	\$68.00	\$70.03	LK/RM
PTC Therapeutics Inc.	PTCT	\$391	OUTPERFORM	\$24.00	\$15.68	JK/JS
<b>Prostate Cancer</b>						
Algeta ASA	ALGETA-OS	\$2,500	NEUTRAL	NOK 350.00	NOK 349.50	LK/RM
Dendreon Corporation	DNDN	\$481	NEUTRAL	\$3.00	\$3.05	LK/RM
Exelixis, Inc.	EXEL	\$1,077	NEUTRAL	\$5.00	\$5.85	LK/RM
Medivation, Inc.	MDVN	\$4,686	OUTPERFORM	\$80.00	\$62.30	LK/RM

\* Last Price as of Nov 28, 2013

Source: Company data, Credit Suisse research

**Companies Mentioned** (Price as of 04-Dec-2013)

Receptos (RCPT.OQ, \$22.7, OUTPERFORM[V], TP \$31.0)

## Disclosure Appendix

**Important Global Disclosures**

Ravi Mehrotra PhD, Lee Kalowski and Jason Kantor, PhD each certify, with respect to the companies or securities that the individual analyzes, that (1) the views expressed in this report accurately reflect his or her personal views about all of the subject companies and securities and (2) no part of his or her compensation was, is or will be directly or indirectly related to the specific recommendations or views expressed in this report.

**3-Year Price and Rating History for Receptos (RCPT.OQ)**

RCPT.OQ	Closing Price	Target Price	
Date	(US\$)	(US\$)	Rating
03-Jun-13	18.36	21.00	O *
16-Oct-13	33.22	31.00	

\* Asterisk signifies initiation or assumption of coverage.



The analyst(s) responsible for preparing this research report received Compensation that is based upon various factors including Credit Suisse's total revenues, a portion of which are generated by Credit Suisse's investment banking activities

**As of December 10, 2012 Analysts' stock rating are defined as follows:**

**Outperform (O)** : The stock's total return is expected to outperform the relevant benchmark\* over the next 12 months.

**Neutral (N)** : The stock's total return is expected to be in line with the relevant benchmark\* over the next 12 months.

**Underperform (U)** : The stock's total return is expected to underperform the relevant benchmark\* over the next 12 months.

*\*Relevant benchmark by region: As of 10th December 2012, Japanese ratings are based on a stock's total return relative to the analyst's coverage universe which consists of all companies covered by the analyst within the relevant sector, with Outperforms representing the most attractive, Neutrals the less attractive, and Underperforms the least attractive investment opportunities. As of 2nd October 2012, U.S. and Canadian as well as European ratings are based on a stock's total return relative to the analyst's coverage universe which consists of all companies covered by the analyst within the relevant sector, with Outperforms representing the most attractive, Neutrals the less attractive, and Underperforms the least attractive investment opportunities. For Latin American and non-Japan Asia stocks, ratings are based on a stock's total return relative to the average total return of the relevant country or regional benchmark; Australia, New Zealand are, and prior to 2nd October 2012 U.S. and Canadian ratings were based on (1) a stock's absolute total return potential to its current share price and (2) the relative attractiveness of a stock's total return potential within an analyst's coverage universe. For Australian and New Zealand stocks, 12-month rolling yield is incorporated in the absolute total return calculation and a 15% and a 7.5% threshold replace the 10-15% level in the Outperform and Underperform stock rating definitions, respectively. The 15% and 7.5% thresholds replace the +10-15% and -10-15% levels in the Neutral stock rating definition, respectively. Prior to 10th December 2012, Japanese ratings were based on a stock's total return relative to the average total return of the relevant country or regional benchmark.*

**Restricted (R)** : In certain circumstances, Credit Suisse policy and/or applicable law and regulations preclude certain types of communications, including an investment recommendation, during the course of Credit Suisse's engagement in an investment banking transaction and in certain other circumstances.

**Volatility Indicator [V]** : A stock is defined as volatile if the stock price has moved up or down by 20% or more in a month in at least 8 of the past 24 months or the analyst expects significant volatility going forward.

