# Supplementary Materials for Consolidated Financial Results for the 1st Quarter of Fiscal Year 2014. 12 (IFRS) 

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Notes:

1. Portions of this report that refer to performance forecasts or any other future events are believed to be reasonable under information available at the time of the forecasts. Actual results may materially differ from these forecasts due to potential risks and uncertainties.
2. Amounts shown in this report are rounded to the nearest 0.1 billion yen. Variance and $\%$ are calculated based on the amounts shown.
3. 

Exchange rates used for each period are as follows.

| QTR |  |  |  |  |  |  |  |  | (Yen) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | Actual |  |  |  | Actual |  |  |  |
|  |  | FY2013 |  |  |  | FY2014 |  |  |  |
| Average |  | 1-3 | 4-6 | 7-9 | 10-12 | 1-3 | 4-6 | 7-9 | 10-12 |
|  |  | QTR | QTR | QTR | QTR | QTR | QTR | QTR | QTR |
| CHF |  | 99.19 | 104.66 | 106.15 | 111.15 | 115.17 |  |  |  |
| EUR |  | 121.80 | 128.82 | 131.03 | 136.64 | 140.90 |  |  |  |
| USD |  | 92.25 | 98.61 | 98.90 | 100.40 | 102.81 |  |  |  |

YTD

|  | Actual | Actual | Actual |  |  |  | Actual |  |  |  | Forecast |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2011 | FY2012 | FY2013 |  |  |  | FY2014 |  |  |  | FY2014 |
| Average | 1-12 | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-12 |
|  | Full-year | Full-year | YTD | YTD | YTD | Full-year | YTD | YTD | YTD | Full-year | Full-year |
| CHF | 89.86 | 85.12 | 99.19 | 101.94 | 103.34 | 105.24 | 115.17 |  |  |  | 116.00 |
| EUR | 110.92 | 102.59 | 121.80 | 125.33 | 127.21 | 129.51 | 140.90 |  |  |  | 142.00 |
| USD | 79.75 | 79.81 | 92.25 | 95.43 | 96.59 | 97.54 | 102.81 |  |  |  | 104.00 |

Period-end

|  | Actual | Actual | Actual |  |  |  | Actual |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2011 | FY2012 | FY2013 |  |  |  | FY2014 |  |  |  |
| As of | 31 Dec. | 31 Dec. | 31 Mar. | 30 Jun. | 30 Sep. | 31 Dec. | 31 Mar. | 30 Jun. | 30 Sep. | 31 Dec. |
| CHF | 82.59 | 94.16 | 99.11 | 104.05 | 108.46 | 118.42 | 115.93 |  |  |  |
| EUR | 100.62 | 113.68 | 120.64 | 128.23 | 132.87 | 145.16 | 141.40 |  |  |  |
| USD | 77.63 | 86.02 | 94.14 | 98.36 | 98.26 | 105.16 | 102.82 |  |  |  |

## Financial highlights (YTD)

(Billions of yen)

|  | Actual <br> FY2012 | Actual |  |  |  | Actual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY2013 |  |  |  | FY2014 |  |  |  |  |  |  |  |
|  | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-3 | Change <br> (\%) | 1-6 | Change <br> (\%) | 1-9 | Change <br> (\%) | 1-12 | Change (\%) |
|  | YTD | YTD | YTD | YTD | YTD | YTD |  | YTD |  | YTD |  | YTD |  |
| Revenues | 386.6 | 90.4 | 201.0 | 306.5 | 423.7 | 124.0 | +37.2 |  |  |  |  |  |  |
| Sales | 375.2 | 87.0 | 188.8 | 288.8 | 401.3 | 114.2 | +31.3 |  |  |  |  |  |  |
| excl. Tamiflu | 363.2 | 78.7 | 179.8 | 279.7 | 390.2 | 107.3 | +36.3 |  |  |  |  |  |  |
| Domestic | 320.9 | 68.8 | 152.0 | 234.4 | 329.2 | 85.2 | +23.8 |  |  |  |  |  |  |
| Sales to Roche | 25.6 | 5.1 | 18.4 | 31.3 | 42.9 | 16.9 | +231.4 |  |  |  |  |  |  |
| Overseas | 16.7 | 4.8 | 9.4 | 14.0 | 18.1 | 5.2 | +8.3 |  |  |  |  |  |  |
| Tamiflu sales | 12.0 | 8.3 | 9.0 | 9.0 | 11.0 | 6.9 | (16.9) |  |  |  |  |  |  |
| Ordinary use | 10.2 | 7.5 | 8.2 | 8.2 | 10.1 | 6.8 | (9.3) |  |  |  |  |  |  |
| Govt. stockpiles etc. | 1.9 | 0.8 | 0.8 | 0.8 | 0.9 | 0.1 | (87.5) |  |  |  |  |  |  |
| Royalties and other operating income | 11.3 | 3.4 | 12.2 | 17.8 | 22.4 | 9.8 | +188.2 |  |  |  |  |  |  |
| Cost of sales | (168.2) | (40.8) | (88.3) | (133.2) | (187.0) | (55.5) | +36.0 |  |  |  |  |  |  |
| (\% of Sales) | 44.8 | 46.9 | 46.8 | 46.1 | 46.6 | 48.6 | - |  |  |  |  |  |  |
| Gross profit | 218.4 | 49.6 | 112.7 | 173.3 | 236.7 | 68.5 | +38.1 |  |  |  |  |  |  |
| (\% of Revenues) | 56.5 | 54.9 | 56.1 | 56.5 | 55.9 | 55.2 | - |  |  |  |  |  |  |
| Operating expenses | (143.7) | (35.0) | (74.6) | (115.2) | (157.9) | (37.5) | +7.1 |  |  |  |  |  |  |
| (\% of Revenues) | 37.2 | 38.7 | 37.1 | 37.6 | 37.3 | 30.2 | - |  |  |  |  |  |  |
| Marketing and distribution | (67.9) | (16.1) | (34.1) | (52.0) | (71.6) | (16.6) | +3.1 |  |  |  |  |  |  |
| (\% of Revenues) | 17.6 | 17.8 | 17.0 | 17.0 | 16.9 | 13.4 | - |  |  |  |  |  |  |
| Research and development | (66.6) | (16.5) | (34.9) | (54.4) | (74.3) | (18.3) | +10.9 |  |  |  |  |  |  |
| (\% of Revenues) | 17.2 | 18.3 | 17.4 | 17.7 | 17.5 | 14.8 | - |  |  |  |  |  |  |
| General and administration | (9.2) | (2.3) | (5.6) | (8.8) | (12.1) | (2.6) | +13.0 |  |  |  |  |  |  |
| (\% of Revenues) | 2.4 | 2.5 | 2.8 | 2.9 | 2.9 | 2.1 | - |  |  |  |  |  |  |
| Operating profit | 74.7 | 14.7 | 38.1 | 58.2 | 78.7 | 31.1 | +111.6 |  |  |  |  |  |  |
| (\% of Revenues) | 19.3 | 16.3 | 19.0 | 19.0 | 18.6 | 25.1 | - |  |  |  |  |  |  |
| Financing costs | (0.0) | (0.0) | (0.0) | (0.0) | (0.0) | (0.0) | 0.0 |  |  |  |  |  |  |
| Other financial income (expense) | (1.9) | (1.0) | (1.2) | (1.4) | (1.8) | 0.2 | - |  |  |  |  |  |  |
| Profit before taxes | 72.7 | 13.7 | 36.9 | 56.7 | 76.9 | 31.3 | +128.5 |  |  |  |  |  |  |
| (\% of Revenues) | 18.8 | 15.2 | 18.4 | 18.5 | 18.1 | 25.2 | - |  |  |  |  |  |  |
| Income taxes | (25.8) | (4.5) | (11.7) | (17.7) | (25.1) | (12.2) | +171.1 |  |  |  |  |  |  |
| Net income | 46.8 | 9.2 | 25.3 | 39.0 | 51.9 | 19.1 | +107.6 |  |  |  |  |  |  |
| (\% of Revenues) | 12.1 | 10.2 | 12.6 | 12.7 | 12.2 | 15.4 | - |  |  |  |  |  |  |
| Attributable to |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chugai shareholders | 46.1 | 8.9 | 24.7 | 38.2 | 50.9 | 18.8 | +111.2 |  |  |  |  |  |  |
| Non-controlling interests | 0.8 | 0.3 | 0.5 | 0.8 | 1.0 | 0.3 | 0.0 |  |  |  |  |  |  |
| Earnings per share |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Basic (yen) | 84.62 | 16.35 | 45.46 | 70.09 | 93.47 | 34.46 | +110.8 |  |  |  |  |  |  |
| Diluted (yen) | 84.58 | 16.33 | 45.41 | 70.01 | 93.35 | 34.41 | +110.7 |  |  |  |  |  |  |

