

UBS AG  
Form 424B2  
February 12, 2019

## PRICING SUPPLEMENT

Dated February 8, 2019  
Filed Pursuant to Rule 424(b)(2)  
Registration Statement No. 333-225551

(To Prospectus dated October 31, 2018

and Product Supplement dated October 31, 2018)

### UBS AG Trigger Autocallable Contingent Yield Notes

UBS AG \$547,840 linked to the common stock of Biogen Inc. due February 11, 2022

UBS AG \$2,993,500 linked to the common stock of Caterpillar Inc. due February 11, 2022

UBS AG \$8,317,500 linked to the common stock of Microsoft Corporation due February 11, 2022

### Investment Description

UBS AG Trigger Autocallable Contingent Yield Notes (the “Notes”) are unsubordinated, unsecured debt securities issued by UBS AG (“UBS” or the “issuer”) linked to the performance of the common stock of a specific company (the “underlying asset”). UBS will pay a contingent coupon on a coupon payment date only if the closing level of the underlying asset on the applicable observation date (including the final valuation date) is equal to or greater than the coupon barrier. Otherwise, no contingent coupon will be paid for the relevant coupon payment date. UBS will automatically call the Notes early if the closing level of the underlying asset on any observation date (quarterly, beginning after 6 months) prior to the final valuation date is equal to or greater than the initial level. If the Notes are subject to an automatic call, UBS will pay on the applicable coupon payment date following such observation date (the “call settlement date”) a cash payment per Note equal to your principal amount plus the contingent coupon otherwise due, and no further payments will be owed to you under the Notes. If the Notes are not subject to an automatic call and the closing level of the underlying asset on the final valuation date (the “final level”) is equal to or greater than the downside threshold, UBS will pay you a cash payment per Note equal to the principal amount. If, however, the Notes are not subject to an automatic call and the final level is less than the downside threshold, UBS will pay you a cash payment per Note that is less than the principal amount, if anything, resulting in a percentage loss on your initial investment equal to the percentage decline in the underlying asset from the trade date to the final valuation date (the “underlying return”) and, in extreme situations, you could lose all of your initial investment. **Investing in the Notes involves significant risks. You may lose a significant portion or all of your initial investment and may not receive any contingent coupon during the term of the Notes. Generally, a higher contingent coupon rate on a Note is associated with a greater risk of loss and a greater risk that you will not receive contingent coupons over the term of the Notes. The contingent repayment of principal applies only at maturity. Any payment on the Notes, including any repayment of principal, is subject to the creditworthiness of the issuer. If UBS were to default on its payment obligations you may not receive any amounts owed to you under the Notes and you could lose all of your initial investment.**

## Features

**Potential for Periodic Contingent Coupons** — UBS will pay a contingent coupon on a coupon payment date only if the closing level of the underlying asset is equal to or greater than the coupon barrier on the applicable observation date (including the final valuation date). If, however, the closing level of the underlying asset is less than the coupon barrier on the applicable observation date, no contingent coupon will be paid for the relevant coupon payment date.

**Automatic Call Feature** — UBS will automatically call the Notes and pay you the principal amount of your Notes plus the contingent coupon otherwise due on the related coupon payment date if the closing level of the underlying asset is equal to or greater than the initial level on any observation date (quarterly, beginning after 6 months) prior to the final valuation date. If the Notes were previously subject to an automatic call, no further payments will be owed to you under the Notes.

**Contingent Repayment of Principal at Maturity with Potential for Full Downside Market Exposure** — If by maturity the Notes have not been subject to an automatic call and the final level of the underlying asset is equal to or greater than the downside threshold, UBS will repay you the principal amount per Note at maturity. If, however, the final level of the underlying asset is less than the downside threshold, UBS will pay you a cash payment per Note that is less than the principal amount, if anything, resulting in a percentage loss on your investment equal to the underlying return. The contingent repayment of principal applies only if you hold the Notes to maturity. Any payment on the Notes, including any repayment of principal, is subject to the creditworthiness of UBS.

## Key Dates

Trade Date*	February 8, 2019
Settlement Date*	February 13, 2019
Observation Dates**	Quarterly (callable after 6 months) (see page 4)
Final Valuation Date**	February 8, 2022
Maturity Date**	February 11, 2022

We expect to deliver the Notes against payment on or about the third business day following the trade date. Under Rule 15c6-1 of the Securities Exchange Act of 1934, as amended (the “Exchange Act”), trades in the secondary market generally are required to settle in two business days (T+2), unless the parties to a trade expressly agree otherwise. Accordingly, purchasers who wish to trade the Notes in the secondary market on any date prior to two business days before delivery of the Notes will be required, by virtue of the fact that each Note initially will settle in three business days (T+3), to specify alternative settlement arrangements to prevent a failed settlement of the secondary market trade.

\* Subject to postponement in the event of a market disruption event, as described in the accompanying product supplement.

**Notice to investors: the Notes are significantly riskier than conventional debt instruments. The issuer is not necessarily obligated to repay the principal amount of the Notes at maturity, and the Notes may have the same downside market risk as the underlying asset. This market risk is in addition to the credit risk inherent in purchasing a debt obligation of UBS. You should not purchase the Notes if you do not understand or are not comfortable with the significant risks involved in investing in the Notes.**

**You should carefully consider the risks described under “Key Risks” beginning on page 5 and under “Risk Factors” beginning on page PS-9 of the accompanying product supplement before purchasing any Notes. Events relating to any of those risks, or other risks and uncertainties, could adversely affect the market value of, and the return on, your Notes. You may lose a significant portion or all of your initial investment in the Notes. The Notes will not be listed or displayed on any securities exchange or any electronic communications network.**

#### Note Offerings

These terms relate to the separate Note offerings listed below. Each of the Notes is linked to a different underlying asset and each of the Notes has its own contingent coupon rate, initial level, downside threshold and coupon barrier. Each of the Notes is offered at a minimum investment of 100 Notes at \$10 per Note (representing a \$1,000 investment), and integral multiples of \$10 in excess thereof. *The performance of each Note will not depend on the performance of any other Note.*