Analysts' sector weightings are distinct from analysts' stock ratings and are based on the analyst's expectations for the fundamentals and/or valuation of the sector\* relative to the group's historic fundamentals and/or valuation:

**Overweight** : The analyst's expectation for the sector's fundamentals and/or valuation is favorable over the next 12 months.

**Market Weight** : The analyst's expectation for the sector's fundamentals and/or valuation is neutral over the next 12 months.

**Underweight** : The analyst's expectation for the sector's fundamentals and/or valuation is cautious over the next 12 months.

*\*An analyst's coverage sector consists of all companies covered by the analyst within the relevant sector. An analyst may cover multiple sectors.*

Credit Suisse's distribution of stock ratings (and banking clients) is:

### Global Ratings Distribution

Rating	Versus universe (%)	Of which banking clients (%)
Outperform/Buy*	42%	(54% banking clients)
Neutral/Hold*	41%	(49% banking clients)
Underperform/Sell*	15%	(41% banking clients)
Restricted	3%	

*\*For purposes of the NYSE and NASD ratings distribution disclosure requirements, our stock ratings of Outperform, Neutral, and Underperform most closely correspond to Buy, Hold, and Sell, respectively; however, the meanings are not the same, as our stock ratings are determined on a relative basis. (Please refer to definitions above.) An investor's decision to buy or sell a security should be based on investment objectives, current holdings, and other individual factors.*

Credit Suisse's policy is to update research reports as it deems appropriate, based on developments with the subject company, the sector or the market that may have a material impact on the research views or opinions stated herein.

Credit Suisse's policy is only to publish investment research that is impartial, independent, clear, fair and not misleading. For more detail please refer to Credit Suisse's Policies for Managing Conflicts of Interest in connection with Investment Research: [http://www.csfb.com/research\\_and\\_analytics/disclaimer/managing\\_conflicts\\_disclaimer.html](http://www.csfb.com/research_and_analytics/disclaimer/managing_conflicts_disclaimer.html)

Credit Suisse does not provide any tax advice. Any statement herein regarding any US federal tax is not intended or written to be used, and cannot be used, by any taxpayer for the purposes of avoiding any penalties.

### Price Target: (12 months) for Receptos (RCPT.OQ)

**Method:** Our DCF-derived TP of \$31 is based on annual cash flows through 2029, 10% discount rate, and no terminal value. The cash flows are based on royalties on worldwide sales of RPC1063 in relapsing multiple sclerosis only and add-back of all R&D expenses not associated with RPC1063 for relapsing multiple sclerosis.

**Risk:** The risks to our TP of \$31 are: (1) RPC1063 not approved or significantly delayed in relapsing multiple sclerosis; (2) RPC1063 does not demonstrate efficacy and safety expected from studies to date; (3) RPC1063 could underperform our expectations for the product launch ramp or peak sales; (4) Competition is more acute than we model; (5) The relapsing multiple sclerosis market may not become as large as expected.

Please refer to the firm's disclosure website at <https://rave.credit-suisse.com/disclosures> for the definitions of abbreviations typically used in the target price method and risk sections.

*See the Companies Mentioned section for full company names*

The subject company (RCPT.OQ) currently is, or was during the 12-month period preceding the date of distribution of this report, a client of Credit Suisse.

Credit Suisse provided investment banking services to the subject company (RCPT.OQ) within the past 12 months.

Credit Suisse has managed or co-managed a public offering of securities for the subject company (RCPT.OQ) within the past 12 months.

Credit Suisse has received investment banking related compensation from the subject company (RCPT.OQ) within the past 12 months

Credit Suisse expects to receive or intends to seek investment banking related compensation from the subject company (RCPT.OQ) within the next 3 months.

As of the date of this report, Credit Suisse makes a market in the following subject companies (RCPT.OQ).

### Important Regional Disclosures

Singapore recipients should contact Credit Suisse AG, Singapore Branch for any matters arising from this research report.

The analyst(s) involved in the preparation of this report have not visited the material operations of the subject company (RCPT.OQ) within the past 12 months

Restrictions on certain Canadian securities are indicated by the following abbreviations: NVS--Non-Voting shares; RVS--Restricted Voting Shares; SVS--Subordinate Voting Shares.