Other financial income (expense) includes net amount of FX related gains/losses.

## Financial highlights (QTR)

(Billions of yen)

|  | Actual |  |  |  | Actual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2013 |  |  |  | FY2014 |  |  |  |  |  |  |  |
|  | 1-3 | 4-6 | 7-9 | 10-12 | 1-3 | Change (\%) | 4-6 | Change (\%) | 7-9 | Change <br> (\%) | 10-12 | Change <br> (\%) |
|  | QTR | QTR | QTR | QTR | QTR |  | QTR |  | QTR |  | QTR |  |
| Revenues | 90.4 | 110.6 | 105.5 | 117.1 | 124.0 | +37.2 |  |  |  |  |  |  |
| Sales | 87.0 | 101.8 | 99.9 | 112.5 | 114.2 | +31.3 |  |  |  |  |  |  |
| excl. Tamiflu | 78.7 | 101.1 | 99.9 | 110.5 | 107.3 | +36.3 |  |  |  |  |  |  |
| Domestic | 68.8 | 83.2 | 82.4 | 94.8 | 85.2 | +23.8 |  |  |  |  |  |  |
| Sales to Roche | 5.1 | 13.3 | 12.9 | 11.6 | 16.9 | +231.4 |  |  |  |  |  |  |
| Overseas | 4.8 | 4.6 | 4.6 | 4.1 | 5.2 | +8.3 |  |  |  |  |  |  |
| Tamiflu sales | 8.3 | 0.7 | 0.0 | 2.0 | 6.9 | (16.9) |  |  |  |  |  |  |
| Ordinary use | 7.5 | 0.7 | 0.0 | 1.9 | 6.8 | (9.3) |  |  |  |  |  |  |
| Govt. stockpiles etc. | 0.8 | - | - | 0.1 | 0.1 | (87.5) |  |  |  |  |  |  |
| Royalties and other operating income | 3.4 | 8.8 | 5.6 | 4.6 | 9.8 | +188.2 |  |  |  |  |  |  |
| Cost of sales | (40.8) | (47.6) | (44.9) | (53.8) | (55.5) | +36.0 |  |  |  |  |  |  |
| (\% of Sales) | 46.9 | 46.8 | 44.9 | 47.8 | 48.6 | - |  |  |  |  |  |  |
| Gross profit | 49.6 | 63.0 | 60.7 | 63.3 | 68.5 | +38.1 |  |  |  |  |  |  |
| (\% of Revenues) | 54.9 | 57.0 | 57.5 | 54.1 | 55.2 | - |  |  |  |  |  |  |
| Operating expenses | (35.0) | (39.6) | (40.6) | (42.8) | (37.5) | +7.1 |  |  |  |  |  |  |
| (\% of Revenues) | 38.7 | 35.8 | 38.5 | 36.5 | 30.2 | - |  |  |  |  |  |  |
| Marketing and distribution | (16.1) | (18.0) | (17.9) | (19.6) | (16.6) | +3.1 |  |  |  |  |  |  |
| (\% of Revenues) | 17.8 | 16.3 | 17.0 | 16.7 | 13.4 | - |  |  |  |  |  |  |
| Research and development | (16.5) | (18.4) | (19.5) | (19.9) | (18.3) | +10.9 |  |  |  |  |  |  |
| (\% of Revenues) | 18.3 | 16.6 | 18.5 | 17.0 | 14.8 | - |  |  |  |  |  |  |
| General and administration | (2.3) | (3.3) | (3.2) | (3.3) | (2.6) | +13.0 |  |  |  |  |  |  |
| (\% of Revenues) | 2.5 | 3.0 | 3.0 | 2.8 | 2.1 | - |  |  |  |  |  |  |
| Operating profit | 14.7 | 23.5 | 20.0 | 20.6 | 31.1 | +111.6 |  |  |  |  |  |  |
| (\% of Revenues) | 16.3 | 21.2 | 19.0 | 17.6 | 25.1 | - |  |  |  |  |  |  |
| Financing costs | (0.0) | 0.0 | 0.0 | 0.0 | (0.0) | 0.0 |  |  |  |  |  |  |
| Other financial income (expense) | (1.0) | (0.2) | (0.3) | (0.4) | 0.2 | - |  |  |  |  |  |  |
| Profit before taxes | 13.7 | 23.3 | 19.8 | 20.2 | 31.3 | +128.5 |  |  |  |  |  |  |
| (\% of Revenues) | 15.2 | 21.1 | 18.8 | 17.3 | 25.2 | - |  |  |  |  |  |  |
| Income taxes | (4.5) | (7.2) | (6.1) | (7.3) | (12.2) | +171.1 |  |  |  |  |  |  |
| Net income | 9.2 | 16.1 | 13.7 | 12.9 | 19.1 | +107.6 |  |  |  |  |  |  |
| (\% of Revenues) | 10.2 | 14.6 | 13.0 | 11.0 | 15.4 | - |  |  |  |  |  |  |
| Attributable to |  |  |  |  |  |  |  |  |  |  |  |  |
| Chugai shareholders | 8.9 | 15.9 | 13.4 | 12.7 | 18.8 | +111.2 |  |  |  |  |  |  |
| Non-controlling interests | 0.3 | 0.2 | 0.3 | 0.2 | 0.3 | 0.0 |  |  |  |  |  |  |
| Earnings per share |  |  |  |  |  |  |  |  |  |  |  |  |
| Basic (yen) | 16.35 | 29.11 | 24.64 | 23.37 | 34.46 | +110.8 |  |  |  |  |  |  |
| Diluted (yen) | 16.33 | 29.07 | 24.61 | 23.34 | 34.41 | +110.7 |  |  |  |  |  |  |

Other financial income (expense) includes net amount of FX related gains/losses.