Underlying Asset	Bloomberg Ticker	Contingent Coupon Rate	Initial Level	Downside Threshold	Coupon Barrier	CUSIP	ISIN
Common stock of Biogen Inc.	BIIB	8.00% per annum	\$315.12	\$163.86, which is 52.00% of the Initial Level	\$163.86, which is 52.00% of the Initial Level	90281C278	US90281C2787
Common stock of Caterpillar Inc.	CAT	8.00% per annum	\$128.60	\$75.10, which is 58.40% of the Initial Level	\$75.10, which is 58.40% of the Initial Level	90281C286	US90281C2860
Common stock of Microsoft Corporation	MSFT	8.00% per annum	\$105.67	\$70.27, which is 66.50% of the Initial Level	\$70.27, which is 66.50% of the Initial Level	90281C294	US90281C2944

The estimated initial value of the Notes as of the trade date is (i) \$9.843 for Notes linked to the common stock of Biogen Inc., (ii) \$9.764 for Notes linked to the common stock of Caterpillar Inc. and (iii) \$9.791 for Notes linked to the common stock of Microsoft Corporation. The estimated initial value of the Notes was determined as of the close of the relevant markets on the date hereof by reference to UBS’ internal pricing models, inclusive of the internal funding rate. For more information about secondary market offers and the estimated initial value of the Notes, see “Key Risks — Fair value considerations” and “— Limited or no secondary market and secondary market price considerations” on pages 6 and 7 herein.

**See “Additional Information about UBS and the Notes” on page ii. The Notes will have the terms set forth in the accompanying product supplement relating to the Notes, dated October 31, 2018, the accompanying prospectus and this document.**

**Neither the Securities and Exchange Commission nor any other regulatory body has approved or disapproved of these Notes or passed upon the adequacy or accuracy of this document, the accompanying product supplement or the accompanying prospectus. Any representation to the contrary is a criminal offense.**

The Notes are not bank deposits and are not insured by the Federal Deposit Insurance Corporation or any other governmental agency.

<b>Offering of Notes</b>	<b>Issue Price to Public</b>		<b>Underwriting Discount</b>		<b>Proceeds to UBS AG</b>	
	<b>Total</b>	<b>Per Note</b>	<b>Total</b>	<b>Per Note</b>	<b>Total</b>	<b>Per Note</b>
Notes linked to the common stock of Biogen Inc.	\$547,840.00	\$10.00	\$10,956.80	\$0.20	\$536,883.20	\$9.80
Notes linked to the common stock of Caterpillar Inc.	\$2,993,500.00	\$10.00	\$59,870.00	\$0.20	\$2,933,630.00	\$9.80
Notes linked to the common stock of Microsoft Corporation	\$8,317,500.00	\$10.00	\$166,350.00	\$0.20	\$8,151,150.00	\$9.80

UBS Financial Services Inc. UBS Investment Bank

Additional Information about UBS and the Notes

UBS has filed a registration statement (including a prospectus, as supplemented by a product supplement for the Notes) with the Securities and Exchange Commission (the “SEC”), for the Notes to which this document relates. Before you invest, you should read these documents and any other documents related to the Notes that UBS has filed with the SEC for more complete information about UBS and the Notes. You may obtain these documents for free from the SEC website at [www.sec.gov](http://www.sec.gov). Our Central Index Key, or CIK, on the SEC website is 0001114446.

You may access these documents on the SEC website at [www.sec.gov](http://www.sec.gov) as follows:

- .. Market-Linked Securities product supplement dated October 31, 2018:  
<http://www.sec.gov/Archives/edgar/data/1114446/000091412118002085/ub47016353-424b2.htm>
- .. Prospectus dated October 31, 2018:  
<http://www.sec.gov/Archives/edgar/data/1114446/000119312518314003/d612032d424b3.htm>

*References to “UBS”, “we”, “our” and “us” refer only to UBS AG and not to its consolidated subsidiaries. In this document, “Trigger Autocallable Contingent Yield Notes” or the “Notes” refer to two different Notes that are offered hereby. Also, references to the “accompanying product supplement” mean the UBS product supplement, dated October 31, 2018, and references to “accompanying prospectus” mean the UBS prospectus, titled “Debt Securities and Warrants”, dated October 31, 2018.*

This document, together with the documents listed above, contains the terms of the Notes and supersedes all other prior or contemporaneous oral statements as well as any other written materials including all other prior pricing terms, correspondence, trade ideas, structures for implementation, sample structures, brochures or other educational materials of ours. You should carefully consider, among other things, the matters set forth in “Key Risks” beginning on page 5 and in “Risk Factors” beginning on page PS-9 in the accompanying product supplement, as the Notes involve risks not associated with conventional debt securities. We urge you to consult your investment, legal, tax, accounting and other advisors before deciding to invest in the Notes.

If there is any inconsistency between the terms of the Notes described in the accompanying prospectus, the accompanying product supplement and this document, the following hierarchy will govern: first, this document; second, the accompanying product supplement; and last, the accompanying prospectus.

UBS reserves the right to change the terms of, or reject any offer to purchase, the Notes prior to their issuance. In the event of any changes to the terms of the Notes, UBS will notify you and you will be asked to accept such changes in connection with your purchase. You may also choose to reject such changes in which case UBS may reject your offer to purchase.

## Investor Suitability

The Notes may be suitable for you if:

- .. You fully understand the risks inherent in an investment in the Notes, including the risk of loss of a significant portion or all of your initial investment.
- .. You can tolerate a loss of a significant portion or all of your initial investment and are willing to make an investment that may have the same downside market risk as an investment in the underlying asset.  
You are willing to receive no contingent coupons and believe the closing level of the underlying asset will be equal to or greater than the coupon barrier on the specified observation dates and that the final level will be equal to or greater than the downside threshold on the final valuation date.
- .. You understand and accept that you will not participate in any appreciation of the underlying asset and that your potential return is limited to any contingent coupons.
- .. You can tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations in the level of the underlying asset.
- .. You are willing to invest in the Notes based on the contingent coupon rate, downside threshold and coupon barrier specified on the cover hereof.
- .. You do not seek guaranteed current income from your investment and are willing to forgo any dividends paid on the underlying asset.
- .. You are willing to invest in Notes that may be subject to an automatic call and you are otherwise willing to hold such Notes to maturity and you accept that there may be little or no secondary market for the Notes.
- .. You understand and accept the single equity risk associated with the Notes and understand and are willing to accept the risks associated with the underlying asset.
- .. You are willing to assume the credit risk of UBS for all payments under the Notes, and understand that if UBS defaults on its obligations you may not receive any amounts due to you including any repayment of principal.  
You understand that the estimated initial value of the Notes determined by our internal pricing models is lower than the issue price and that should UBS Securities LLC or any affiliate make secondary markets for the Notes, the price (not including their customary bid-ask spreads) will temporarily exceed the internal pricing model price.

