#### Financial Summary Consolidated Financial Results for the Six Months Ended September 30, 2020 (2Q FY2020) (Japanese standard)

October 26, 2020

Listed company name: JCR Pharmaceuticals Co., Ltd.

Listed stock exchange: Tokyo Stock Exchange

Code number: 4552 URL: https://www.jcrpharm.co.jp/

Representative (Title) Representative Director, Chairman and President

(Name) Shin Ashida

Person in charge of inquires (Title) Senior Corporate Officer, Executive Director, Administration Division

(Name) Akihiro Haguchi TEL: 0797(32)1995

Scheduled date to file quarterly report: November 12, 2020

Scheduled date to commence dividend payments: December 10, 2020

Preparation of supplemental information for the financial summary for the quarterly financial results: Yes

IR Conference: To be held (for institutional investors and analysts)

(Fractions smaller than one million yen omitted)

#### 1. Consolidated Financial Results for 2Q FY2020 (Apr. 1, 2020 to Sep. 30, 2020)

(1) Consolidated Operating Results (Cumulative)

(Percentage figures represent year-on-year changes.)

|                  | Net Sale    | es    | Operating I | ncome  | Ordinary Income |        | Profit Attributable to<br>Owners of Parent |        |
|------------------|-------------|-------|-------------|--------|-----------------|--------|--|--------|
| Six Months Ended | Million yen | %     | Million yen | %      | Million yen     | %      | Million yen                                | %      |
| Sep. 30, 2020    | 10,951      | (2.5) | 1,307       | 31.0   | 1,351           | 37.7   | 1,227                                      | 33.0   |
| Sep. 30, 2019    | 11,236      | 9.3   | 998         | (48.7) | 981             | (51.1) | 992  | (33.0) |

(Reference) Comprehensive income: Six months ended Sep. 30, 2020: 1,282 million yen (71.5%), Six months ended Sep. 30, 2019: 747 million yen ((52.6)%)

|                  | Net income per Share | Net Income per Share |
|------------------|----------------------|----------------------|
|                  | (basic)              | (diluted)            |
| Six Months Ended | Yen                  | Yen                  |
| Sep. 30, 2020    | 9.94                 | 9.89                 |
| Sep. 30, 2019    | 7.49                 | 7.44                 |

(Note) We conducted a 4-for-1 stock split on October 1, 2020.

Calculations of "Quarterly net income per share" and "Diluted net income per share" are based on the assumption that the stock split was implemented at the beginning of the previous fiscal year.

#### (2) Consolidated Financial Position

|               | Total Assets | Net Assets  | <b>Equity Ratio</b> |
|---------------|--------------|-------------|---------------------|
| As of         | Million yen  | Million yen | %                   |
| Sep. 30, 2020 | 59,708       | 33,472      | 54.8                |
| Mar. 31, 2020 | 47,775       | 32,579      | 66.6                |

(Reference) Shareholders' equity: As of Sep. 30, 2020: 32,738 million yen As of Mar. 31, 2020: 31,806 million yen

#### Dividends

|                   | Dividend per Share |             |             |          |        |  |  |
|-------------------|--------------------|-------------|-------------|----------|--------|--|--|
|                   | 1st quarter        | 2nd quarter | 3rd quarter | Year-end | Annual |  |  |
|                   | Yen                | Yen         | Yen         | Yen      | Yen    |  |  |
| FY2019            | -                  | 15.00       | -           | 17.00    | 32.00  |  |  |
| FY2020            | -                  | 18.00       |             |          |        |  |  |
| FY2020 (Forecast) |                    |             | -           | 4.50     | I      |  |  |

(Note) No adjustment was made to the most recently announced forecast of the dividend.

We conducted a 4-for-1 stock split on October 1, 2020.

For the year-end year-per-share divide for the fiscal year ending March 2021 (forecast), the amount taken into account the effect of the stock split is stated and the total annual divide is stated as "-".

For the fiscal year ending March 31, 2021 (forecast) without taking into account the stock split, the year-end dividend per share would be 18 yen, and the annual dividend per share would be 36 yen.

For details, please refer to "Explanation of the Appropriate Use of Financial Results Forecasts and Other Special Instructions."