Financial highlights（Core results YTD）
（Billions of yen）

|  | $\begin{gathered} \text { Actual } \\ \hline \text { FY2012 } \\ \hline \end{gathered}$ | Actual |  |  |  | Actual |  |  |  |  |  |  |  | Forecast（Jan 30th Announced）FY2014 |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY2013 |  |  |  | FY2014 |  |  |  |  |  |  |  |  |  |
|  | 1－12 | 1－3 | 1－6 | 1－9 | 1－12 | 1－3 | Change （\％） | 1－6 | Change <br> （\％） | 1－9 | Change <br> （\％） | 1－12 | Change <br> （\％） | 1－12 | Change <br> （\％） |
|  | YTD | YTD | YTD | YTD | YTD | YTD |  | YTD |  | YTD |  | YTD |  |  |  |
| RevenuesSales | 386.6 | 90.4 | 201.0 | 306.5 | 423.7 | 124.0 | ＋37．2 |  |  |  |  |  |  | 451.0 | ＋6．4 |
|  | 375.2 | 87.0 | 188.8 | 288.8 | 401.3 | 114.2 | ＋31．3 |  |  |  |  |  |  | 427.0 | ＋6．4 |
| excl．Tamiflu | 363.2 | 78.7 | 179.8 | 279.7 | 390.2 | 107.3 | ＋36．3 |  |  |  |  |  |  | 418.2 | ＋7．2 |
| Domestic | 320.9 | 68.8 | 152.0 | 234.4 | 329.2 | 85.2 | ＋23．8 |  |  |  |  |  |  | 335.7 | ＋2．0 |
| Sales to Roche | 25.6 | 5.1 | 18.4 | 31.3 | 42.9 | 16.9 | ＋231．4 |  |  |  |  |  |  | 64.6 | ＋50．6 |
| Overseas | 16.7 | 4.8 | 9.4 | 14.0 | 18.1 | 5.2 | ＋8．3 |  |  |  |  |  |  | 17.9 | （1．1） |
| Tamiflu sales | 12.0 | 8.3 | 9.0 | 9.0 | 11.0 | 6.9 | （16．9） |  |  |  |  |  |  | 8.8 | （20．0） |
| Ordinary use | 10.2 | 7.5 | 8.2 | 8.2 | 10.1 | 6.8 | （9．3） |  |  |  |  |  |  | 8.8 | （12．9） |
| Govt．stockpiles etc． | 1.9 | 0.8 | 0.8 | 0.8 | 0.9 | 0.1 | （87．5） |  |  |  |  |  |  | 0.1 | （88．9） |
| Royalties and other operating income | 11.3 | 3.4 | 12.2 | 17.8 | 22.4 | 9.8 | ＋188．2 |  |  |  |  |  |  | 24.0 | ＋7．1 |
| Cost of sales | （167．3） | （40．6） | （87．9） | （132．5） | （186．1） | （55．3） | ＋36．2 |  |  |  |  |  |  | （213．0） | ＋14．5 |
| （\％of Sales） | 44.6 | 46.7 | 46.6 | 45.9 | 46.4 | 48.4 | － |  |  |  |  |  |  | 49.9 | － |
| Gross profit | 219.3 | 49.9 | 113.1 | 174.0 | 237.6 | 68.8 | ＋37．9 |  |  |  |  |  |  | 238.0 | ＋0．2 |
| （\％of Revenues） | 56.7 | 55.2 | 56.3 | 56.8 | 56.1 | 55.5 | － |  |  |  |  |  |  | 52.8 |  |
| Operating expenses | （143．7） | （34．8） | （74．4） | （115．0） | （157．7） | （37．3） | ＋7．2 |  |  |  |  |  |  | （167．0） | ＋5．9 |
| Marketing and distribution（\％of Revenues） | 37.2 | 38.5 | 37.0 | 37.5 | 37.2 | 30.1 | － |  |  |  |  |  |  | 37.0 |  |
|  | （67．9） | （16．1） | （34．0） | （51．9） | （71．5） | （16．6） | ＋3．1 |  |  |  |  |  |  |  |  |
| （\％of Revenues） | 17.6 | 17.8 | 16.9 | 16.9 | 16.9 | 13.4 | － |  |  |  |  |  |  |  |  |
| Research and development | （66．6） | （16．4） | （34．8） | （54．3） | （74．1） | （18．2） | ＋11．0 |  |  |  |  |  |  |  |  |
| （\％of Revenues） | 17.2 | 18.1 | 17.3 | 17.7 | 17.5 | 14.7 | － |  |  |  |  |  |  |  |  |
|  | （9．2） | （2．3） | （5．7） | （8．9） | （12．1） | （2．6） | ＋13．0 |  |  |  |  |  |  |  |  |
|  | 2.4 | 2.5 | 2.8 | 2.9 | 2.9 | 2.1 | － |  |  |  |  |  |  |  |  |
| Operating profit | 75.6 | 15.1 | 38.7 | 59.0 | 79.9 | 31.4 | ＋107．9 |  |  |  |  |  |  | 71.0 | （11．1） |
| （\％of Revenues） | 19.6 | 16.7 | 19.3 | 19.2 | 18.9 | 25.3 | － |  |  |  |  |  |  | 15.7 |  |
| Financing costs | （0．0） | （0．0） | （0．0） | （0．0） | （0．0） | （0．0） | 0.0 |  |  |  |  |  |  |  |  |
| Other financial income（expense） | （1．9） | （1．0） | （1．2） | （1．4） | （1．8） | 0.2 | － |  |  |  |  |  |  | 【ね【＂ | そ |
| Profit before taxes | 73.6 | 14.1 | 37.5 | 57.6 | 78.1 | 31.6 | ＋124．1 |  |  |  |  |  |  | ［ | ． |
| （\％of Revenues） | 19.0 | 15.6 | 18.7 | 18.8 | 18.4 | 25.5 | － |  |  |  |  |  |  |  |  |
| Income taxes | （26．2） | （4．6） | （11．9） | （18．1） | （25．5） | （12．3） | ＋167．4 |  |  |  |  |  |  |  |  |
| Net income | 47.4 | 9.5 | 25.6 | 39.5 | 52.6 | 19.3 | ＋103．2 |  |  |  |  |  |  | 【【いさ | 【【 |
| （\％of Revenues） | 12.3 | 10.5 | 12.7 | 12.9 | 12.4 | 15.6 | － |  |  |  |  |  |  |  |  |
| Attributable to |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chugai shareholders | 46.6 | 9.2 | 25.1 | 38.7 | 51.6 | 19.0 | ＋106．5 |  |  |  |  |  |  |  |  |
| Non－controlling interests | 0.8 | 0.3 | 0.5 | 0.8 | 1.0 | 0.3 | 0.0 |  |  |  |  |  |  |  |  |
| Weighted average number of shares in issue used to calculate diluted earnings per share （Millions of shares） | 544 | 545 | 545 | 545 | 545 | 546 | ＋0．2 |  |  |  |  |  |  |  |  |
| Core earnings per share（diluted）（yen） | 85.64 | 16.83 | 46.06 | 70.99 | 94.69 | 34.82 | ＋106．9 |  |  |  |  |  |  | 82.62 | （12．7） |
| Core payout ratio（\％） | 46.7 |  |  |  | 47.5 |  |  |  |  |  |  |  | － | 54.5 |  |
| Dividend per share（Full year）（yen） | 40 |  |  |  | 45 |  |  |  |  |  |  |  | － | 45 | － |
| Dividend per share（Half year）（yen） | 20 |  |  |  | 22 |  |  |  |  |  |  |  | － | 22 | － |