The Notes may not be suitable for you if:

- .. You do not fully understand the risks inherent in an investment in the Notes, including the risk of loss of a significant portion or all of your initial investment.  
.. You require an investment designed to provide a full return of principal at maturity.
- .. You cannot tolerate a loss of all or a significant portion of your investment or you are not willing to make an investment that may have the same downside market risk as an investment in the underlying asset.  
You believe that the level of the underlying asset will decline during the term of the Notes and that the closing level is likely to be less than the coupon barrier on the specified observation dates or less than the downside threshold on the final valuation date.
- .. You seek an investment that participates in the appreciation of the underlying asset or that has unlimited return potential.
- .. You cannot tolerate fluctuations in the price of the Notes prior to maturity that may be similar to or exceed the downside fluctuations of the underlying asset.
- .. You are unwilling to invest in the Notes based on the contingent coupon rate, downside threshold or coupon barrier specified on the cover hereof.
- .. You seek guaranteed current income from your investment or are unwilling to forgo any dividends paid on the underlying asset.
- .. You do not understand or accept the single equity risk associated with the Notes or do not understand or are unwilling to accept the risks associated with the underlying asset.
- .. You are unable or unwilling to invest in Notes that may be subject to an automatic call, you are otherwise unable or unwilling to hold the Notes to maturity or you seek an investment for which there will be an active secondary market.

..You are not willing to assume the credit risk of UBS for all payments under the Notes, including any repayment of principal.

**The suitability considerations identified above are not exhaustive. Whether or not the Notes are a suitable investment for you will depend on your individual circumstances and you should reach an investment decision only after you and your investment, legal, tax, accounting and other advisors have carefully considered the suitability of an investment in the Notes in light of your particular circumstances. You should review “Information About the Underlying Asset” herein for more information on the underlying assets. You should also review carefully the “Key Risks” section herein for risks related to an investment in the Notes.**

Final Terms for Each Offering of the Notes

Issuer UBS AG London Branch  
 Principal Amount \$10 per Note  
 Term Approximately 36 months, unless subject to an automatic call.  
 Underlying Asset The common stock of a specific company, as indicated on the cover hereof.

**If the closing level of the underlying asset is equal to or greater than the coupon barrier on any observation date (including the final valuation date), UBS will pay you the contingent coupon applicable to such observation date.**

**If the closing level of the underlying asset is less than the coupon barrier on any observation date (including the final valuation date), the contingent coupon applicable to such observation date will not accrue or be payable and UBS will not make any payment to you on the relevant coupon payment date.**

The contingent coupon is a fixed amount based upon equal periodic installments at the contingent coupon rate, which is a per annum rate. The table below sets forth the contingent coupon rate and contingent coupon for each Note that would be applicable to each observation date on which the closing level of the underlying asset is equal to or greater than the coupon barrier.

	Biogen Inc.	Caterpillar Inc.	Microsoft Corporation
<b>Contingent Coupon Rate</b>	8.00%	8.00%	8.00%
<b>Contingent Coupon</b>	\$0.20	\$0.20	\$0.20

**Contingent coupons on the Notes are not guaranteed. UBS will not pay you the contingent coupon for any observation date on which the closing level of the underlying asset is less than the coupon barrier.**

Coupon Barrier<sup>(1)</sup> A specified level of the underlying asset that is less than the initial level, equal to a percentage of the initial level and equal to the downside threshold, as specified on the cover hereof.

UBS will automatically call the Notes if the closing level of the underlying asset on any observation date (quarterly, beginning after six months) prior to the final valuation date is equal to or greater than the initial level.

Automatic Call Feature If the Notes are subject to an automatic call, UBS will pay you on the corresponding coupon payment date (which will be the “call settlement date”) a cash payment per Note equal to your principal amount plus the contingent coupon otherwise due on such date (the “call settlement amount”). Following an automatic call, no further payments will be made on the Notes.



Payment at  
Maturity (per  
Note)

**If the Notes are not subject to an automatic call and the final level is equal to or greater than the downside threshold,** UBS will pay you a cash payment equal to:

Principal Amount of \$10

**If the Notes are not subject to an automatic call and the final level is less than the downside threshold,** UBS will pay you a cash payment that is less than the principal amount, if anything, equal to:

$\$10 \times (1 + \text{Underlying Return})$

**In such a case, you will suffer a percentage loss on your initial investment equal to the underlying return.**

The quotient, expressed as a percentage, of the following formula:

Underlying  
Return

$$\frac{\text{Final Level} - \text{Initial Level}}{\text{Initial Level}}$$

Downside  
Threshold<sup>(1)</sup>

A specified level of the underlying asset that is less than the initial level, equal to a percentage of the initial level and equal to the coupon barrier, as specified on the cover hereof.

Initial Level<sup>(1)</sup>

The closing level of the underlying asset on the trade date, as specified on the cover hereof.

Final Level<sup>(1)</sup>

The closing level of the underlying asset on the final valuation date.

<sup>(1)</sup> As determined by the calculation agent and as may be adjusted in the case of certain adjustment events as described under “General Terms of the Notes — Antidilution Adjustments for Notes Linked to an Underlying Equity or Equity Basket Asset” and “Reorganization Events for Notes Linked to an Underlying Equity or Equity Basket Asset” in the accompanying product supplement.

Investment Timeline

<b>Trade date</b>	<p>The initial level of the underlying asset is observed and the final terms of the Notes are set.</p> <p>If the closing level is equal to or greater than the coupon barrier on any observation date (including the final valuation date), UBS will pay you a contingent coupon on the applicable coupon payment date.</p>
<b>Quarterly (callable after six months)</b>	<p>The Notes will be subject to an automatic call if the closing level of the underlying asset on any observation date (quarterly, beginning after six months) prior to the final valuation date is equal to or greater than the initial level.</p> <p>If the Notes are subject to an automatic call UBS will pay you a cash payment per Note equal to your principal amount plus the contingent coupon otherwise due on such date. Following an automatic call, no further payments will be made on the Notes.</p> <p>The final level is observed on the final valuation date and the underlying return of the underlying asset is calculated.</p> <p><b>If the Notes are not subject to an automatic call and the final level is equal to or greater than the downside threshold, UBS will pay you a cash payment per Note equal to:</b></p> <p>Principal Amount of \$10</p>
<b>Maturity date</b>	<p><b>If the Notes are not subject to an automatic call and the final level is less than the downside threshold, UBS will pay you a cash payment per Note that is less than the principal amount, if anything, equal to:</b></p> <p><math>\\$10 \times (1 + \text{Underlying Return})</math></p> <p><b>In such a case, you will suffer a percentage loss on your initial investment equal to the underlying return.</b></p>

