CORPORATE ACTION NOTICE

Amsterdam Market — No. CA180420DE2

Issue Date: 20 April 2018

Effective Date: To be announced

Contracts:

Single Stock Futures (COB & *Flex*)	QB6, *YQB*
Single Stock Dividend Future	QB8

Company: Shire

ISIN: Shire: JE00B2QKY057 Takeda Pharmaceutical Company: JP3463000004

Corporate action: Takeover

Reference: Press releases of 19 April 2018

Details: Takeda Pharmaceutical Company ("Takeda") proposes to acquire the entire issued and to be issued share capital of Shire for a price equivalent to 4650 pence per share, comprised of 1775 pence in cash (to be paid in USD) and 2875 pence of new Takeda shares ("the Offer").

Adjustments: Provided that the Offer becomes effective and the new Takeda shares can be delivered, settled and/or traded in the Amsterdam Market, the Contracts will be adjusted using the Ratio Method as follows:

- **Ratio Method**.
- The Contracts shall be re-designated as contracts based on the new Takeda shares. The Contracts will be referred to by Euronext as Shire ex-event contracts.
- **Ratio:** To be announced
- **Lot Size:** The lot size will be divided by the Ratio. The adjusted lot size will be specified in the Final Notice.

Futures:

- **Variation Margin:** Daily Settlement Prices on the business day preceding the Effective Date, shall be multiplied by the Ratio to generate reference prices for the purpose of variation margin calculations at the close of business on the Effective Date.
- **Single Stock Dividend Futures:** Ordinary dividends with an ex-date on or before the Effective date shall be multiplied by the Ratio, for the purpose of determining the EDSP at the end of the lifetime of the respective maturity.

New contracts: In the event that the Ratio results in an adjusted Lot Size which is higher than the standard Lot Size, new contracts will be introduced. Details for these new contracts will be specified in the Final Notice.

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Provided that the Offer becomes effective and the new Takeda shares can NOT be delivered, settled and/or traded in the Amsterdam Market, the contracts shall be de-listed with immediate effect and will be settled using the Fair Value method. In determining the Fair Value settlement prices, the following will apply:

Futures:

- **Dividends:** The dividend payments (as published by Markit Dividends) which are shown in the Attachment to this Notice will be used in determining the Fair Value settlement prices.
- **Interest Rates:** Libor interest rates shall be used in determining the Fair Value settlement prices.

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For further information in relation to this Notice, Members should contact:

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Attachment to Corporate Action No. CA180420DE2

Shire

Corporate Action: **Takeover**

Dividends:

Dividend amount	Ex-date	Currency
0.2979	08/03/2018	USD
0.0602	06/09/2018	USD
0.3408	07/03/2019	USD
0.069	05/09/2019	USD
0.392	12/03/2020	USD
0.08	03/09/2020	USD
0.45	11/03/2021	USD
0.092	09/09/2021	USD
0.52	10/03/2022	USD

Amounts in USD shall be converted to pence using the reference rates as published by the ECB on the Effective Date.