Please see page 5 ＂Reconciliation of IFRS results to Core results＂for the detail of the adjustments．
Core earnings per share（diluted）（yen）：Net income attributable to Chugai shareholders／Weighted average number of shares in issue used to calculate diluted earnings per share
Other financial income（expense）includes net amount of FX related gains／losses．

Financial highlights (Core results QTR)
(Billions of yen)

|  | Actual |  |  |  | Actual |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2013 |  |  |  | FY2014 |  |  |  |  |  |  |  |
|  | 1-3 | 4-6 | 7-9 | 10-12 | 1-3 | Change <br> (\%) | 4-6 | Change <br> (\%) | 7-9 | Change <br> (\%) | 10-12 | Change <br> (\%) |
|  | QTR | QTR | QTR | QTR | QTR |  | QTR |  | QTR |  | QTR |  |
| Revenues | 90.4 | 110.6 | 105.5 | 117.1 | 124.0 | +37.2 |  |  |  |  |  |  |
| Sales | 87.0 | 101.8 | 99.9 | 112.5 | 114.2 | +31.3 |  |  |  |  |  |  |
| excl. Tamiflu | 78.7 | 101.1 | 99.9 | 110.5 | 107.3 | +36.3 |  |  |  |  |  |  |
| Domestic | 68.8 | 83.2 | 82.4 | 94.8 | 85.2 | +23.8 |  |  |  |  |  |  |
| Sales to Roche | 5.1 | 13.3 | 12.9 | 11.6 | 16.9 | +231.4 |  |  |  |  |  |  |
| Overseas | 4.8 | 4.6 | 4.6 | 4.1 | 5.2 | +8.3 |  |  |  |  |  |  |
| Tamiflu sales | 8.3 | 0.7 | 0.0 | 2.0 | 6.9 | (16.9) |  |  |  |  |  |  |
| Ordinary use | 7.5 | 0.7 | 0.0 | 1.9 | 6.8 | (9.3) |  |  |  |  |  |  |
| Govt. stockpiles etc. | 0.8 | - | - | 0.1 | 0.1 | (87.5) |  |  |  |  |  |  |
| Royalties and other operating income | 3.4 | 8.8 | 5.6 | 4.6 | 9.8 | +188.2 |  |  |  |  |  |  |
| Cost of sales | (40.6) | (47.3) | (44.6) | (53.6) | (55.3) | +36.2 |  |  |  |  |  |  |
| (\% of Sales) | 46.7 | 46.5 | 44.6 | 47.6 | 48.4 | - |  |  |  |  |  |  |
| Gross profit | 49.9 | 63.3 | 60.9 | 63.6 | 68.8 | +37.9 |  |  |  |  |  |  |
| (\% of Revenues) | 55.2 | 57.2 | 57.7 | 54.3 | 55.5 | - |  |  |  |  |  |  |
| Operating expenses | (34.8) | (39.6) | (40.6) | (42.7) | (37.3) | +7.2 |  |  |  |  |  |  |
| (\% of Revenues) | 38.5 | 35.8 | 38.5 | 36.5 | 30.1 | - |  |  |  |  |  |  |
| Marketing and distribution | (16.1) | (18.0) | (17.9) | (19.6) | (16.6) | +3.1 |  |  |  |  |  |  |
| (\% of Revenues) | 17.8 | 16.3 | 17.0 | 16.7 | 13.4 | - |  |  |  |  |  |  |
| Research and development | (16.4) | (18.4) | (19.5) | (19.8) | (18.2) | +11.0 |  |  |  |  |  |  |
| (\% of Revenues) | 18.1 | 16.6 | 18.5 | 16.9 | 14.7 | - |  |  |  |  |  |  |
| General and administration | (2.3) | (3.3) | (3.2) | (3.3) | (2.6) | +13.0 |  |  |  |  |  |  |
| (\% of Revenues) | 2.5 | 3.0 | 3.0 | 2.8 | 2.1 | - |  |  |  |  |  |  |
| Operating profit | 15.1 | 23.6 | 20.3 | 20.9 | 31.4 | +107.9 |  |  |  |  |  |  |
| (\% of Revenues) | 16.7 | 21.3 | 19.2 | 17.8 | 25.3 | - |  |  |  |  |  |  |
| Financing costs | (0.0) | 0.0 | 0.0 | 0.0 | (0.0) | 0.0 |  |  |  |  |  |  |
| Other financial income (expense) | (1.0) | (0.2) | (0.3) | (0.4) | 0.2 | - |  |  |  |  |  |  |
| Profit before taxes | 14.1 | 23.5 | 20.1 | 20.5 | 31.6 | +124.1 |  |  |  |  |  |  |
| (\% of Revenues) | 15.6 | 21.2 | 19.1 | 17.5 | 25.5 | - |  |  |  |  |  |  |
| Income taxes | (4.6) | (7.3) | (6.2) | (7.4) | (12.3) | +167.4 |  |  |  |  |  |  |
| Net income | 9.5 | 16.2 | 13.9 | 13.1 | 19.3 | +103.2 |  |  |  |  |  |  |
| (\% of Revenues) | 10.5 | 14.6 | 13.2 | 11.2 | 15.6 | - |  |  |  |  |  |  |
| Attributable to |  |  |  |  |  |  |  |  |  |  |  |  |
| Chugai shareholders | 9.2 | 15.9 | 13.6 | 12.9 | 19.0 | +106.5 |  |  |  |  |  |  |
| Non-controlling interests | 0.3 | 0.2 | 0.3 | 0.2 | 0.3 | 0.0 |  |  |  |  |  |  |
| Core earnings per share (diluted) (yen) | 16.83 | 29.23 | 24.93 | 23.71 | 34.82 | +106.9 |  |  |  |  |  |  |

Other financial income (expense) includes net amount of FX related gains/losses.