Individuals receiving this report from a Canadian investment dealer that is not affiliated with Credit Suisse should be advised that this report may not contain regulatory disclosures the non-affiliated Canadian investment dealer would be required to make if this were its own report.

For Credit Suisse Securities (Canada), Inc.'s policies and procedures regarding the dissemination of equity research, please visit [http://www.csfb.com/legal\\_terms/canada\\_research\\_policy.shtml](http://www.csfb.com/legal_terms/canada_research_policy.shtml).

Credit Suisse has acted as lead manager or syndicate member in a public offering of securities for the subject company (RCPT.OQ) within the past 3 years.

As of the date of this report, Credit Suisse acts as a market maker or liquidity provider in the equities securities that are the subject of this report.

Principal is not guaranteed in the case of equities because equity prices are variable.

Commission is the commission rate or the amount agreed with a customer when setting up an account or at any time after that.

---

For Credit Suisse disclosure information on other companies mentioned in this report, please visit the website at <https://rave.credit-suisse.com/disclosures> or call +1 (877) 291-2683.

---



References in this report to Credit Suisse include all of the subsidiaries and affiliates of Credit Suisse operating under its investment banking division. For more information on our structure, please use the following link: <https://www.credit-suisse.com/who-we-are/en>. This report may contain material that is not directed to, or intended for distribution to or use by, any person or entity who is a citizen or resident of or located in any locality, state, country or other jurisdiction where such distribution, publication, availability or use would be contrary to law or regulation or which would subject Credit Suisse AG or its affiliates ("CS") to any registration or licensing requirement within such jurisdiction. All material presented in this report, unless specifically indicated otherwise, is under copyright to CS. None of the material, nor its content, nor any copy of it, may be altered in any way, transmitted to, copied or distributed to any other party, without the prior express written permission of CS. All trademarks, service marks and logos used in this report are trademarks or service marks or registered trademarks or service marks of CS or its affiliates. The information, tools and material presented in this report are provided to you for information purposes only and are not to be used or considered as an offer or the solicitation of an offer to sell or to buy or subscribe for securities or other financial instruments. CS may not have taken any steps to ensure that the securities referred to in this report are suitable for any particular investor. CS will not treat recipients of this report as its customers by virtue of their receiving this report. The investments and services contained or referred to in this report may not be suitable for you and it is recommended that you consult an independent investment advisor if you are in doubt about such investments or investment services. Nothing in this report constitutes investment, legal, accounting or tax advice, or a representation that any investment or strategy is suitable or appropriate to your individual circumstances, or otherwise constitutes a personal recommendation to you. CS does not advise on the tax consequences of investments and you are advised to contact an independent tax adviser. Please note in particular that the bases and levels of taxation may change. Information and opinions presented in this report have been obtained or derived from sources believed by CS to be reliable, but CS makes no representation as to their accuracy or completeness. CS accepts no liability for loss arising from the use of the material presented in this report, except that this exclusion of liability does not apply to the extent that such liability arises under specific statutes or regulations applicable to CS. This report is not to be relied upon in substitution for the exercise of independent judgment. CS may have issued, and may in the future issue, other communications that are inconsistent with, and reach different conclusions from, the information presented in this report. Those communications reflect the different assumptions, views and analytical methods of the analysts who prepared them and CS is under no obligation to ensure that such other communications are brought to the attention of any recipient of this report. CS may, to the extent permitted by law, participate or invest in financing transactions with the issuer(s) of the securities referred to in this report, perform services for or solicit business from such issuers, and/or have a position or holding, or other material interest, or effect transactions, in such securities or options thereon, or other investments related thereto. In addition, it may make markets in the securities mentioned in the material presented in this report. CS may have, within the last three years, served as manager or co-manager of a public offering of securities for, or currently may make a primary market in issues of, any or all of the entities mentioned in this report or may be providing, or have provided within the previous 12 months, significant advice or investment services in relation to the investment concerned or a related investment. Additional information