**Investing in the Notes involves significant risks. You may lose a significant portion or all of your initial investment. Any payment on the Notes, including any repayment of principal, is subject to the creditworthiness of UBS. If UBS were to default on its payment obligations, you may not receive any amounts owed to you under the Notes and you could lose all of your initial investment.**

**If the Notes are not subject to an automatic call, you may lose a significant portion or all of your initial investment. Specifically, if the Notes are not subject to an automatic call and the final level is less than the downside threshold, you will lose a percentage of your principal amount equal to the underlying return and, in extreme situations, you could lose all of your initial investment.**

Observation Dates<sup>(1)</sup> and Coupon Payment Dates<sup>(1)(2)(3)</sup>

<b>Observation Dates</b>	<b>Coupon Payment Dates</b>	<b>Observation Dates</b>	<b>Coupon Payment Dates</b>	<b>Observation Dates</b>	<b>Coupon Payment Dates</b>
May 8, 2019*	May 10, 2019*	May 8, 2020	May 12, 2020	May 10, 2021	May 12, 2021
August 8, 2019*	August 12, 2019	August 10, 2020	August 12, 2020	August 9, 2021	August 11, 2021
November 8, 2019	November 13, 2019	November 9, 2020	November 12, 2020	November 8, 2021	November 10, 2021
February 10, 2020	February 12, 2020	February 8, 2021	February 10, 2021	Final Valuation Date	Maturity Date

\* The Notes are not callable until the first potential call settlement date, which is August 12, 2019.

(1) Subject to the market disruption event provisions set forth in the accompanying product supplement.

If you are able to sell the Notes in the secondary market on an observation date, the purchaser of the Notes will be (2) deemed to be the record holder on the applicable record date and therefore you will not be entitled to any payment attributable to that observation date.

(3) Two business days following each observation date, except that the coupon payment date for the final valuation date is the maturity date.

## Key Risks

An investment in the Notes involves significant risks. Investing in the Notes is not equivalent to investing in the underlying asset. Some of the key risks that apply to the Notes are summarized below, but we urge you to read the more detailed explanation of risks relating to the Notes in the “Risk Factors” section of the accompanying product supplement. We also urge you to consult your investment, legal, tax, accounting and other advisors before you invest in the Notes.

**Risk of loss at maturity** — The Notes differ from ordinary debt securities in that UBS will not necessarily make periodic coupon payments or repay the principal amount of the Notes at maturity. If the Notes are not subject to an automatic call and the final level is less than the downside threshold, you will lose a percentage of your principal amount equal to the underlying return and, in extreme situations, you could lose all of your initial investment.

**The contingent repayment of principal applies only at maturity** — You should be willing to hold your Notes to maturity. If you are able to sell your Notes prior to an automatic call or maturity in the secondary market, you may have to sell them at a loss relative to your initial investment even if the then-current level of the underlying asset at that time is equal to or greater than the downside threshold. All payments on the Notes are subject to the creditworthiness of UBS.

**You may not receive any contingent coupons with respect to your Notes** — UBS will not necessarily make periodic coupon payments on the Notes. UBS will pay a contingent coupon for each observation date on which the closing level of the underlying asset is equal to or greater than the coupon barrier. If the closing level of the underlying asset is less than the coupon barrier on any observation date, UBS will not pay you the contingent coupon applicable to such observation date. If the closing level of the underlying asset is less than the coupon barrier on each of the observation dates, UBS will not pay you any contingent coupons during the term of, and you will not receive a positive return on, your Notes. Generally, this non-payment of the contingent coupon coincides with a period of greater risk of principal loss on your Notes.

**Your potential return on the Notes is limited to any contingent coupons and you will not participate in any appreciation of the underlying asset** — The return potential of the Notes is limited to the pre-specified contingent coupon rate, regardless of any appreciation of the underlying asset. In addition, your return on the Notes will vary based on the number of observation dates, if any, in which the requirements of the contingent coupon have been met prior to maturity or an automatic call. Further, if the Notes are subject to an automatic call, you will not receive any contingent coupons or any other payment in respect of any observation dates after the applicable call settlement date. Because the Notes may be subject to an automatic call as early as the first potential call settlement date, the total return on the Notes could be less than if the Notes remained outstanding until maturity. Furthermore, if the Notes are not subject to an automatic call, you may be subject to the decline of the underlying asset even though you cannot participate in any appreciation of the underlying asset. As a result, the return on an investment in the Notes could be less than the return on a direct investment in the underlying asset. In addition, as an owner of the Notes, you will not have voting rights or any other rights of a holder of the underlying asset.

**A higher contingent coupon rate or lower downside threshold or coupon barrier may reflect greater expected volatility of the underlying asset, and greater expected volatility generally indicates an increased risk of loss at maturity** — The economic terms for the Notes, including the contingent coupon rate, coupon barrier and downside threshold, are based, in part, on the expected volatility of the underlying asset at the time the terms of the Notes are set. “Volatility” refers to the frequency and magnitude of changes in the level of the underlying asset. The greater the expected volatility of the underlying asset as of the trade date, the greater the expectation is as of that date that the closing level of the underlying asset could be less than the coupon barrier on any observation date and that the final level of the underlying asset could be less than the downside threshold on the final valuation date and, as a consequence, indicates an increased risk of not receiving a contingent coupon and an increased risk of loss, respectively. All things being equal, this greater expected volatility will generally be reflected in a higher contingent coupon rate than the yield payable on our conventional debt securities with a similar maturity or on otherwise comparable securities, and/or a lower downside threshold and/or coupon barrier than those terms on otherwise comparable securities. Therefore, a relatively higher contingent coupon rate may indicate an increased risk of loss.

Further, relatively lower downside thresholds and/or coupon barriers may not necessarily indicate that the Notes have a greater likelihood of a return of principal at maturity and/or paying contingent coupons. You should be willing to accept the downside market risk of the underlying asset and the potential to lose a significant portion or all of your initial investment.