## Reconciliation of IFRS results to Core results

(Billions of yen)

|  | FY2013 |  |  |  | FY2014 |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | 1-3 |  |  |  | 1-3 |  |  |  |
|  | IFRS results | Intangible assets and Business combinations | Other eliminated items | Core results | IFRS results | Intangible assets and Business combinations | Other eliminated items | Core results |
| Revenues | 90.4 | - | - | 90.4 | 124.0 | - | - | 124.0 |
| Sales | 87.0 | - | - | 87.0 | 114.2 | - | - | 114.2 |
| Royalties and other operating income | 3.4 | - | - | 3.4 | 9.8 | - | - | 9.8 |
| Cost of sales | (40.8) | 0.2 | - | (40.6) | (55.5) | 0.2 | - | (55.3) |
| Gross profit | 49.6 | 0.2 | - | 49.9 | 68.5 | 0.2 | - | 68.8 |
| Operating expenses | (35.0) | 0.0 | 0.2 | (34.8) | (37.5) | 0.0 | 0.1 | (37.3) |
| Marketing and distribution | (16.1) | 0.0 | 0.1 | (16.1) | (16.6) | 0.0 | - | (16.6) |
| Research and development | (16.5) | 0.0 | 0.1 | (16.4) | (18.3) | 0.0 | 0.1 | (18.2) |
| General and administration | (2.3) | - | 0.0 | (2.3) | (2.6) | - | 0.0 | (2.6) |
| Operating profit | 14.7 | 0.2 | 0.2 | 15.1 | 31.1 | 0.3 | 0.1 | 31.4 |
| Financing costs | (0.0) | - | - | (0.0) | (0.0) | - | - | (0.0) |
| Other financial income (expense) | (1.0) | - | - | (1.0) | 0.2 | - | - | 0.2 |
| Profit before taxes | 13.7 | 0.2 | 0.2 | 14.1 | 31.3 | 0.3 | 0.1 | 31.6 |
| Income taxes | (4.5) | (0.1) | (0.0) | (4.6) | (12.2) | (0.1) | (0.0) | (12.3) |
| Net income | 9.2 | 0.1 | 0.1 | 9.5 | 19.1 | 0.2 | 0.1 | 19.3 |
| Attributable to |  |  |  |  |  |  |  |  |
| Chugai shareholders | 8.9 | 0.1 | 0.1 | 9.2 | 18.8 | 0.2 | 0.1 | 19.0 |
| Non-controlling interests | 0.3 | - | - | 0.3 | 0.3 | - | - | 0.3 |

## Core results

Chugai discloses its results on a Core basis from 2013 in conjunction with its decision to apply IFRS. Core results are the results after adjusting non-Core items to IFRS results, and are consistent with the Core concept disclosed by Roche. Core results are used by Chugai as an internal performance indicator, for explaining the underlying business performance both internally and externally, and as the basis for payment-by-results such as a return to shareholders.
The table above shows the reconciliation of IFRS results into Core results. The detail is as below.
Intangible assets and Business combinations
Amortization of intangible assets ( 0.2 billion yen in 2013 and 0.3 billion yen in 2014)
Impairment of intangible assets (none in 2013 and 2014)
Business combinations (none in 2013 and 2014)
Other eliminated items
Restructuring expenses, ( 0.2 billion yen in 2013 and 0.1 billion yen in 2014)
Legal costs and environmental costs (immaterial in 2013 and 2014)
Discontinued operations (none in 2013 and 2014)
Other profit or losses occurred from non-pharma business(none in 2013 and 2014) Forecast


Other products in Bone and joint diseases area contain 16.1bilion yen Evista which Chugai terminated co-marketing at the end of fiscal year 2012
Kadcyla sales forecast has individually disclosed from consolidated financial results announcement for the 1st quarter on April 24th. Sales forecast for this fiscal year is unchanged from the announcement of January 30 th.


## Movements of assets and liabilities (Assets, Liabilities, and Net Assets)

|  | Actual | Actual |  |  |  | Actual |  |  |  |  |  |  |  |  |  |  |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | FY2012 | FY2013 |  |  |  | FY2014 |  |  |  |  |  |  |  |  |  |  |
|  | Dec. 31 | Mar. 31 | Jun. 30 | Sep. 30 | Dec. 31 | Mar. 31 | vs. Mar. 31.2013 | vs. Dec. 31, 2013 | Jun. 30 | vs. Jun. 30, 2013 | vs. Dec. 31, 2013 | Sep. 30 | vs. Sep. 30, 2013 | vs. Dec. 31, 2013 | Dec. 31 | vs. Dec. 31, 2013 |
| Trade accounts receivable | 115.7 | 97.5 | 109.2 | 102.6 | 111.1 | 121.4 | 23.9 | 10.3 |  |  |  |  |  |  |  |  |
| Inventories | 108.4 | 116.2 | 114.1 | 128.6 | 128.5 | 129.5 | 13.3 | 1.0 |  |  |  |  |  |  |  |  |
| Trade accounts payable | (41.8) | (35.0) | (33.6) | (42.6) | (35.9) | (43.9) | (8.9) | (8.0) |  |  |  |  |  |  |  |  |
| Other net working capital | (24.4) | (21.9) | (18.6) | (20.9) | (26.6) | (19.9) | 2.0 | 6.7 |  |  |  |  |  |  |  |  |
| Net working capital | 157.9 | 156.8 | 171.1 | 167.7 | 177.1 | 187.0 | 30.2 | 9.9 |  |  |  |  |  |  |  |  |
| Property, plant and equipment | 143.1 | 141.3 | 139.9 | 138.4 | 140.4 | 139.4 | (1.9) | (1.0) |  |  |  |  |  |  |  |  |
| Intangible assets | 6.5 | 6.6 | 7.2 | 8.4 | 9.5 | 9.4 | 2.8 | (0.1) |  |  |  |  |  |  |  |  |
| Other long-term assets - net | 0.4 | (2.8) | (2.1) | (2.5) | (1.8) | (1.9) | 0.9 | (0.1) |  |  |  |  |  |  |  |  |
| Long-term net operating assets | 150.0 | 145.2 | 145.0 | 144.3 | 148.1 | 147.0 | 1.8 | (1.1) |  |  |  |  |  |  |  |  |
| Net operating assets | 307.9 | 301.9 | 316.1 | 312.0 | 325.2 | 333.9 | 32.0 | 8.7 |  |  |  |  |  |  |  |  |
| Debt | (0.3) | (0.3) | (0.3) | (0.2) | (0.2) | (0.2) | 0.1 | 0.0 |  |  |  |  |  |  |  |  |
| Marketable securities | 116.5 | 111.3 | 122.9 | 112.5 | 119.6 | 115.5 | 4.2 | (4.1) |  |  |  |  |  |  |  |  |
| Cash and cash equivalents | 95.4 | 100.6 | 100.5 | 112.4 | 115.1 | 115.0 | 14.4 | (0.1) |  |  |  |  |  |  |  |  |
| Net cash | 211.7 | 211.6 | 223.2 | 224.6 | 234.4 | 230.3 | 18.7 | (4.1) |  |  |  |  |  |  |  |  |
| Other non-operating assets - net | 9.6 | 16.6 | 9.6 | 15.3 | 13.6 | 13.1 | (3.5) | (0.5) |  |  |  |  |  |  |  |  |
| Net non-operating assets | 221.3 | 228.2 | 232.7 | 239.9 | 248.0 | 243.4 | 15.2 | (4.6) |  |  |  |  |  |  |  |  |
| Total net assets | 529.2 | 530.1 | 548.8 | 551.9 | 573.2 | 577.4 | 47.3 | 4.2 |  |  |  |  |  |  |  |  |
| Total net assets |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Total assets | 645.3 | 632.2 | 654.5 | 671.6 | 697.2 | 701.6 | 69.4 | 4.4 |  |  |  |  |  |  |  |  |
| Total liabilities | (116.2) | (102.1) | (105.7) | (119.7) | (124.0) | (124.2) | (22.1) | (0.2) |  |  |  |  |  |  |  |  |
| Attributable to |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| Chugai shareholders | 528.0 | 529.1 | 547.4 | 550.7 | 571.7 | 576.0 | 46.9 | 4.3 |  |  |  |  |  |  |  |  |
| Non-controlling interests | 1.2 | 1.1 | 1.4 | 1.2 | 1.5 | 1.4 | 0.3 | (0.1) |  |  |  |  |  |  |  |  |

Trade accounts receivable:trade receivable and notes receivable
Trade accounts payable:trade payable and notes payable
Other net working capital: accrued receivable (other receivable), accrued payable (other payable), accrued expenses (other current liabilities) etc.
Other long-term assets - net:long-term prepaid expenses, long-term provisions etc.
Other non-operating assets - net: deferred income tax assets, current income tax liabilities etc.
Movements of assets and liabilities
The consolidated balance sheet has been prepared in accordance with the IAS No. 1, "Presentation of Financial Statements". On the other hand, "Movements of assets and liabilities" including net operating assets (NOA) are a reconfiguration of the consolidated balance sheet as internal indicators and are identical to the indicators disclosed by Roche. Furthermore, no items from the assets and liabilities of IFRS have been excluded, as the Core results concept only applies to the income statement.