3. Consolidated Forecasts for the Fiscal Year Ending Mar. 31, 2021 (Apr. 1, 2020 – Mar. 31, 2021)

(Percentage figures for the fiscal year represent the changes from the previous year.)

|                           |             |     |                  |      |             |                  | Profit Attri | butable | Net       |
|---------------------------|-------------|-----|------------------|------|-------------|------------------|--------------|---------|-----------|
|                           | Net Sales   |     | Operating Income |      | Ordinary Ir | linary Income to |              | rs of   | Income    |
|                           |             |     |                  |      | ·           |                  | Parent       |         | per Share |
|                           | Million yen | %   | Million yen      | %    | Million yen | %                | Million yen  | %       | Yen       |
| Year ending Mar. 31, 2021 | 27,200      | 9.8 | 6,000            | 84.9 | 6,000       | 82.2             | 4,800        | 79.2    | 38.86     |

(Note) No adjustment was made to the most recently announced forecast of financial results.

We conducted a 4-for-1 stock split on October 1, 2020.

The effect of the stock split is taken into account for the net Profit per Share in the forecast of the fiscal year ending March 2021.

For details, please refer to "Explanation of the Appropriate Use of Financial Results Forecasts and Other Special Instructions."

#### \* Note

- (1) There was no transfer of important subsidiary (transfer of a specific subsidiary resulting in changes in the scope of the consolidation) during the Six months ended Sep. 30, 2020.
- (2) No specific accounting process was applied to the preparation of the quarterly consolidated financial statements.
- (3) Changes in accounting policy, changes in accounting estimates and retrospective restatement
  - 1. Changes in accounting policy due to the revision of accounting standards, etc.: None
  - 2. Changes in accounting policy other than 1: None
  - 3. Changes in accounting estimates: None
  - 4. Retrospective restatement: None
- (4) Number of outstanding shares (common shares)
  - Number of outstanding shares as of the end of the term (including treasury stock)
  - 2. Number of treasury stock as of the end of the term
  - 3. Average number of shares during the term (quarterly cumulative amount)

| As of Sep. | 129,686,308 | As of Mar.     | 129,686,308 |
|------------|-------------|----------------|-------------|
| 30, 2020   | shares      | 31, 2020       | shares      |
| As of Sep. | 6,103,184   | As of Mar.     | 6,369,036   |
| 30, 2020   | shares      | 31, 2020       | shares      |
| As of Sep. | 123,427,591 | As of Sep. 30, | 123,255,700 |
| 30, 2020   | shares      | 2019           | shares      |

(Note) We conducted a 4-for-1 stock split on October 1, 2020.

The number of outstanding shares at the end of the period, the number of treasury shares at the end of the period, and the average number of shares during the period have been calculated as if this stock split had taken place at the beginning of the previous fiscal year.

- \* The quarterly financial statements are outside of the scope of quarterly review by a certified public accountant or an audit firm.
- \* Explanation on the appropriate use of the forecasts of financial results and other comments (Note on forward-looking statements, etc.)

The forward-looking statements such as the forecasts of financial results contained in this document are based on the information that the company currently holds and certain assumption that the company judges as rational. The company does not assure the achievement of those forecasts. In addition, actual financial results may differ significantly from forecasts due to various reasons. For the assumptions underlying the forecasts of financial results and notes for the appropriate use of the forecasts of financial results, please refer to the attached material on Page 4, "1. Qualitative information for the quarterly financial statements (3) Explanation on projections such as forecasts of consolidated financial results."

(Dividends paid and Consolidated Earnings Forecasts after the Stock Split)

At a meeting of the Board of Directors held on August 26, 2020, the Company resolved on a stock split and conducted a 4-for-1 stock split on October 1, 2020.

Dividend forecasts and consolidated earnings forecasts for the fiscal year ending March 31, 2021, calculated prior to the stock split, are as follows.

Dividend forecast for the year ending March 1.2021

Dividends per share End of 2nd Quarter: 18.00 yen (Note 1) Year-end: 18.00 yen (Note 2)

Forecasts for the fiscal year ended March 31, 2.2021

Earnings per share Full-year 155.44 yen

- (Note 1) Dividends paid at the end of the second quarter will be paid on the number of shares before the stock split.
- (Note 2) Figures are dividends paid calculated before considering stock splits.
- (Note 3) The annual dividend for the year ended March 31, 2021 (prior to the stock split) is 36.00 yen.

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#### 1. Qualitative information for the quarterly financial statements

#### (1) Explanation on financial results

#### [1]Financial results during 2Q FY2020

Net sales amounted to 10,951 million yen (down 2.5% year on year).