**Reinvestment risk** — The Notes will be subject to an automatic call if the closing level of the underlying asset is equal to or greater than the initial level on certain observation dates prior to the final valuation date, as set forth under “Observation Dates and Coupon Payment Dates” above. Because the Notes could be subject to an automatic call, the term of your investment may be limited. In the event that the Notes are subject to an automatic call, there is no guarantee that you would be able to reinvest the proceeds at a comparable return and/or with a comparable contingent coupon rate for a similar level of risk. In addition, to the extent you are able to reinvest such proceeds in an investment comparable to the Notes, you may incur transaction costs such as dealer discounts and hedging costs built into the price of the new securities. Generally, however, the longer the Notes remain outstanding, the less likely the Notes will be subject to an automatic call due to the decline in the level of the underlying asset and the shorter time remaining for the level of the underlying asset to recover. Such periods generally coincide with a period of greater risk of principal loss on your Notes.

**Credit risk of UBS** — The Notes are unsubordinated, unsecured debt obligations of UBS and are not, either directly or indirectly, an obligation of any third party. Any payment to be made on the Notes, including any repayment of principal, depends on the ability of UBS to satisfy its obligations as they come due. As a result, UBS’ actual and perceived creditworthiness of UBS may affect the market value of the Notes. If UBS were to default on its obligations, you may not receive any amounts owed to you under the terms of the Notes and you could lose all of your initial investment.

**Single equity risk** — The level of the underlying asset can rise or fall sharply due to factors specific to that underlying asset and the issuer of such underlying asset (the "underlying asset issuer"), such as stock price volatility, earnings, financial conditions, corporate, industry and regulatory developments, management changes and decisions and other events, as well as general market factors, such as general market volatility and levels, interest rates and economic and political conditions. You, as an investor in the Notes, should make your own investigation into the underlying asset issuer and the underlying asset for your Notes. For additional information regarding the underlying asset issuer, please see "Information about the Underlying Asset" in this document and the underlying asset issuer's SEC filings referred to in that section. **We urge you to review financial and other information filed periodically by the applicable underlying asset issuer with the SEC.**

**Fair value considerations.**

**The issue price you pay for the Notes exceeds their estimated initial value** — The issue price you pay for the Notes exceeds their estimated initial value as of the trade date due to the inclusion in the issue price of the underwriting discount, hedging costs, issuance costs and projected profits. As of the close of the relevant markets on the trade date, we have determined the estimated initial value of the Notes by reference to our internal pricing models and it is set forth in this pricing supplement. The pricing models used to determine the estimated initial value of the Notes incorporate certain variables, including the level and volatility of the underlying asset, any expected dividends on the underlying asset, if applicable, prevailing interest rates, the term of the Notes and our internal funding rate. Our internal funding rate is typically lower than the rate we would pay to issue conventional fixed or floating rate debt securities of a similar term. The underwriting discount, hedging costs, issuance costs, projected profits and the difference in rates will reduce the economic value of the Notes to you. Due to these factors, the estimated initial value of the Notes as of the trade date is less than the issue price you pay for the Notes.

**The estimated initial value is a theoretical price; the actual price that you may be able to sell your Notes in any secondary market (if any) at any time after the trade date may differ from the estimated initial value** — The value of your Notes at any time will vary based on many factors, including the factors described above and in "—Single equity risk" above and is impossible to predict. Furthermore, the pricing models that we use are proprietary and rely in part on certain assumptions about future events, which may prove to be incorrect. As a result, after the trade date, if you attempt to sell the Notes in the secondary market, the actual value you would receive may differ, perhaps materially, from the estimated initial value of the Notes determined by reference to our internal pricing models. The estimated initial value of the Notes does not represent a minimum or maximum price at which we or any of our affiliates would be willing to purchase your Notes in any secondary market at any time.

**Our actual profits may be greater or less than the differential between the estimated initial value and the issue price of the Notes as of the trade date** — We may determine the economic terms of the Notes, as well as hedge our obligations, at least in part, prior to the trade date. In addition, there may be ongoing costs to us to maintain and/or adjust any hedges and such hedges are often imperfect. Therefore, our actual profits (or potentially, losses) in issuing the Notes cannot be determined as of the trade date and any such differential between the estimated initial value and the issue price of the Notes as of the trade date does not reflect our actual profits. Ultimately, our actual profits will be known only at the maturity of the Notes.

**Limited or no secondary market and secondary market price considerations.**

**There may be little or no secondary market for the Notes** — The Notes will not be listed or displayed on any securities exchange or any electronic communications network. UBS Securities LLC and its affiliates intend, but are not required, to make a market for the Notes and may stop making a market at any time. If you are able to sell your Notes prior to maturity, you may have to sell them at a substantial loss. Furthermore, there can be no assurance that a secondary market for the Notes will develop. The estimated initial value of the Notes does not represent a minimum or maximum price at which we or any of our affiliates would be willing to purchase your Notes in any secondary market at any time.

**The price at which UBS Securities LLC and its affiliates may offer to buy the Notes in the secondary market (if any) may be greater than UBS' valuation of the Notes at that time, greater than any other secondary market prices provided by unaffiliated dealers (if any) and, depending on your broker, greater than the valuation provided on your customer account statements** — For a limited period of time following the issuance of the Notes, UBS Securities LLC or its affiliates may offer to buy or sell such Notes at a price that exceeds (i) our valuation of the

Notes at that time based on our internal pricing models, (ii) any secondary market prices provided by unaffiliated dealers (if any) and (iii) depending on your broker, the valuation provided on customer account statements. The price that UBS Securities LLC may initially offer to buy such Notes following issuance will exceed the valuations indicated by our internal pricing models due to the inclusion for a limited period of time of the aggregate value of the underwriting discount, hedging costs, issuance costs and theoretical projected trading profit. The portion of such amounts included in our price will decline to zero on a straight line basis over a period ending no later than the date specified under “Supplemental Plan of Distribution (Conflicts of Interest); Secondary Markets (if any)”. Thereafter, if UBS Securities LLC or an affiliate makes secondary markets in the Notes, it will do so at prices that reflect our estimated value determined by reference to our internal pricing models at that time. The temporary positive differential relative to our internal pricing models arises from requests from and arrangements made by UBS Securities LLC with the selling agents of structured debt securities such as the Notes. As described above, UBS Securities LLC and its affiliates intend, but are not required, to make a market for the Notes and may stop making a market at any time. The price at which UBS Securities LLC or an affiliate may make secondary markets at any time (if at all) will also reflect its then current bid-ask spread for similar sized trades of structured debt securities. UBS Financial Services Inc. and UBS Securities LLC reflect this temporary positive differential on their customer statements. Investors should inquire as to the valuation provided on customer account statements provided by unaffiliated dealers.