## Movements of free cash flows

(Billions of yen)

|  |  |  |  |  |  |  |  |  | of yen |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  | $\begin{aligned} & \hline \text { Actual } \\ & \hline \text { FY2012 } \\ & \hline \end{aligned}$ | Actual |  |  |  | Actual |  |  |  |
|  |  | FY2013 |  |  |  | FY2014 |  |  |  |
|  | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 |
|  | YTD | YTD | YTD | YTD | YTD | YTD | YTD | YTD | YTD |
| Operating profit - IFRS basis | 74.7 | 14.7 | 38.1 | 58.2 | 78.7 | 31.1 |  |  |  |
| Depreciation and impairment of property, plant and equipment | 13.6 | 3.5 | 7.2 | 11.8 | 15.2 | 3.4 |  |  |  |
| Amortization and impairment of intangible assets | 0.9 | 0.2 | 0.5 | 0.7 | 1.1 | 0.3 |  |  |  |
| Other cash adjustment on operating profit | (0.9) | 0.5 | 1.3 | 2.0 | 2.3 | 1.4 |  |  |  |
| Operating profit, net of operating cash adjustments | 88.2 | 18.9 | 47.2 | 72.7 | 97.3 | 36.1 |  |  |  |
| (Increase) decrease in trade accounts receivable | (6.4) | 18.4 | 6.8 | 13.4 | 4.9 | (10.3) |  |  |  |
| (Increase) decrease in inventories | (5.4) | (7.8) | (6.1) | (20.7) | (20.5) | (1.9) |  |  |  |
| Increase (decrease) in trade accounts payable | 24.3 | (6.9) | (8.4) | 0.7 | (6.0) | 8.0 |  |  |  |
| Other change in net working capital | 5.9 | 3.2 | (1.9) | 0.1 | 1.9 | (3.2) |  |  |  |
| Total (increase) decrease in net working capital | 18.4 | 6.9 | (9.7) | (6.6) | (19.7) | (7.4) |  |  |  |
| Investment in property, plant and equipment | (14.8) | (4.6) | (6.5) | (9.4) | (11.3) | (5.6) |  |  |  |
| Investment in intangible assets | (0.8) | (0.2) | (0.4) | (1.7) | (3.4) | (0.7) |  |  |  |
| Operating free cash flow | 91.0 | 21.0 | 30.6 | 55.0 | 63.0 | 22.4 |  |  |  |
| as \% of revenues | 23.5\% | 23.2\% | 15.2\% | 17.9\% | 14.9\% | 18.1\% |  |  |  |
| Treasury activities (interest income/expenses, foreign exchange gains/losses etc.) | (3.5) | (0.0) | 0.5 | 0.2 | (0.2) | (0.3) |  |  |  |
| Tax paid | (25.5) | (11.7) | (11.9) | (23.4) | (23.8) | (12.9) |  |  |  |
| Dividends paid | (22.7) | (11.2) | (11.4) | (23.7) | (23.9) | (12.8) |  |  |  |
| Free cash flow | 39.3 | (1.9) | 7.8 | 8.2 | 15.0 | (3.6) |  |  |  |
| Transaction in own equity instruments | 0.0 | 0.3 | 0.6 | 0.6 | 0.8 | 0.3 |  |  |  |
| Net effect of currency translation on net cash | 2.8 | 1.5 | 3.1 | 4.1 | 6.9 | (0.8) |  |  |  |
| Net change in net cash | 42.2 | (0.1) | 11.5 | 13.0 | 22.7 | (4.1) |  |  |  |

 doubtful accounts, stock option expenses, loss on asset retirement, and increase/decrease in reserves) as well as all non-operating income and expense cash flows relating to net operating assets (NOA) (including proceeds from the sales of assets and reserve payments).
 activities as operating profit, net of operating cash adjustments
Free cash flow: the ability to generate net cash from a management perspective after deducting tax, dividends, and other payments from operating FCF
Net change in net cash: increases and decreases in marketable securities and interest-bearing debt are included
The concepts of operating profit, operating FCF and movements of assets and liabilities including NOA presented in the previous page are mutually consistent.

## Movements of free cash flows

 indicators and is identical to the indicators disclosed by Roche. Furthermore, no items from the FCF have been excluded, as the Core results concept only applies to the income statement.

## Performance indicators

|  | Units | Actual | Actual |  |  |  | Actual |  |  |  | Forecast (Jan 30th announced) |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | FY2012 | FY2013 |  |  |  | FY2014 |  |  |  | FY2014 |
|  |  | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-3 | 1-6 | 1-9 | 1-12 | 1-12 |
|  |  | As of Dec. 31 | As of Mar. 31 | As of Jun. 30 | As of Sep. 30 | As of Dec. 31 | As of Mar. 31 | As of Jun. 30 | As of Sep. 30 | As of Dec. 31 | As of Dec. 31 |
| Ratio of net income to equity attributable to Chugai shareholders (ROE) | \% | 9.0 | 1.7 | 4.6 | 7.1 | 9.3 | 3.3 |  |  |  |  |
| Ratio of profit before taxes to total assets (ROA) | \% | 11.8 | 2.2 | 5.7 | 8.6 | 11.5 | 4.5 |  |  |  |  |
| Ratio of equity attributable to Chugai shareholders | \% | 81.8 | 83.7 | 83.6 | 82.0 | 82.0 | 82.1 |  |  |  |  |
| Equity per share attributable to Chugai shareholders (BPS) | Yen | 970.08 | 971.73 | 1,005.19 | 1,011.10 | 1,049.47 | 1,057.03 |  |  |  |  |
| Ratio of dividends to equity attributable to Chugai shareholders (DOE) | \% | 4.2 | 4.5 |  |  |  |  |  |  |  |  |
| Core return on net operating assets (Core RONOA) | \% | 15.4 | 3.1 | 8.1 | 12.7 | 16.2 | 5.8 |  |  |  |  |
| Cash conversion cycle (CCC) | Months | 8.5 | 9.3 | 8.9 | 9.0 | 9.3 | 7.8 |  |  |  |  |
| Net cash turnover period | Months | 6.6 | 7.0 | 6.7 | 6.6 | 6.6 | 5.6 |  |  |  |  |
| Number of employees |  | 6,836 | 6,812 | 6,898 | 6,881 | 6,872 | 6,904 |  |  |  |  |
| Investment on property, plant and equipment | Billions of yen | 14.2 | 1.7 | 4.1 | 7.5 | 13.0 | 2.5 |  |  |  | 18.0 |
| Depreciation | Billions of yen | 13.3 | 3.5 | 6.9 | 10.3 | 13.5 | 3.4 |  |  |  | 14.0 |
| Investment on intangible assets | Billions of yen | 0.8 |  |  |  | 4.0 |  |  |  |  |  |
| Amortization | Billions of yen | 0.9 |  |  |  | 1.0 |  |  |  |  |  |