Sales of mainstay products, such as our core product GROWJECT®, a recombinant human growth hormone product, increased year on year, due to an increase in sales volume, although there were NHI price revisions in April 2020. Meanwhile, revenue from licensing decreased year on year. Consequently, the JCR Group's overall net sales declined year on year.

On the profit front, SG&A expenses, including R&D expenses, decreased year on year, mainly owing to efforts to raise operating efficiency. Through these and other efforts, profits increased year on year at every level, with operating income of 1,307 million yen (up 31.0%), ordinary income of 1,351 million yen (up 37.7%), and profit attributable to owners of parent of 1,227 million yen (up 33.0% year on year).

R&D expenses decreased by 26.0% from the previous fiscal year to 2,407 million yen (down 847 million yen year on year).

|   | Previous Quarterly consolidated<br>(Cumulative)<br>(From April 1, 2019 to Sep. 30, 2019) | Current Quarterly consolidated<br>(Cumulative)<br>(From April 1, 2020 to Sep. 30, 2020) | Increase-<br>decrease rate |
|---|--|---|----------------------------|
|   | Amount (millions of yen)   | Amount (millions of yen)  | %                          |
| Net sales                                   | 11,236   | 10,951  | (2.5)                      |
| Operating income                            | 998  | 1,307   | 31.0                       |
| Ordinary income                             | 981  | 1,351   | 37.7                       |
| Profit attributable to owners of the parent | 922  | 1,227   | 33.0                       |

[2] Main components of sales

| [2]Main components of sales  |  |   |                            |
|--|--|---|----------------------------|
|  | Previous Quarterly consolidated<br>(Cumulative)<br>(From April 1, 2019 to Sep. 30, 2019) | Current Quarterly consolidated (Cumulative) (From April 1, 2020 to Sep. 30, 2020) | Increase-<br>decrease rate |
|  | Amount (millions of yen)   | Amount (millions of yen)  | %                          |
| Human growth hormone product GROWJECT®                             | 6,235  | 6,538   | 4.9                        |
| Regenerative medical products<br>TEMCELL® HS Inj.                  | 1,527  | 784   | (48.6)                     |
| Treatment for renal anemia   | 2,272  | 3,390   | 49.2                       |
| Epoetin Alfa BS Inj. [JCR]   | 2,272  | 1,696   | (25.4)                     |
| Darbepoetin Alfa BS Inj. [JCR]                                     | -  | 1,694   | -                          |
| Treatment for Fabry disease Agalsidase Beta BS I.V. Infusion [JCR] | 123  | 220   | 79.1                       |
| Income from contractual payment                                    | 1,002  | 10  | (99.0)                     |

(Notes) 1: Sales of Epoetin Alfa BS Inj. [JCR], a short-acting renal anemia treatment, decreased due to the impact of the launch of Darbepoetin Alfa BS Inj. [JCR], a long-acting renal anemia treatment, in November 2019. However, total sales of renal anemia treatments increased year on year.

<sup>2:</sup> The year-on-year decrease in revenue from licensing was due to the postponement of revenue from licensing that had been expected to be recorded in the six months ended September 30, 2020 to the third quarter (three months ending December 31, 2020) onward. This postponement reflected the fact that JCR was unable to reach an agreement on licensing out enzyme replacement therapies (ERT) for lysosomal storage disorders (LSDs) by the end of September because face-to-face negotiations were hindered by the spread of COVID-19, among other factors.

