8th January 2016

Healthcare

Roche

Price	CHF	270	.00

Price	CHF270.00	

Bloomberg Reuters 12-month High / Low (CHF) Market Cap (CHFm) Avg. 6m daily volume (000)			ROG VX ROG.VX 286.2 / 241.7 189,692 1,360		
	1 M	3 M	6 M 3	1/12/14	
Absolute perf.	-1.6%	7.8%	3.8%	0.0%	
Healthcare	-3.1%	2.2%	-3.5%	10.6%	
DJ Stoxx 600	-7.0%	-4.0%	-7.0%	1.2%	
	2014	2015e	2016e	2017e	
P/E	18.9x	19.1x	17.1x	15.9x	
Div yield (%)	3.0%	3.0%	3.3%	3.6%	

Encouraging update for atezolizumab in bladder cancer

Fair Value CHF338 (+25%)

BUY

ANALYSIS

- Roche presented updated data from the phase II study IMvigor210 that has been investigating atelizumab, the group's PD-L1 targeting agent, in metastatic urothelial bladder cancer (mUBC), at the ASCO GU meeting. Compared to what had already been disclosed at the ECC meeting last September, the key element is the median overall survival for the high PD-L1 expressers that reached 11.4 months compared to 7.9 months for the overall population. With a median follow-up of 11.7 months, it has also been established that 84% of the responders (from 15% to 26% depending on the level of expression) continued to respond, this time irrespectively of the level of expression and the median duration of response was not yet reached in any PD-L1 subgroup. To note also is that the level of complete responses ranged from 5% to 11% across the various subgroups.
- Based on this more mature data, Roche's statement about regulatory review has progressed and the company is no longer mentioning discussions with the authorities but submission to the FDA under BTD designation "imminently". We would then expect atezolizumab to be filed during Q1 2016 in its first indication, i.e. mUBC.

VALUATION

- In our sales estimates for Roche, atezolizumab gets first reported revenues in late 2016 as we anticipate a filing in mUBC and advanced NSCLC in Q1 2016. So the first part of this schedule is today validated by the company.
- The question in mUBC is whether the label and then the use in practice of atezolizumab will cover the whole spectrum of the indication or preferentially the so-called high-PD-L1 expressers. Our expectation is that it may cover the IC1/2/3 part of the population but not the IC0 which would represent about two-thirds of the 35,000 patients with mUBC in the US and Top5 Europe annually. Considering an average USD80,000 net annual price for the drug and a duration of treatment beyond one year, the underlying targeted market would be close to USD2bn. We would expect atezolizumab to reach at least 50% of it, therefore translating into USD950m peak sales for the drug in this single indication by 2021-22. This is about 45% of the sales estimates we have for the drug in total in 2021, leaving potentially too little for the other indications it is running after, starting with lung which is however a more competitive space.

NEXT CATALYSTS

29 January 2016 : FY 2015 results

Click here to download document

Eric Le Berrigaud, eleberrigaud@bryangarnier.com

Bryan Garnier stock rating system

For the purposes of this Report, the Bryan Garnier stock rating system is defined as follows:

Stock rating

BUY	Positive opinion for a stock where we expect a favourable performance in absolute terms over a period of 6 months from the publication of a
	recommendation. This opinion is based not only on the FV (the potential upside based on valuation), but also takes into account a number of
	elements including a SWOT analysis, positive momentum, technical aspects and the sector backdrop. Every subsequent published update on the stock
	will feature an introduction outlining the key reasons behind the opinion.

- NEUTRAL Opinion recommending not to trade in a stock short-term, neither as a BUYER or a SELLER, due to a specific set of factors. This view is intended to be temporary. It may reflect different situations, but in particular those where a fair value shows no significant potential or where an upcoming binary event constitutes a high-risk that is difficult to quantify. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.
- SELL Negative opinion for a stock where we expect an unfavourable performance in absolute terms over a period of 6 months from the publication of a recommendation. This opinion is based not only on the FV (the potential downside based on valuation), but also takes into account a number of elements including a SWOT analysis, positive momentum, technical aspects and the sector backdrop. Every subsequent published update on the stock will feature an introduction outlining the key reasons behind the opinion.