Core RONOA: Core operating profit / Net operating assets
CCC:[Trade accounts receivable/Sales + (Inventories - Trade accounts payable)/Cost of sales]* passed months
Net cash turnover period: Net cash/Revenue* passed months
Ratio of net income to equity attributable to Chugai shareholders (ROE), Ratio of profit before taxes to total assets (ROA), and Core return on net operating assets (Core RONOA) are not annualized.

## Development pipeline (as of April 24, 2014)

| Development code (Compound number) | Indication \# Additional indication | Stage <br> (date) | Generic name Product name Dosage form | Origin <br> Overseas name (Collaborator) | Mode of Action |
| :---: | :---: | :---: | :---: | :---: | :---: |
| Oncology |  |  |  |  |  |
| $\begin{aligned} & \text { RG435 } \\ & \text { (RO4876646) } \end{aligned}$ | Ovarian cancer \# | Approved $(13 / 11)$ | bevacizumab <br> Avastin <br> Injection | Roche Avastin | Anti-VEGF(Vascular Endothelial Growth Factor) humanized monoclonal antibody |
|  | Breast cancer (adjuvant) \# | Phase III <br> Multinational study |  |  |  |
| $\begin{aligned} & \hline \text { RG3502 } \\ & \text { (RO5304020) } \end{aligned}$ | Breast cancer | Launched $(14 / 04)$ | trastuzumab emtansine Kadcyla Injection | Roche Kadcyla | Anti-HER2 antibody-tubulin polymerization inhibitor conjugate |
|  | Breast cancer (adjuvant) \# | Phase III <br> Multinational study |  |  |  |
|  | Gastric cancer \# | Phase II / III <br> Multinational study |  |  |  |
| AF802 / RG7853 (CH5424802/RO54248 02) | Non-small cell lung cancer | $\begin{gathered} \hline \text { Filed } \\ (13 / 10) \\ \hline \end{gathered}$ | alectinib <br> Oral | In-house <br> (Roche) | ALK inhibitor |
|  |  | Phase I/II <br> Overseas |  |  |  |
| $\begin{aligned} & \text { RG7204 } \\ & \text { (RO5185426) } \end{aligned}$ | Melanoma | $\begin{gathered} \text { Filed } \\ (14 / 04) \end{gathered}$ | vemurafenib <br> Oral | Roche <br> Zelboraf | BRAF inhibitor |
| $\begin{aligned} & \text { RG1273 } \\ & \text { (RO4368451) } \end{aligned}$ | Breast cancer (adjuvant) \# | Phase III <br> Multinational study | pertuzumab <br> Perjeta <br> Injection | Roche Perjeta | HER2 dimerization inhibitory humanized monoclonal antibody |
|  | Gastric cancer \# | Phase III <br> Multinational study |  |  |  |
| GA101 / RG7159 (RO5072759) | Indolent NHL | Phase III <br> Multinational study | obinutuzumab Injection | Roche <br> Gazyva <br> (Nippon Shinyaku) | Glycoengineered type II anti-CD20 monoclonal antibody |
|  | Aggressive NHL | Phase III <br> Multinational study |  |  |  |
| $\begin{aligned} & \text { RG7446 } \\ & \text { (MPDL3280A) } \end{aligned}$ | Non-small cell lung cancer | Phase III <br> Multinational study | Injection | Roche | Engineered anti-PDL1 monoclonal antibody |

Chugai Pharmaceutical Co., Ltd. (4519) Supplementary Materials for Consolidated Financial Results for the 1st quarter of FY2014 (IFRS)

| Development code (Compound number) | Indication \# Additional indication | Stage <br> (date) | Generic name Product name Dosage form | Origin <br> Overseas name (Collaborator) | Mode of Action |
| :---: | :---: | :---: | :---: | :---: | :---: |
| GC33 / RG7686 <br> (GC33/RO5137382) | Liver cancer | Phase II <br> Multinational study | Injection | In-house <br> (Roche) | Anti-Glypican-3 humanized monoclonal antibody |
| $\begin{aligned} & \text { RG340 } \\ & \text { (Ro09-1978) } \end{aligned}$ | Gastric cancer (adjuvant) \# | Phase II | capecitabine <br> Xeloda <br> Oral | Roche <br> Xeloda <br> (Yakult Honsha) | Antimetabolite, 5-FU derivative |
| CKI27 / RG7304 (RO5126766) | Solid tumors | Phase I <br> Phase I <br> Overseas | Oral | In-house <br> (Roche) | Raf and MEK dual inhibitor |
| $\begin{aligned} & \text { RG7321 } \\ & \text { (GDC-0941) } \end{aligned}$ | Solid tumors | Phase I | pictilisib <br> Oral | Roche | PI3K inhibitor |
| $\begin{aligned} & \text { RG3638 } \\ & \text { (RO5490258/ } \\ & \text { PRO143966) } \end{aligned}$ | Non-small cell lung cancer | Development Discontinued | onartuzumab <br> Injection | Roche | Anti-Met humanized monoclonal antibody (MetMAb) |
| RG7414 <br> (RO5490248) | Solid tumors | Development Discontinued | parsatuzumab <br> Injection | Roche | Anti-EGFL7 humanized monoclonal antibody |
| Bone and Joint Diseases |  |  |  |  |  |
| RG484 <br> (Ro200-5450po) | Osteoporosis | Phase III | Ibandronic acid Bonviva Oral | Roche <br> Boniva (US) / <br> Bonviva (EU) <br> (Taisho Pharmaceutical) | Bisphosphonate |
| NRD101 <br> (NRD101) | Enthesopathy <br> (Lateral epicondylitis, Patellar tendinitis, Achilles tendinopathy, Plantar fasciitis) \# | Phase III | sodium hyaluronate Suvenyl Injection | In-house | Sodium hyaluronate |
| Autoimmune Diseases |  |  |  |  |  |
| MRA <br> (MRA-SC) | Rheumatoid arthritis (new formulation: subcutaneous injection) | $\begin{gathered} \text { Filed } \\ (12 / 12) \\ \text { EU } \end{gathered}$ | tocilizumab <br> Actemra / <br> RoActemra(EU) <br> Injection | In-house <br> (Roche) | Humanized anti-human IL-6 receptor monoclonal antibody |