## [3]The status of R&D [Lysosomal Disease Drugs]

- In treatments for lysosomal storage disorders, a priority field for development, we are currently conducting
  development of new drugs that employ our unique blood-brain barrier (BBB) penetration technology, J-Brain
  Cargo<sup>®</sup>.
- In September 2020, we filed for marketing approval of Pabinafusp Alfa (development code: JR-141), our blood-brain barrier (BBB) penetrating product candidate for the treatment of patients with Hunter syndrome. In March 2018, the Ministry of Health, Labour and Welfare of Japan (MHLW) designated JR-141 as a covered item under the SAKIGAKE Designation System in Japan. In Brazil, we initiated Phase II clinical trial in June 2018. In other regions, we have also been proceeding with preparations for global development. Notably, JR-141 received orphan drug designation from the U.S. Food and Drug Administration (FDA) in October 2018 and the European Medicines Agency (EMA) in February 2019. We have been conducting discussions with the FDA on initiating global Phase III clinical trial.
- We submitted Phase I/II investigational new drug for our BBB-penetrating product candidate for the treatment of patients with mucopolysaccharidosis type I (MPS I) (development code: JR-171), to the Pharmaceuticals and Medical Devices Agency (PMDA) in Japan in July 2020, and to the Brazilian Health Regulatory Agency (ANVISA) in Brazil in October 2020. These were received by both the PMDA and ANVISA. The study will be conducted as JCR's first global clinical trial. It will be initiated first in Japan, before being started in Brazil and the U.S.
- We have also been successively conducting R&D into other treatments for lysosomal storage disorders that employ J-Brain Cargo<sup>®</sup>, including a treatment for Pompe disease (development code: JR-162), a treatment for Sanfilippo syndrome type A (development code: JR-441), a treatment for Sly syndrome (development code: JR-443), and a treatment for Sanfilippo syndrome type B (development code: JR-446). We will also develop each of these treatments globally.

#### [Regenerative medical products]

- In July 2019, we commenced Phase I/II clinical trial of TEMCELL® HS Inj. for the additional indication of neonatal hypoxic ischemic encephalopathy (HIE) (development code: JR-031HIE).
- In February 2019, we commenced Phase I/II clinical trial of an allogeneic regenerative medical product using dental pulp stem cells (DPCs) for the indication of acute cerebral infarction (development code: JTR-161/JR-161).

#### [Human growth hormone preparations].

- In July 2018, we started a Phase III clinical trial for an additional indication for GROWJECT® in patients with short stature homeobox-containing gene (SHOX) deficiency
- In May 2019, we initiated a Phase I clinical trial of a recombinant long-acting growth hormone (development code: JR-142).

#### (2) Explanation on financial status

#### ① Financial position

As of September 30, 2020, total assets amounted to 59,708 million yen (an increase of 11,932 million yen from March 31, 2020), total liabilities were 26,236 million yen (an increase of 11,040 million yen from March 31, 2020), and net assets were 33,472 million yen (an increase of 892 million yen from March 31, 2020).

Current assets increased by 9,161 million yen from March 31, 2020 to 37,504 million yen, mainly due to an increase in cash and deposits, which was partly offset by a decrease in notes and accounts payable-trade. Noncurrent assets increased by 2,771 million yen from March 31, 2020 to 22,204 million yen, mainly due to insertion of patent right following acquisition of ArmaGen, Inc. in U.S.

Current liabilities increased by 10,321 million yen from March 31, 2020 to 20,755 million yen, mainly due to increases in short-term loans payable.

Non-current liabilities increased by 719 million yen from March 31, 2020 to 5,480 million yen, mainly due to increases in bonds payable and long-term borrowings.

Net assets increased by 892 million yen from March 31, 2020 to 33,472 million yen. This decrease was mainly due to insertion of profit attributable to owners of parent, despite the payment of dividends.

As a result, the equity ratio was 54.8% as of September 30, 2020, a decrease of 11.8 percentage point from March 31, 2020.

At this point in time, the JCR Group has not felt the impact of the COVID-19 pandemic, other than having to postpone the timing of recording revenue from licensing to the third quarter onward. However, the global outlook remains uncertain. In order to achieve sustainable global growth, we need to secure a flexible and stable source of funds. In the six months ended September 30, 2020, we concluded commitment line agreements with our financial institutions for a total of 15.5 billion yen for the purpose of securing operating funds as a backup plan.

#### 2 Cash Flows

Cash and cash equivalents stood at 19,565 million yen as of September 30, 2020, an increase of 8,637 million yen from March 31, 2020. The status of cash flows from operating, investing, and financing activities and the main reasons for changes are as follows.

#### (Cash flows from operating activities)

Net cash provided by operating activities was 4,232 million yen (an increase of 1,283 million yen from the same period of the previous fiscal year). The main contributing factors were income before income taxes of 1,381 million yen, depreciation and amortization of 872 million yen, and a decrease in notes and accounts receivable-trade of 1,462 million yen.

#### (Cash flows from investing activities)

Net cash used in investing activities was 4,484 million yen (an increase of 871 million yen from the same period of the previous fiscal year). The main uses of cash were 2,747 million yen for the purchase of patent rights, and 1,437 million yen for the purchase of property, plant and equipment.