is, subject to duties of confidentiality, available on request. Some investments referred to in this report will be offered solely by a single entity and in the case of some investments solely by CS, or an associate of CS or CS may be the only market maker in such investments. Past performance should not be taken as an indication or guarantee of future performance, and no representation or warranty, express or implied, is made regarding future performance. Information, opinions and estimates contained in this report reflect a judgment at its original date of publication by CS and are subject to change without notice. The price, value of and income from any of the securities or financial instruments mentioned in this report can fall as well as rise. The value of securities and financial instruments is subject to exchange rate fluctuation that may have a positive or adverse effect on the price or income of such securities or financial instruments. Investors in securities such as ADRs, the values of which are influenced by currency volatility, effectively assume this risk. Structured securities are complex instruments, typically involve a high degree of risk and are intended for sale only to sophisticated investors who are capable of understanding and assuming the risks involved. The market value of any structured security may be affected by changes in economic, financial and political factors (including, but not limited to, spot and forward interest and exchange rates), time to maturity, market conditions and volatility, and the credit quality of any issuer or reference issuer. Any investor interested in purchasing a structured product should conduct their own investigation and analysis of the product and consult with their own professional advisers as to the risks involved in making such a purchase. Some investments discussed in this report may have a high level of volatility. High volatility investments may experience sudden and large falls in their value causing losses when that investment is realised. Those losses may equal your original investment. Indeed, in the case of some investments the potential losses may exceed the amount of initial investment and, in such circumstances, you may be required to pay more money to support those losses. Income yields from investments may fluctuate and, in consequence, initial capital paid to make the investment may be used as part of that income yield. Some investments may not be readily realisable and it may be difficult to sell or realise those investments, similarly it may prove difficult for you to obtain reliable information about the value, or risks, to which such an investment is exposed. This report may provide the addresses of, or contain hyperlinks to, websites. Except to the extent to which the report refers to website material of CS, CS has not reviewed any such site and takes no responsibility for the content contained therein. Such address or hyperlink (including addresses or hyperlinks to CS's own website material) is provided solely for your convenience and information and the content of any such website does not in any way form part of this document. Accessing such website or following such link through this report or CS's website shall be at your own risk. This report is issued and distributed in Europe (except Switzerland) by Credit Suisse Securities (Europe) Limited, One Cabot Square, London E14 4QJ, England, which is authorised by the Prudential Regulation Authority ("PRA") and regulated by the Financial Conduct Authority ("FCA") and the PRA. This report is being distributed in Germany by Credit Suisse Securities (Europe) Limited Niederlassung Frankfurt am Main regulated by the Bundesanstalt fuer Finanzdienstleistungsaufsicht ("BaFin"). This report is being distributed in the United States and Canada by Credit Suisse Securities (USA) LLC; in Switzerland by Credit Suisse AG; in Brazil by Banco de Investimentos Credit Suisse (Brasil) S.A. or its affiliates; in Mexico by Banco Credit Suisse (México), S.A. (transactions related to the securities mentioned in this report will only be effected in compliance with applicable regulation); in Japan by Credit Suisse Securities (Japan) Limited, Financial Instruments Firm, Director-General of Kanto Local Finance Bureau (*Kinsho*) No. 66, a member of Japan Securities Dealers Association, The Financial Futures Association of Japan, Japan Investment Advisers Association, Type II Financial Instruments Firms Association; elsewhere in Asia Pacific by whichever of the following is the appropriately authorised entity in the relevant jurisdiction: Credit Suisse (Hong Kong) Limited, Credit Suisse Equities (Australia) Limited, Credit Suisse Securities (Thailand) Limited, having registered address at 990 Abdulrahman Place, 27 Floor, Unit 2701, Rama IV Road, Silom, Bangkok, Bangkok 10500, Thailand, Tel. +66 2614 6000, Credit Suisse Securities (Malaysia) Sdn Bhd, Credit Suisse AG, Singapore Branch, Credit Suisse Securities (India) Private Limited regulated by the Securities and Exchange Board of India (registration Nos. INB230970637; INF230970637; INB010970631; INF010970631), having registered address at 9th Floor, Ceejay House, Dr.A.B. Road, Worli, Mumbai - 18, India, T- +91-22 6777 3777, Credit Suisse Securities (Europe) Limited, Seoul Branch, Credit Suisse AG, Taipei Securities Branch, PT Credit Suisse Securities Indonesia, Credit Suisse Securities (Philippines) Inc., and elsewhere in the world by the relevant authorised