Distribution of stock ratings

BUY ratings 58.5%

NEUTRAL ratings 33.1%

SELL ratings 8.5%

Research Disclosure Legend

1	Bryan Garnier shareholding in Issuer	Bryan Garnier & Co Limited or another company in its group (together, the "Bryan Garnier Group") has a shareholding that, individually or combined, exceeds 5% of the paid up and issued share capital of a company that is the subject of this Report (the "Issuer").	No
2	Issuer shareholding in Bryan Garnier	The Issuer has a shareholding that exceeds 5% of the paid up and issued share capital of one or more members of the Bryan Garnier Group.	No
3	Financial interest	A member of the Bryan Garnier Group holds one or more financial interests in relation to the Issuer which are significant in relation to this report	No
4	Market maker or liquidity provider	A member of the Bryan Garnier Group is a market maker or liquidity provider in the securities of the Issuer or in any related derivatives.	No
5	Lead/co-lead manager	In the past twelve months, a member of the Bryan Garnier Group has been lead manager or co-lead manager of one or more publicly disclosed offers of securities of the Issuer or in any related derivatives.	No
6	Investment banking agreement	A member of the Bryan Garnier Group is or has in the past twelve months been party to an agreement with the Issuer relating to the provision of investment banking services, or has in that period received payment or been promised payment in respect of such services.	No
7	Research agreement	A member of the Bryan Garnier Group is party to an agreement with the Issuer relating to the production of this Report.	No
8	Analyst receipt or purchase of shares in Issuer	The investment analyst or another person involved in the preparation of this Report has received or purchased shares of the Issuer prior to a public offering of those shares.	No
9	Remuneration of analyst	The remuneration of the investment analyst or other persons involved in the preparation of this Report is tied to investment banking transactions performed by the Bryan Garnier Group.	No
10	Corporate finance client	In the past twelve months a member of the Bryan Garnier Group has been remunerated for providing corporate finance services to the issuer or may expect to receive or intend to seek remuneration for corporate finance services from the Issuer in the next six months.	No
11	Analyst has short position	The investment analyst or another person involved in the preparation of this Report has a short position in the securities or derivatives of the Issuer.	No
12	Analyst has long position	The investment analyst or another person involved in the preparation of this Report has a long position in the securities or derivatives of the Issuer.	No
13	Bryan Garnier executive is an officer	A partner, director, officer, employee or agent of the Bryan Garnier Group, or a member of such person's household, is a partner, director, officer or an employee of, or adviser to, the Issuer or one of its parents or subsidiaries. The name of such person or persons is disclosed above.	No
14	Analyst disclosure	The analyst hereby certifies that neither the views expressed in the research, nor the timing of the publication of the research has been influenced by any knowledge of clients positions and that the views expressed in the report accurately reflect his/her personal views about the investment and issuer to which the report relates and that no part of his/her remuneration was, is or will be, directly or indirectly, related to the specific recommendations or views expressed in the report.	Yes
15	Other disclosures	Other specific disclosures: Report sent to Issuer to verify factual accuracy (with the recommendation/rating, price target/spread and summary of conclusions removed).	No

Summary of Investment Research Conflict Management Policy is available www.bryangarnier.com

BRYAN, GARNIER & CO

London	Paris	New York	Geneva	New Delhi	
Beaufort House	26 Avenue des Champs Elysées	750 Lexington Avenue	rue de Grenus 7	The Imperial Hotel	
15 St. Botolph Street	75008 Paris	New York, NY 10022	CP 2113	Janpath	
London EC3A 7BB	Tel: +33 (0) 1 56 68 75 00	Tel: +1 (0) 212 337 7000	Genève 1, CH 1211	New Delhi 110 001	
Tel: +44 (0) 207 332 2500	Fax: +33 (0) 1 56 68 75 01	Fax: +1 (0) 212 337 7002	Tel +4122 731 3263	Tel +91 11 4132 6062	
Fax: +44 (0) 207 332 2559	Regulated by the	FINRA and SIPC member	Fax+4122731 3243	+91 98 1111 5119	
Authorised and regulated by the	Financial Conduct Authority (FCA) and		Regulated by the	Fax +91 11 2621 9062	
Financial Conduct Authority	the Autorité de Contrôle prudential et de		FINMA		
(FCA)	resolution (ACPR)				

Important information

This document is classified under the FCA Handbook as being investment research (independent research). Bryan Garnier & Co Limited has in place the measures and arrangements required for investment research as set out in the FCA's Conduct of Business Sourcebook.