#### (Cash flows from financing activities)

Net cash provided by financing activities was 8,867 million yen (an increase of 6,272 million yen from the same period of the previous fiscal year). This result was mainly attributable to an increase in short-term loans payable of 9,070 million yen, while there were cash dividends paid of 525 million yen.

(3) Explanation of Consolidated Earnings Forecasts and Other Forward-Looking Information

As stated in (1) Explanation on financial results, the JCR Group's consolidated financial results for the six months ended September 30, 2020 showed lower net sales and profits compared with initial forecasts, mainly due to the postponement of revenue from licensing to the third quarter onward. The postponed revenue from licensing involved the licensing out of enzyme replacement therapies for lysosomal storage disorders.

Looking at the consolidated forecasts for the fiscal year ending March 31, 2021, we have maintained the full-year forecasts announced on May 12, 2020. We are currently negotiating agreements on matters such as the licensing out of enzyme replacement therapies for lysosomal storage disorders. If revisions become necessary based on future business performance trends, JCR will promptly disclose those revisions. The consolidated forecasts for the fiscal year ending March 31, 2021 are as follows.

|                           | Net Sale    | es  | Operating Income |      | Ordinary Income |      | Profit Attributable<br>to Owners of<br>Parent |      | Net<br>Income<br>per Share |
|---------------------------|-------------|-----|------------------|------|-----------------|------|---|------|----------------------------|
|                           | Million yen | %   | Million yen      | %    | Million yen     | %    | Million yen                                   | %    | Yen                        |
| Year ending Mar. 31, 2021 | 27,200      | 9.8 | 6,000            | 84.9 | 6,000           | 82.2 | 4,800   | 79.2 | 38.86                      |

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# Quarterly consolidated financial statements and important notes Quarterly consolidated balance sheets

|  |                      | (Millions of yen)        |
|--|----------------------|--------------------------|
|  | As of March 31, 2020 | As of September 30, 2020 |
| Assets   |                      |                          |
| Current assets                                 |                      |                          |
| Cash and deposits                              | 10,973               | 19,910                   |
| Notes and accounts receivable - trade          | 7,977                | 6,515                    |
| Securities                                     | 220                  | 212                      |
| Merchandise and finished goods                 | 880                  | 1,239                    |
| Work in process                                | 2,929                | 3,068                    |
| Raw materials and supplies                     | 5,046                | 6,110                    |
| Other  | 315                  | 447                      |
| Total current assets                           | 28,342               | 37,504                   |
| Non-current assets                             |                      |                          |
| Property, plant and equipment                  |                      |                          |
| Buildings and structures, net                  | 5,115                | 5,474                    |
| Land   | 5,664                | 5,664                    |
| Construction in progress                       | 2,283                | 894                      |
| Other, net                                     | 1,811                | 2,366                    |
| Total property, plant and equipment            | 14,875               | 14,400                   |
| Intangible assets                              | •                    | ,                        |
| Patent right                                   | _                    | 3,126                    |
| Other  | 263                  | 239                      |
| Total intangible assets                        | 263                  | 3,366                    |
| Investments and other assets                   | 200                  | 2,500                    |
| Investment securities                          | 2,408                | 2,466                    |
| Other  | 1,909                | 1,976                    |
| Allowance for doubtful accounts                | △23                  |                          |
| Total investments and other assets             | 4,294                | 4,437                    |
| Total non-current assets                       |                      | 22,204                   |
| -  | 19,433               |                          |
| Total assets                                   | 47,775               | 59,708                   |
| Liabilities                                    |                      |                          |
| Current liabilities                            |                      | 4.400                    |
| Notes and accounts payable - trade             | 679                  | 1,103                    |
| Short-term loans payable                       | 4,880                | 13,600                   |
| Income taxes payable                           | 534                  | 1,039                    |
| Provision for bonuses                          | 713                  | 856                      |
| Provision for bonuses for directors (and other | 77                   | 31                       |
| officers)                                      |                      |                          |
| Other  | 3,549                | 4,124                    |
| Total current liabilities                      | 10,434               | 20,755                   |
| Non-current liabilities                        |                      |                          |
| Long-term loans payable                        | 3,800                | 4,000                    |
| Bonds payable                                  |                      | 500                      |
| Provision for loss on guarantees               | 108                  | 95                       |
| Retirement benefit liability                   | 730                  | 748                      |
| Other  | 122                  | 136                      |
| Total non-current liabilities                  | 4,761                | 5,480                    |
| Total liabilities                              | 15,195               | 26,236                   |