affiliate of the above. Research on Taiwanese securities produced by Credit Suisse AG, Taipei Securities Branch has been prepared by a registered Senior Business Person. Research provided to residents of Malaysia is authorised by the Head of Research for Credit Suisse Securities (Malaysia) Sdn Bhd, to whom they should direct any queries on +603 2723 2020. This report has been prepared and issued for distribution in Singapore to institutional investors, accredited investors and expert investors (each as defined under the Financial Advisers Regulations) only, and is also distributed by Credit Suisse AG, Singapore branch to overseas investors (as defined under the Financial Advisers Regulations). By virtue of your status as an institutional investor, accredited investor, expert investor or overseas investor, Credit Suisse AG, Singapore branch is exempted from complying with certain compliance requirements under the Financial Advisers Act, Chapter 110 of Singapore (the "FAA"), the Financial Advisers Regulations and the relevant Notices and Guidelines issued thereunder, in respect of any financial advisory service which Credit Suisse AG, Singapore branch may provide to you. This research may not conform to Canadian disclosure requirements. In jurisdictions where CS is not already registered or licensed to trade in securities, transactions will only be effected in accordance with applicable securities legislation, which will vary from jurisdiction to jurisdiction and may require that the trade be made in accordance with applicable exemptions from registration or licensing requirements. Non-U.S. customers wishing to effect a transaction should contact a CS entity in their local jurisdiction unless governing law permits otherwise. U.S. customers wishing to effect a transaction should do so only by contacting a representative at Credit Suisse Securities (USA) LLC in the U.S. Please note that this research was originally prepared and issued by CS for distribution to their market professional and institutional investor customers. Recipients who are not market professional or institutional investor customers of CS should seek the advice of their independent financial advisor prior to taking any investment decision based on this report or for any necessary explanation of its contents. This research may relate to investments or services of a person outside of the UK or to other matters which are not authorised by the PRA and regulated by the FCA and the PRA or in respect of which the protections of the PRA and FCA for private customers and/or the UK compensation scheme may not be available, and further details as to where this may be the case are available upon request in respect of this report. CS may provide various services to US municipal entities or obligated persons ("municipalities"), including suggesting individual transactions or trades and entering into such transactions. Any services CS provides to municipalities are not viewed as "advice" within the meaning of Section 975 of the Dodd-Frank Wall Street Reform and Consumer Protection Act. CS is providing any such services and related information solely on an arm's length basis and not as an advisor or fiduciary to the municipality. In connection with the provision of the any such services, there is no agreement, direct or indirect, between any municipality (including the officials, management, employees or agents thereof) and CS for CS to provide advice to the municipality. Municipalities should consult with their financial, accounting and legal advisors regarding any such services provided by CS. In addition, CS is not acting for direct or indirect compensation to solicit the municipality on behalf of an unaffiliated broker, dealer, municipal securities dealer, municipal advisor, or investment adviser for the purpose of obtaining or retaining an engagement by the municipality for or in connection with Municipal Financial Products, the issuance of municipal securities, or of an investment adviser to provide investment advisory services to or on behalf of the municipality. If this report is being distributed by a financial institution other than Credit Suisse AG, or its affiliates, that financial institution is solely responsible for distribution. Clients of that institution should contact that institution to effect a transaction in the securities mentioned in this report or require further information. This report does not constitute investment advice by Credit Suisse to the clients of the distributing financial institution, and neither Credit Suisse AG, its affiliates, and their respective officers, directors and employees accept any liability whatsoever for any direct or consequential loss arising from their use of this report or its content. Principal is not guaranteed. Commission is the commission rate or the amount agreed with a customer when setting up an account or at any time after that.

Copyright © 2013 CREDIT SUISSE AG and/or its affiliates. All rights reserved.

Investment principal on bonds can be eroded depending on sale price or market price. In addition, there are bonds on which investment principal can be eroded due to changes in redemption amounts. Care is required when investing in such instruments.

When you purchase non-listed Japanese fixed income securities (Japanese government bonds, Japanese municipal bonds, Japanese government guaranteed bonds, Japanese corporate bonds) from CS as a seller, you will be requested to pay the purchase price only.