Chugai Pharmaceutical Co., Ltd. (4519) Supplementary Materials for Consolidated Financial Results for the 1st quarter of FY2014 (IFRS)

| Development code (Compound number) | Indication \# Additional indication | Stage <br> (date) | Generic name Product name Dosage form | Origin <br> Overseas name (Collaborator) | Mode of Action |
| :---: | :---: | :---: | :---: | :---: | :---: |
| MRA <br> (RO4877533) | Giant cell arteritis \# | Phase III Overseas | tocilizumab <br> Actemra / <br> RoActemra(EU) <br> Injection | In-house <br> (Roche) | Humanized anti-human IL-6 receptor monoclonal antibody |
|  | Systemic sclerosis \# | Phase II <br> Overseas |  |  |  |
| SA237 <br> (SA237) | Neuromyelitis optica (NMO) | Phase III Multinational study* | Injection | In-house | Anti-IL-6 receptor humanized monoclonal antibody |
| RG7415 <br> (PRO155767) | Systemic lupus erythematosus (SLE) | Phase I | rontalizumab <br> Injection | Roche | Anti-interferon alpha humanized monoclonal antibody |
| Central Nervous System |  |  |  |  |  |
| $\begin{aligned} & \text { RG1678 } \\ & \text { (RO4917838) } \end{aligned}$ | Schizophrenia | Phase III Multinational study | bitopertin <br> Oral | Roche | Glycine reuptake inhibitor |
| $\begin{aligned} & \hline \text { RG7090 } \\ & \text { (RO4917523) } \end{aligned}$ | Major depressive disorder | Phase II Multinational study | Oral | Roche | mGluR5 antagonist |
| RG1450 <br> (RO4909832) | Alzheimer's disease | Phase I | gantenerumab <br> Injection | Roche/MorphoSys | Anti-amyloid-beta human monoclonal antibody |
| RG1577 <br> (RO4602522) | Alzheimer's disease | Phase I | Oral | Roche | MAO-B inhibitor |
| Respiratory Diseases |  |  |  |  |  |
| $\begin{aligned} & \text { RG3637 } \\ & \text { (RO5490255) } \end{aligned}$ | Asthma | Phase III Multinational study | lebrikizumab <br> Injection | Roche | Anti-IL-13 humanized monoclonal antibody |
| Others |  |  |  |  |  |
| CIM331 <br> (CIM331) | Atopic dermatitis | Phase II Multinational study* | Injection | In-house | Anti-IL-31 receptor humanized monoclonal antibody |

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| Development code (Compound number) | Indication \# Additional indication | Stage <br> (date) | Generic name Product name Dosage form | Origin Overseas name (Collaborator) | Mode of Action |
| :---: | :---: | :---: | :---: | :---: | :---: |
| ACE910 <br> (ACE910) | Hemophilia A | Phase I/ II | Injection | In-house | Anti-factor IXa $\times$ anti-factor X humanized bispecific antibody |
| RG7652 | Hyperlipidemia | Phase I <br> Overseas | Injection | Roche | Anti-PCSK9 human monoclonal antibody |
| URC102 <br> (URC102) | Gout | Phase I <br> Overseas | Oral | In-house <br> (JW Pharmaceutical) | URAT1 inhibitor |

* Multinational study managed by Chugai

Changes from the last announcement on January 30, 2014

Oncology
-RG3502
-RG7204
-RG7446(MPDL3280A)
-RG3638
-RG7414
Autoimmune Diseases
-SA237

Approved $\rightarrow$ Launched (Breast cancer)
Phase III multinational study (Breast cancer adjuvant: development started)
Phase I/II $\rightarrow$ Filed (Melanoma)
Phase I (Solid tumors) $\rightarrow$ Phase III multinational study (Non-small cell lung cancer)
Phase III multinational study (Non-small cell lung cancer) $\rightarrow$ Development discontinued
Phase I (Solid tumors) $\rightarrow$ Development discontinued

Phase I (Rheumatoid arthritis) $\rightarrow$ Phase III multinational study (Neuromyelitis optica)

R\&D Activities (Jan. 30, 2014 - Apr. 24, 2014)
As for clinical development activities in Japan, the company saw progress as described below:

## Oncology

- We launched the anti-HER2 antibody-tubulin polymerization inhibitor conjugate RG3502 (product name: Kadcyla) for the indication of HER2-positive inoperable or recurrent breast cancer on April 18. In January, we started a Phase III multinational study (expected indication: breast cancer (adjuvant))
- We filed an application for the BRAF inhibitor RG7204 in April for the indication of melanoma with BRAF ${ }^{V 600}$ mutation
- We started a Phase III multinational study (expected indication: non-small cell lung cancer) for the engineered anti-PDL1 monoclonal antibody, RG7446 in February.
- An independent data monitoring committee recommended to stop a Phase III multinational study (the METLung study) for the humanized anti-Met monoclonal antibody RG3638 in March. Accordingly, we decided to discontinue development of RG3638 for non-small cell lung cancer in April.
- We decided to discontinue development of the anti-EGFL7 humanized monoclonal antibody RG7414 in February since predetermined efficacy criteria were not satisfied in overseas clinical trials. A Phase I study has been in progress for solid tumors.
- We deleted the MEK inhibitor CIF and the PI3K inhibitor PA799 from our development pipeline with due consideration for priorities.

Autoimmune diseases

- We started a Phase III multinational study (expected indication: Neuromyelitis optica) for the humanized anti-human IL-6 receptor monoclonal antibody SA237 in February.

Major clinical trials in oncology field currently running in Japan

| Theme | Expected Indication | Regimen | Stage | Planned Filing Date |
| :---: | :---: | :---: | :---: | :---: |
| RG435 (bevacizumab) Avastin | Breast cancer (adjuvant) | standard chemotherapy $\pm$ RG435 | BEATRICE study <br> Phase III multinational study | 2015 |
| RG3502 <br> (trastuzumab emtansine) Kadcyla | Breast cancer (1st line) | trastuzumab + chemotherapy vs $R G 3502 \pm R G 1273$ | MARIANNE study <br> Phase III multinational study | - |
|  | Breast cancer (adjuvant) | $\begin{gathered} \text { RG3502 + RG1273 vs. } \\ \text { trastuzumab + RG1273 + chemotherapy } \end{gathered}$ | KAITLIN study Phase III multinational study | Post 2017 |
|  | Gastric cancer | RG3502 vs chemotherapy | GATSBY study <br> Phase II / III multinational study | 2015 |
| RG1273 (pertuzumab) Perjeta | Breast cancer (adjuvant) | trastuzumab + chemotherapy $\pm$ RG1273 | APHINITY study <br> Phase III multinational study | Post 2017 |
|  | Gastric cancer | trastuzumab + chemotherapy $\pm$ RG1273 | JACOB study <br> Phase III multinational study | Post 2017 |
| GA101/ RG7159 (obinutuzumab) | Indolent NHL | GA101 + chemotherapy vs rituximab + chemotherapy (G-chemo vs R-chemo) | GALLIUM study Phase III multinational study | Post 2017 |
|  | Aggressive NHL | GA101 + CHOP vs rituximab +CHOP (G-CHOP vs R-CHOP) | GOYA study <br> Phase III multinational study | 2016 |
| RG7446 (MPDL3280A) | Non-small cell lung cancer | RG7446 vs. docetaxel | OAK study Phase III multinational study | 2016 |
| RG340 (capecitabine) Xeloda | Gastric cancer (adjuvant) | RG340 + oxaliplatin | Phase II | 2014 |