|   |                      | (Willions of yell)       |
|---|----------------------|--------------------------|
|   | As of March 31, 2020 | As of September 30, 2020 |
| Net assets  |                      |                          |
| Shareholders' equity                                  |                      |                          |
| Capital stock   | 9,061                | 9,061                    |
| Capital surplus                                       | 10,891               | 10,928                   |
| Retained earnings                                     | 15,039               | 15,737                   |
| Treasury stock  | △3,865               | △3,703                   |
| Total shareholders' equity                            | 31,127               | 32,024                   |
| Accumulated other comprehensive income                |                      |                          |
| Valuation difference on available-for-sale securities | 583                  | 625                      |
| Deferred gains or losses on hedges                    | <u> </u>             | $\triangle 0$            |
| Foreign currency translation adjustment               | 134                  | 115                      |
| Remeasurements of defined benefit plans               | △39                  | △27                      |
| Total accumulated other comprehensive income          | 679                  | 713                      |
| Subscription rights to shares                         | 584                  | 544                      |
| Non-controlling interests                             | 189                  | 190                      |
| Total net assets                                      | 32,579               | 33,472                   |
| Total liabilities and net assets                      | 47,775               | 59,708                   |

## (2) Quarterly consolidated statements of income and quarterly consolidated statements of comprehensive income (Quarterly consolidated statements of income)

(Millions of yen) Six months ended Six months ended September 30, 2019 September 30, 2020 10,951 Net sales 11,236 Cost of sales 3,173 3,513 8,063 7,438 Gross profit 7,064 Selling, general and administrative expenses 6,130 Operating profit 998 1,307 Non-operating income Interest income 7 3 Dividend income 12 11 Foreign exchange gains 54 Other 9 21 Total non-operating income 28 91 Non-operating expenses Interest expenses 10 18 Commission expenses 4 30 Foreign exchange losses Other 23 Total non-operating expenses 46 47 981 1,351 Ordinary income Extraordinary income Reversal of provision for loss on guarantees 118 12 Reversal of allowance for doubtful accounts 19 118 Total extraordinary income 31 Extraordinary losses Loss on disposal of non-current assets 2 1 Total extraordinary losses 2 1 Profit before income taxes 1,098 1,381 Income taxes - current 473 809 △299  $\triangle 659$ Income taxes - deferred Total income taxes 173 150 Profit 924 1,231 4 Profit attributable to non-controlling interests 1 Profit attributable to owners of parent 922 1,227

|  |  | (Millions of yen)                      |
|--|--|--|
|  | Six months ended<br>September 30, 2019 | Six months ended<br>September 30, 2020 |
| Profit   | 924                                    | 1,231                                  |
| Other comprehensive income                                     |  |  |
| Valuation difference on available-for-sale securities          | △201                                   | 28                                     |
| Deferred gains or losses on hedges                             | _                                      | $\triangle 0$                          |
| Foreign currency translation adjustment                        | △22                                    | △21                                    |
| Remeasurements of defined benefit plans, net of tax            | 48                                     | 44                                     |
| Total other comprehensive income                               | △176                                   | 51                                     |
| Comprehensive income   | 747                                    | 1,282                                  |
| Comprehensive income attributable to                           |  |  |
| Comprehensive income attributable to owners of parent          | 746                                    | 1,281                                  |
| Comprehensive income attributable to non-controlling interests | 1                                      | 0                                      |