**Economic and market factors affecting the terms and market price of Notes prior to maturity** — Because structured notes, including the Notes, can be thought of as having a debt component and a derivative component, factors that influence the values of debt instruments and options and other derivatives will also affect the terms and features of the Notes at issuance and the market price of the Notes prior to maturity. These factors include the level of the underlying asset; the volatility of the underlying asset; any dividends paid on the underlying asset; the time remaining to the maturity of the Notes; interest rates in the markets; geopolitical conditions and economic, financial, political, force majeure and regulatory or judicial events; whether the underlying asset is currently or has been less than the coupon barrier; the availability of comparable instruments; and the creditworthiness of UBS; the then current bid-ask spread for the Notes and the factors discussed under “— Potential conflict of interest” below. These and other factors are unpredictable and interrelated and may offset or magnify each other.

**Impact of fees and the use of internal funding rates rather than secondary market credit spreads on secondary market prices** — All other things being equal, the use of the internal funding rates described above under “— Fair value considerations” as well as the inclusion in the issue price of the underwriting discount, hedging costs, issuance costs and any projected profits are, subject to the temporary mitigating effect of UBS Securities LLC’s and its affiliates’ market making premium, expected to reduce the price at which you may be able to sell the Notes in any secondary market.

**There can be no assurance that the investment view implicit in the Notes will be successful** — It is impossible to predict whether and the extent to which the level of the underlying asset will rise or fall and there can be no assurance that the closing level of the underlying asset will be equal to or greater than the coupon barrier on any observation date, or, if the Notes are not subject to an automatic call, that the final level will be equal to or greater than the downside threshold. The level of the underlying asset will be influenced by complex and interrelated political, economic, financial and other factors that affect the underlying asset issuer. You should be willing to accept the downside risks of owning equities in general and the underlying asset in particular, and the risk of losing a significant portion or all of your initial investment.

**There is no affiliation between the underlying asset issuer and UBS, and UBS is not responsible for any disclosure by such issuer** — We are not affiliated with the underlying asset issuer. However, we and our affiliates may currently, or from time to time in the future engage in business with the underlying asset issuer. However, we are not affiliated with the underlying asset issuer and are not responsible for such issuer’s public disclosure of information, whether contained in SEC filings or otherwise. You, as an investor in the Notes, should conduct your own investigation into the underlying asset and the underlying asset issuer for your Notes. The underlying asset issuer is not involved in the Notes offered hereby in any way and has no obligation of any sort with respect to your Notes. The underlying asset issuer has no obligation to take your interests into consideration for any reason, including when taking any corporate actions that might affect the value of your Notes.

**The calculation agent can make antidilution and reorganization adjustments that affect the payment to you at maturity** — For antidilution and reorganization events affecting the underlying asset, the calculation agent may make adjustments to the initial level, coupon barrier, downside threshold and/or final level, as applicable, and any other term of the Notes. However, the calculation agent will not make an adjustment in response to every corporate event that could affect the underlying asset. If an event occurs that does not require the calculation agent to make an adjustment, the market value of the Notes and the payment at maturity may be materially and adversely affected. In addition, all determinations and calculations concerning any such adjustments will be made by the calculation agent. You should be aware that the calculation agent may make any such adjustment, determination or calculation in a manner that differs from that discussed in the accompanying product supplement or this document as necessary to achieve an equitable result. Following certain reorganization events relating to the underlying asset issuer where such issuer is not the surviving entity, the determination as to whether the contingent coupon is payable to you on any coupon payment date, whether the Notes are subject to an automatic call or the amount you receive at maturity may be based on the equity security of a successor to the underlying asset issuer in combination with any cash or any other assets distributed to holders of the underlying asset in such reorganization event. If the underlying asset issuer becomes subject to (i) a reorganization event whereby the underlying asset is exchanged solely for cash, (ii) a merger or consolidation with UBS or any of its affiliates, or (iii) the underlying asset is delisted or otherwise suspended from trading, the determination as to whether the contingent coupon is payable to you on any coupon payment date,



whether the Notes are subject to an automatic call or the amount you receive at maturity may be based on a substitute security. The occurrence of any antidilution or reorganization event and the consequent adjustments may materially and adversely affect the value of the Notes and your payment at maturity, if any. For more information, see the sections “General Terms of the Notes — Antidilution Adjustments for Notes Linked to an Underlying Equity or Equity Basket Asset” and “—Reorganization Events for Notes Linked to an Underlying Equity or Equity Basket Asset” in the accompanying product supplement.

**Potential UBS impact on the underlying asset** — Trading or transactions by UBS or its affiliates in the underlying asset, listed and/or over-the-counter options, futures, exchange-traded funds or other instruments with returns linked to the performance of the underlying asset, may adversely affect the market price of that underlying asset on any observation date (including the final valuation date) and, therefore, the market value of the Notes and any payment of any contingent coupons or at maturity.

**Potential conflict of interest** — UBS and its affiliates may engage in business with an underlying asset issuer, which may present a conflict between the obligations of UBS and you, as a holder of the Notes. There are also potential conflicts of interest between you and the calculation agent, which will be an affiliate of UBS and which will make potentially subjective judgments. The calculation agent will determine whether the contingent coupon is payable to you on any coupon payment date, whether the Notes are subject to an automatic call and the payment at maturity of the Notes, if any, based on observed levels of the underlying asset. The calculation agent can postpone the determination of the terms of the Notes on the trade date, any observation date or final valuation date, respectively.

As UBS determines the economic terms of the Notes, including the contingent coupon rate, downside threshold and coupon barrier, and such terms include the underwriting discount, hedging costs, issuance costs and projected profits, the Notes represent a package of economic terms. There are other potential conflicts of interest insofar as an investor could potentially get better economic terms if that investor entered into exchange-traded and/or OTC derivatives or other instruments with third parties, assuming that such instruments were available and the investor had the ability to assemble and enter into such instruments.

**Potentially inconsistent research, opinions or recommendations by UBS** — UBS and its affiliates publish research from time to time on financial markets and other matters that may influence the value of the Notes, or express opinions or provide recommendations that are inconsistent with purchasing or holding the Notes. Any research, opinions or recommendations expressed by UBS or its affiliates may not be consistent with each other and may be modified from time to time without notice. Investors should make their own independent investigation of the merits of investing in the Notes and the underlying asset to which the Notes are linked.

**The Notes are not bank deposits** — An investment in the Notes carries risks which are very different from the risk profile of a bank deposit placed with UBS or its affiliates. The Notes have different yield and/or return, liquidity and risk profiles and would not benefit from any protection provided to deposits.