This report is prepared by Bryan Garnier & Co Limited, registered in England Number 03034095 and its MIFID branch registered in France Number 452 605 512. Bryan Garnier & Co Limited is authorised and regulated by the Financial Conduct Authority (Firm Reference Number 178733) and is a member of the London Stock Exchange. Registered address: Beaufort House 15 St. Botolph Street, London EC3A 7BB, United Kingdom

This Report is provided for information purposes only and does not constitute an offer, or a solicitation of an offer, to buy or sell relevant securities, including securities mentioned in this Report and options, warrants or rights to or interests in any such securities. This Report is for general circulation to clients of the Firm and as such is not, and should not be construed as, investment advice or a personal recommendation. No account is taken of the investment objectives, financial situation or particular needs of any person.

The information and opinions contained in this Report have been compiled from and are based upon generally available information which the Firm believes to be reliable but the accuracy of which cannot be guaranteed. All components and estimates given are statements of the Firm, or an associated company's, opinion only and no express representation or warranty is given or should be implied from such statements. All opinions expressed in this Report are subject to change without notice. To the fullest extent permitted by law neither the Firm nor any associated company accept any liability whatsoever for any direct or consequential loss arising from the use of this Report. Information may be available to the Firm or an associated companies which are not reflected in this Report. The Firm or an associated company may have a consulting relationship with a company which is the subject of this Report.

This Report may not be reproduced, distributed or published by you for any purpose except with the Firm's prior written permission. The Firm reserves all rights in relation to this Report.

Past performance information contained in this Report is not an indication of future performance. The information in this report has not been audited or verified by an independent party and should not be seen as an indication of returns which might be received by investors. Similarly, where projections, forecasts, targeted or illustrative returns or related statements or expressions of opinion are given ("Forward Looking Information") they should not be regarded as a guarantee, prediction or definitive statement of fact or probability. Actual events and circumstances are difficult or impossible to predict and will differ from assumptions. A number of factors, in addition to the risk factors stated in this Report, could cause actual results to differ materially from those in any Forward Looking Information.

Disclosures specific to clients in the United Kingdom

This Report has not been approved by Bryan Garnier & Co Limited for the purposes of section 21 of the Financial Services and Markets Act 2000 because it is being distributed in the United Kingdom only to persons who have been classified by Bryan Garnier & Co Limited as professional clients or eligible counterparties. Any recipient who is not such a person should return the Report to Bryan Garnier & Co Limited and should not rely on it for any purposes whatsoever. Notice to US investors

This research report (the "Report") was prepared by Bryan Garnier & Co Limited for information purposes only. The Report is intended for distribution in the United States to "Major US Institutional Investors" as defined in SEC Rule 15a-6 and may not be furnished to any other person in the United States. Each Major US Institutional Investor which receives a copy of this Report by its acceptance hereof represents and agrees that it shall not distribute or provide this Report to any other person. Any US person that desires to effect transactions in any security discussed in this Report should call or write to our US affiliated broker, Bryan Garnier Securities, LLC. 750 Lexington Avenue, New York NY 10022. Telephone: 1-212-337-7000.

This Report is based on information obtained from sources that Bryan Garnier & Co Limited believes to be reliable and, to the best of its knowledge, contains no misleading, untrue or false statements but which it has not independently verified. Neither Bryan Garnier & Co Limited and/or Bryan Garnier Securities LLC make no guarantee, representation or warranty as to its accuracy or completeness. Expressions of opinion herein are subject to change without notice. This Report is not an offer to buy or sell any security.

Bryan Garnier Securities, LLC and/or its affiliate, Bryan Garnier & Co Limited may own more than 1% of the securities of the company(ies) which is (are) the subject matter of this Report, may act as a market maker in the securities of the company(ies) discussed herein, may manage or co-manage a public offering of securities for the subject company(ies), may sell such securities to or buy them from customers on a principal basis and may also perform or seek to perform investment banking services for the company(ies).

Bryan Garnier Securities, LLC and/or Bryan Garnier & Co Limited are unaware of any actual, material conflict of interest of the research analyst who prepared this Report and are also not

aware that the research analyst knew or had reason to know of any actual, material conflict of interest at the time this Report is distributed or made available..

BRYAN, GARNIER & CO