|   |  | (Millions of year                      |
|---|--|--|
|   | Six months ended<br>September 30, 2019 | Six months ended<br>September 30, 2020 |
| Cash flows from operating activities                        |  |  |
| Income before income taxes                                  | 1,098                                  | 1,38                                   |
| Depreciation  | 658                                    | 87                                     |
| Increase (decrease) in provision for loss on guarantees     | △118                                   | $\triangle 1$                          |
| Increase (decrease) in net defined benefit liability        | 23                                     | 2                                      |
| Increase (decrease) in net defined benefit asset            | 7                                      | 1                                      |
| Increase (decrease) in provision for bonuses                | 121                                    | 14                                     |
| Share-based compensation expenses                           | 175                                    | 14                                     |
| Interest and dividend income                                | △19                                    | $\triangle 1$                          |
| Interest expenses   | 10                                     | 1                                      |
| Foreign exchange losses (gains)                             | 23                                     | △4                                     |
| Decrease (increase) in trade receivables                    | 2,098                                  | 1,46                                   |
| Decrease (increase) in accounts receivable - other          | 25                                     | $\triangle \epsilon$                   |
| Decrease (increase) in inventories                          | △860                                   | △1,56                                  |
| Increase (decrease) in trade payables                       | 379                                    | 42                                     |
| Increase (decrease) in accounts payable - other             | 195                                    | $\triangle 8$                          |
| Increase (decrease) in accrued consumption taxes            | △334                                   | △9                                     |
| Increase (decrease) in advances received                    | △37                                    | 1,93                                   |
| Other, net  | 173                                    | 7                                      |
| Subtotal  | 3,619                                  | 4,61                                   |
| Interest and dividends received                             | 21                                     | 1                                      |
| Interest expenses paid                                      | △10                                    | △2                                     |
| Income taxes (paid) refund                                  | △680                                   | △38                                    |
| Net cash provided by (used in) operating activities         | 2,949                                  | 4,23                                   |
| Cash flows from investing activities                        |  |  |
| Payments into time deposits                                 | _                                      | △30                                    |
| Proceeds from sales and redemption of securities            | 240                                    | -                                      |
| Purchase of property, plant and equipment                   | △3,746                                 | △1,43                                  |
| Purchase of patent  | _                                      | △2,74                                  |
| Other, net  | △106                                   |  |
| Net cash provided by (used in) investing activities         | △3,612                                 | △4,48                                  |
| Cash flows from financing activities                        |  |  |
| Net increase (decrease) in short-term loans payable         | 1,000                                  | 9,07                                   |
| Proceeds from long-term loans payable                       | 2,200                                  | 30                                     |
| Repayments of long-term loans payable                       | _                                      | △45                                    |
| Proceeds from issuance of bonds                             | _                                      | 50                                     |
| Repayments of lease obligations                             | $\triangle$ 88                         | △3                                     |
| Net decrease (increase) in treasury shares                  | 10                                     |  |
| Cash dividends paid   | △525                                   | △52                                    |
| Other, net  | △1                                     |  |
| Net cash provided by (used in) financing activities         | 2,595                                  | 8,86                                   |
| Effect of exchange rate change on cash and cash equivalents | △55                                    | 2                                      |
| Net increase (decrease) in cash and cash equivalents        | 1,876                                  | 8,63                                   |
| Cash and cash equivalents at beginning of period            | 8,091                                  | 10,92                                  |
| Cash and cash equivalents at end of period                  | 9,968                                  | 19,56                                  |

(4) Notes for quarterly consolidated financial statements

(Notes for going concern assumption)

None

(Notes for any significant changes in the amount of shareholders' equity)

None

#### (Additional Information)

(Acquisition of patent right through acquisition of ArmaGen, Inc.)

At a meeting of the Board of Directors held on February 27, 2020, JCR passed a resolution to acquire ArmaGen, Inc. and completed the acquisition on April 10. JCR judged that it could secure its competitive edge by acquiring ArmaGen's technological assets, including intellectual property rights for its blood-brain barrier (BBB) penetration technology. The acquisition is accounted for the acquisition of assets.

#### 1. Outline of acquisition of ArmaGen's shares

- (1) Outline of share purchase
  - 1) Name, business and scale of counterparty to share purchase

Name of acquired company: ArmaGen, Inc. (ArmaGen)

Location: San Diego, California, USA

Business: Development of innovative drugs, originally or jointly with other companies, to treat various types of mucopolysaccharidoses and other lysosomal storage disorders (LSDs) based on BBB penetration technology (base technology).

Scale: Share capital: 41 thousand USD (As of December 31, 2019)

Total assets: 1,244 thousand USD (As of December 31, 2019)

2) Purpose of share purchase

JCR is currently focused on the research and development of innovative drugs for LSDs on the platform of its unique BBB penetration technology, J-Brain Cargo<sup>®</sup>. ArmaGen is developing innovative drugs using its proprietary BBB penetration technology. ArmaGen has filed for and obtained a portfolio of intellectual property rights applicable to a broad spectrum of diseases, including LSDs, in several key markets around the world, such as the U.S.

JCR has extensively studied its strategy for developing treatment options for LSDs in the global market. Based on these studies, JCR has judged that it can solidify its technology led by acquiring ArmaGen's technology assets, including the intellectual property rights for its BBB penetration technology.