**If UBS experiences financial difficulties, FINMA has the power to open restructuring or liquidation proceedings in respect of, and/or impose protective measures in relation to, UBS, which proceedings or measures may have a material adverse effect on the terms and market value of the Notes and/or the ability of UBS to make payments thereunder** — The Swiss Financial Market Supervisory Authority (“FINMA”) has broad statutory powers to take measures and actions in relation to UBS if (i) it concludes that there is justified concern that UBS is over-indebted or has serious liquidity problems or (ii) UBS fails to fulfil the applicable capital adequacy requirements (whether on a standalone or consolidated basis) after expiry of a deadline set by FINMA. If one of these pre-requisites is met, FINMA is authorized to open restructuring proceedings or liquidation (bankruptcy) proceedings in respect of, and/or impose protective measures in relation to, UBS. The Swiss Banking Act grants significant discretion to FINMA in connection with the aforementioned proceedings and measures. In particular, a broad variety of protective measures may be imposed by FINMA, including a bank moratorium or a maturity postponement, which measures may be ordered by FINMA either on a stand-alone basis or in connection with restructuring or liquidation proceedings. The resolution regime of the Swiss Banking Act is further detailed in the FINMA Banking Insolvency Ordinance (“BIO-FINMA”). In a restructuring proceeding, FINMA, as resolution authority, is competent to approve the resolution plan. The resolution plan may, among other things, provide for (a) the transfer of all or a portion of UBS’ assets, debts, other liabilities and contracts (which may or may not include the contractual relationship between UBS and the holders of Notes) to another entity, (b) a stay (for a maximum of two business days) on the termination of contracts to which UBS is a party, and/or the exercise of (w) rights to terminate, (x) netting rights, (y) rights to enforce or dispose of collateral or (z) rights to transfer claims, liabilities or collateral under contracts to which UBS is a party, (c) the conversion of UBS’ debt and/or other obligations, including its obligations under the Notes, into equity (a “debt-to-equity” swap), and/or (d) the partial or full write-off of obligations owed by UBS (a “write-off”), including its obligations under the Notes. The BIO-FINMA provides that a debt-to-equity swap and/or a write-off of debt and other obligations (including the Notes) may only take place after (i) all debt instruments issued by UBS qualifying as additional tier 1 capital or tier 2 capital have been converted into equity or written-off, as applicable, and (ii) the existing equity of UBS has been fully cancelled. While the BIO-FINMA does not expressly address the order in which a write-off of debt instruments other than debt instruments qualifying as additional tier 1 capital or tier 2 capital should occur, it states that debt-to-equity swaps should occur in the following order: first, all subordinated claims not qualifying as regulatory capital; second, all other claims not excluded by law from a debt-to-equity swap (other than deposits); and third, deposits (in excess of the amount privileged by law). However, given the broad discretion granted to FINMA as the resolution authority, any restructuring plan in respect of UBS could provide that the claims under or in connection with the Notes will be partially or fully converted into equity or written-off, while preserving other obligations of UBS that rank *pari passu* with, or even junior to, UBS’ obligations under the Notes. Consequently, holders of Notes may lose all or some of their investment in the Notes. In the case of restructuring proceedings with respect to a systemically important Swiss bank (such as UBS), the creditors whose claims are affected by the restructuring plan will not have a right to vote on, reject, or seek the suspension of the restructuring plan. In addition, if a restructuring plan has been approved by FINMA, the rights of a creditor to seek judicial review of the restructuring plan (e.g., on the grounds that the plan would unduly prejudice the rights of holders of Notes or otherwise be in violation of the Swiss Banking Act) are very limited. In particular, a court may not suspend the implementation of the restructuring plan. Furthermore, even if a creditor successfully challenges the restructuring plan, the court can only require the relevant creditor to be compensated *ex post* and there is currently no guidance as to on what basis such compensation would be calculated or how it would be funded.

**Dealer incentives** — UBS and its affiliates act in various capacities with respect to the Notes. We and our affiliates may act as a principal, agent or dealer in connection with the sale of the Notes. Such affiliates, including the sales representatives, will derive compensation from the distribution of the Notes and such compensation may serve as an incentive to sell these Notes instead of other investments. We will pay total underwriting compensation in an amount equal to the underwriting discount listed on the cover hereof per Note to any of our affiliates acting as agents or dealers in connection with the distribution of the Notes. Given that UBS Securities LLC and its affiliates temporarily maintain a market making premium, it may have the effect of discouraging UBS Securities LLC and its affiliates from recommending sale of your Notes in the secondary market.

**Uncertain tax treatment** — Significant aspects of the tax treatment of the Securities are uncertain. You should consult your tax advisor about your tax situation. See “What are the Tax Consequences of the Securities” herein and “Material U.S. Federal Income Tax Consequences”, including the section “—Securities Treated as Prepaid Derivatives or Prepaid Forwards with Associated Contingent Coupons”, in the accompanying product supplement.

## Hypothetical Examples of How the Notes Might Perform

**The below examples are based on hypothetical terms. The actual terms are indicated on the cover hereof.**

The examples below illustrate the payment upon a call or at maturity for a \$10 Note on a hypothetical offering of the Notes, with the following assumptions (amounts may have been rounded for ease of reference):

Principal Amount:	\$10.00
Term:	Approximately 3 years
Initial Level:	\$100.00
Contingent Coupon Rate:	7.00% per annum (or 1.75% per quarter)
Contingent Coupon:	\$0.175 per quarter
Observation Dates:	Quarterly (callable after 6 months)
Downside Threshold:	\$80.00 (which is 80.00% of the Initial Level)
	\$80.00 (which is 80.00% of the Initial Level)
Coupon Barrier:	

**Example 1 — The Closing Level of the Underlying Asset is equal to or greater than the Initial Level on the Observation Date corresponding to the first Potential Call Settlement Date.**

Date	Closing Level	Payment (per Note)
First Observation Date	\$115.00 (equal to or greater than Initial Level)	\$0.175 (Contingent Coupon – Not Callable)
Second Observation Date	\$108.00 (equal to or greater than Initial Level)	\$10.175 (Call Settlement Amount)
	Total Payment:	\$10.350 (a 3.50% total return)

Because the Notes are subject to an automatic call following the second observation date (which is approximately 6 months after the trade date and is the first observation date on which they are callable), UBS will pay you on the call settlement date a total of \$10.175 per Note, reflecting your principal amount plus the applicable contingent coupon. When added to the contingent coupon of \$0.175 received in respect of the prior observation date, UBS will have paid you a total of \$10.350 per Note for a 3.50% total return on the Notes. No further amount will be owed to you under the Notes.