3) Date of share purchase

April 10, 2020

4) Number of shares to acquire and ownership ratio after acquisition

Number of shares to acquire: 100 shares\*

Ownership ratio after acquisition: 100%

\*JCR has owned 100 shares of ArmaGen after the merger by establishing specific purpose company with wholly owned investment of the Company as a subsidiary, merging (Cash-out Merger) the subsidiary with ArmaGen and turning the surviving company into ArmaGen.

#### (2) Acquisition cost of the acquired company

The acquisition cost is determined at an appropriate amount based on discussions between the two parties, based on the results of the calculation of the share value by an outside expert. However, the acquisition cost, etc. will not be disclosed as agreed upon by the parties.

### (3) Financing and Payment Method By own fund.

#### 2. Acquisition of patent right (Acquisition cost, amortization method and amortization period)

| Acquisition cost of patent right     | 29,858 thousand USD (3,287 million yen) |
|--------------------------------------|---|
| Amortization method                  | Straight-line method                    |
| Weighted-average amortization period | 11.88 years                             |

#### 3. Other

R&D Pipeline Recombinant drug products

| Code   | C4-4                             | Indication   |  |
|--|----------------------------------|--|--|
| Code   | Status                           | Remarks  |  |
| JR-141   | Japan: Application               | Mucopolysaccharidosis II (Hunter syndrome)               |  |
| BBB-penetrating iduronate -2-<br>sulfatase (rDNA origin)             | for approval<br>Brazil: Phase II | ERT J-Brain Cargo®                                       |  |
| JR-171 BBB-penetrating α-L-iduronidase (rDNA origin)                 | Phase I / II                     | Mucopolysaccharidosis I (Hurler syndrome, etc)           |  |
|  |                                  | ERT J-Brain Cargo® J-MIG System®                         |  |
| JR-162   | Preclinical                      | Pompe disease  |  |
| J-Brain Cargo <sup>®</sup> -applied acid α-glucosidase (rDNA origin) |                                  | ERT<br>J-Brain Cargo®                                    |  |
| JR-441<br>BBB-penetrating heparan N-sulfatase (rDNA origin)          | Preclinical                      | Mucopolysaccharidosis III A (Sanfilippo syndrome type A) |  |
|  |                                  | ERT<br>J-Brain Cargo®                                    |  |
| JR-443   |                                  | Mucopolysaccharidosis VII (Sly syndrome)                 |  |
| BBB-penetrating $\beta$ -glucuronidase (rDNA origin)                 | Preclinical                      | ERT<br>J-Brain Cargo®                                    |  |
| JR-446 BBB-penetrating α-N- acetylglucosaminidase (rDNA origin)      | Preclinical                      | Mucopolysaccharidosis III B (Sanfilippo syndrome type B) |  |
|  |                                  | ERT<br>J-Brain Cargo®                                    |  |
| JR-401X<br>Somatropin (rDNA origin)                                  | Phase III                        | SHOX deficiency  |  |
|  |                                  | Expanded Indication of GROWJECT®                         |  |
| JR-142   |                                  | Pediatric growth hormone deficiency                      |  |
| Long-acting growth hormone Phase I (rDNA origin)                     |                                  | J-MIG System®  |  |
| JR-041   | Phase I / II                     | Infertility  |  |
| Follicle stimulating hormone (rDNA origin)                           | Filase I / II                    | Out-licensed ASKA Pharmaceuticals Co., Ltd.              |  |

(Note) ERT = Enzyme Replacement Therapy

### Allogeneic regenerative medical products

| Code Status  | Status  | Indication                                  |
|--|---|---|
|  | Status  | Remarks                                     |
| JR-031EB Human mesenchymal stem cells                | Application withdrawn in<br>September 2019<br>(Future development<br>plans are under review.) | Epidermolysis bullosa                       |
|  |   | Expanded Indication of TEMCELL® HS Inj.     |
| JR-031HIE Human mesenchymal stem cells               | Phase I / II  | Hypoxic ischemic encephalopathy in neonates |
|  |   | Expanded Indication of TEMCELL® HS Inj.     |
| JTR-161/JR-161 Dental pulp stem cells (DPCs) Phase I | Dhaga I / II  | Acute cerebral infarction                   |
|  | Phase 1 / II  | Co-development with Teijin Limited          |