**Example 2 — The Notes are NOT Subject to an Automatic Call and the Final Level of the Underlying Asset is equal to or greater than the Downside Threshold and Coupon Barrier.**

Date	Closing Level	Payment (per Note)
First Observation Date	\$90.00 (equal to or greater than Coupon Barrier; less than Initial Level)	\$0.175 (Contingent Coupon)
Second Observation Date	\$70.00 (less than Coupon Barrier)	\$0
Third to Eleventh Observation Dates	Various (all less than Coupon Barrier)	\$0
Final Valuation Date	\$88.00 (equal to or greater than Downside Threshold and Coupon Barrier)	\$10.175 (Payment at Maturity)
	Total Payment:	\$10.350 (a 3.50% total return)

Because the Notes are not subject to an automatic call and the final level of the underlying asset is equal to or greater than the downside threshold and coupon barrier, at maturity, UBS will pay you a total of \$10.175 per Note, reflecting your principal amount plus the applicable contingent coupon. When added to the contingent coupon of \$0.175 received in respect of the prior observation dates, UBS will have paid you a total of \$10.350 per Note for a 3.50% total return on the Notes.



**Example 3 — The Notes are NOT Subject to an Automatic Call and the Final Level of the Underlying Asset is less than the Downside Threshold and Coupon Barrier.**

<b>Date</b>	<b>Closing Level</b>	<b>Payment (per Note)</b>
First Observation Date	\$90.00 (equal to or greater than Coupon Barrier; less than Initial Level)	\$0.175 (Contingent Coupon)
Second Observation Date	\$85.00 (equal to or greater than Coupon Barrier; less than Initial Level)	\$0.175 (Contingent Coupon)
Third to Eleventh Observation Dates	Various (all less than Coupon Barrier)	\$0
Final Valuation Date	\$40.00 (less than Downside Threshold and Coupon Barrier)	\$10 x (1 + Underlying Return) = \$10 x [1 + (-60%)] = \$10 x 0.40 = \$4 (Payment at Maturity)
	Total Payment:	\$4.350 (a 56.50% loss)

Because the Notes are not subject to an automatic call and the final level of the underlying asset is less than the downside threshold, at maturity, UBS will pay you \$4 per Note. When added to the contingent coupons of \$0.350 received in respect of the prior observation dates, UBS will have paid you \$4.350 per Note for a loss on the Notes of 56.50%.

**Investing in the Notes involves significant risks. The Notes differ from ordinary debt securities in that UBS is not necessarily obligated to repay the full amount of your initial investment. If the Notes are not subject to an automatic call, you may lose a significant portion or all of your initial investment. Specifically, if the Notes are not subject to an automatic call and the final level is less than the downside threshold, you will lose a percentage of your principal amount equal to the underlying return and, in extreme situations, you could lose all of your initial investment.**

**Any payment on the Notes, including any payments in respect of an automatic call, contingent coupon or any repayment of principal, is subject to the creditworthiness of UBS. If UBS were to default on its payment obligations, you may not receive any amounts owed to you under the Notes and you could lose all of your initial investment.**

## Information about the Underlying Asset

All disclosures contained in this document regarding the underlying asset for the Notes are derived from publicly available information. UBS has not conducted any independent review or due diligence of any publicly available information with respect to the underlying assets. **You should make your own investigation into each underlying asset.**

Included on the following pages is a brief description of each underlying asset issuer for the Notes. This information has been obtained from publicly available sources. Set forth below is a table that provides the quarterly closing high and quarterly closing low for each underlying asset. The information given below is for the specified calendar quarters. We obtained the closing level information set forth below from the Bloomberg Professional<sup>®</sup> service (“Bloomberg”) without independent verification. You should not take the historical prices of each underlying asset as an indication of future performance.

Each underlying asset is registered under the Securities Act of 1933, the Securities Exchange Act of 1934 and/or the Investment Company Act of 1940, each as amended. Companies with securities registered with the SEC are required to file financial and other information specified by the SEC periodically. Information filed by each underlying asset issuer with the SEC can be reviewed electronically through a website maintained by the SEC. The address of the SEC’s website is <http://www.sec.gov>. Information filed with the SEC by each underlying asset issuer can be located by reference to its SEC file number provided below. In addition, information filed with the SEC can be inspected and copied at the Public Reference Section of the SEC, 100 F Street, N.E., Room 1580, Washington, D.C. 20549. Copies of this material can also be obtained from the Public Reference Section, at prescribed rates.

**Biogen Inc.**

According to publicly available information, Biogen Inc. (“Biogen”) is a biopharmaceutical company focused on discovering, developing, manufacturing and delivering therapies for neurological and neurodegenerative diseases. Information filed by Biogen with the SEC under the Exchange Act can be located by reference to its SEC file number: 000-19311, or its CIK Code: 0000875045. Biogen’s website is biogen.com. Biogen’s common stock is listed on the NASDAQ Global Select Market under the ticker symbol “BIIB.”

Information from outside sources is not incorporated by reference in, and should not be considered part of, this document or any document incorporated herein by reference. UBS has not conducted any independent review or due diligence of any publicly available information with respect to the underlying asset.

**Historical Information**

The following table sets forth the quarterly closing high and quarterly closing low for Biogen’s common stock, based on the daily closing levels on the primary exchange for Biogen. We obtained the closing levels below from Bloomberg, without independent verification. The closing levels may be adjusted by Bloomberg for corporate actions such as stock splits, public offerings, mergers and acquisitions, spin-offs, extraordinary dividends, delistings and bankruptcy. UBS has not undertaken an independent review or due diligence of any publicly available information obtained from Bloomberg. The closing level of Biogen’s common stock on February 8, 2019 was \$315.12. ***The historical performance of the underlying asset should not be taken as indication of the future performance of the underlying asset during the term of the Notes.***

<b>Quarter Begin</b>	<b>Quarter End</b>	<b>Quarterly Closing High</b>	<b>Quarterly Closing Low</b>	<b>Quarterly Close</b>
1/1/2015	3/31/2015	\$438.43	\$308.25	\$388.93
4/1/2015	6/30/2015	\$396.96	\$344.43	\$372.07
7/1/2015	9/30/2015	\$377.19	\$250.80	\$268.79