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Putnam BioRevolution™ ETF

Summary prospectus

8 | 30 | 23

FUND SYMBOL Putnam BioRevolution™ ETF

SYNB

Principal U.S. Listing Exchange: NYSE Arca, Inc.

George Putnam Balanced Fund	Putnam Research Fund
Putnam BDC Income ETF	Putnam Small Cap Value Fund
Putnam BioRevolution ETF	Putnam Sustainable Future ETF
Putnam Convertible Securities Fund	Putnam Sustainable Future Fund
Putnam Core Equity Fund	Putnam Sustainable Leaders ETF
Putnam Dynamic Asset Allocation Balanced Fund	Putnam Sustainable Leaders Fund
Putnam Dynamic Asset Allocation Growth Fund	Putnam Ultra Short Duration Income Fund
Putnam Emerging Markets Equity Fund	Putnam VT Core Equity Fund
Putnam Emerging Markets ex-China ETF	Putnam VT Diversified Income Fund
Putnam ESG Core Bond ETF	Putnam VT Emerging Markets Equity Fund
Putnam ESG High Yield ETF	Putnam VT Focused International Equity Fund
Putnam ESG Ultra Short ETF	Putnam VT George Putnam Balanced Fund
Putnam Focused International Equity Fund	Putnam VT Global Asset Allocation Fund
Putnam Focused Large Cap Growth ETF	Putnam VT Global Health Care Fund
Putnam Global Health Care Fund	Putnam VT Government Money Market Fund
Putnam Government Money Market Fund	Putnam VT High Yield Fund
Putnam High Yield Fund	Putnam VT Income Fund
Putnam Income Fund	Putnam VT International Equity Fund
Putnam International Capital Opportunities Fund	Putnam VT International Value Fund
Putnam International Equity Fund	Putnam VT Large Cap Growth Fund
Putnam Large Cap Growth Fund	Putnam VT Large Cap Value Fund
Putnam Large Cap Value Fund	Putnam VT Mortgage Securities Fund
Putnam Money Market Fund	Putnam VT Research Fund
Putnam Mortgage Opportunities Fund	Putnam VT Small Cap Growth Fund
Putnam Multi-Asset Income Fund	Putnam VT Small Cap Value Fund
	Putnam VT Sustainable Future Fund
	Putnam VT Sustainable Leaders Fund

On January 1, 2024 (the “Effective Date”), a subsidiary of Franklin Resources, Inc. (“Franklin Resources”) acquired Putnam U.S. Holdings I, LLC (“Putnam Holdings”) in a stock and cash transaction (the “Transaction”). As a result of the Transaction, Putnam Investment Management, LLC (“Putnam Management”), a wholly-owned subsidiary of Putnam

Holdings and the investment manager to the Putnam family of funds (the “Putnam Funds”), Putnam Investments Limited (“PIL”), an indirect, wholly-owned subsidiary of Putnam Holdings and a sub-adviser to certain of the Putnam Funds, and The Putnam Advisory Company, LLC (“PAC”), an indirect, wholly-owned subsidiary of Putnam Holdings and a sub-adviser to certain of the Putnam Funds, became indirect, wholly-owned subsidiaries of Franklin Resources.

Franklin Resources, whose principal executive offices are at One Franklin Parkway, San Mateo, California 94403, is a global investment management organization operating, together with its subsidiaries, as Franklin Templeton. As of November 30, 2023, after giving effect to the Transaction, Franklin Templeton’s asset management operations had aggregate assets under management of approximately \$1.546 trillion. As a result of the Transaction, Putnam Management, PIL, and PAC will be able to draw on the broader investment resources, including portfolio management, investment research, trading expertise and other capabilities, of Franklin Templeton to the benefit of the Putnam Funds.

Under the Investment Company Act of 1940, as amended (the “1940 Act”), the Transaction resulted in the automatic termination of the investment management contract between each Putnam Fund and Putnam Management and any related sub-advisory contracts that were in place for each Putnam Fund before the Transaction. However, Putnam Management and, where applicable, the Putnam Funds’ sub-adviser(s) continue to provide uninterrupted services with respect to the Putnam Funds listed above pursuant to new investment management and sub-advisory contracts that were previously approved by shareholders of each above-listed Putnam Fund at shareholder meetings held in connection with the Transaction. The terms of the new investment management and sub-advisory contracts are substantially similar to those of the previous investment management and sub-advisory contracts.

The Summary Prospectus for each of the Putnam Funds listed above is amended to reflect the foregoing.

Shareholders should retain this Supplement for future reference.

Putnam BioRevolution™ ETF

Investment objective

Putnam BioRevolution™ ETF seeks long term capital appreciation.

Fees and expenses

The following tables describe the fees and expenses you may pay if you buy, hold and sell shares of the fund. **You may pay other fees, such as brokerage commissions and other fees to financial intermediaries, which are not reflected in the tables and examples below.**

Annual fund operating expenses

(expenses you pay each year as a percentage of the value of your investment)

Management fees	Distribution and service (12b-1) fees	Other expenses ⁺	Total annual fund operating expenses
0.70%	0.00%	0.00%	0.70%

+ Restated to reflect current fees.

Example

The following hypothetical example is intended to help you compare the cost of investing in the fund with the cost of investing in other funds. It assumes that you invest \$10,000 in the fund for the time periods indicated and then, except as indicated, redeem all your shares at the end of those periods. It assumes a 5% return on your investment each year and that the fund's operating expenses remain the same. Your actual costs may be higher or lower.

1 year	3 years	5 years	10 years
\$71	\$224	\$389	\$870

Portfolio turnover

The fund pays transaction-related costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher turnover rate may indicate higher transaction costs and may result in higher taxes when the fund's shares are held in a taxable account. These costs, which are not reflected in annual fund operating expenses or the above example, affect fund performance. The fund's portfolio turnover rate for the period September 29, 2022 (commencement of operations) through April 30, 2023 was 46%.

Principal investment strategies

The fund invests mainly in common stocks (growth or value stocks or both) of companies worldwide of any size with a focus on "biology revolution" companies. Biology revolution companies are companies that the fund's investment manager, Putnam Investment Management, LLC ("Putnam Management") believes offer the opportunity to capitalize on a convergence of technological developments in the life sciences sector that change the ability to understand and design biology to scale and include technology-enabling

companies, biotechnology or “synthetic biology companies”, and existing companies that may benefit from the biology revolution in certain cases by reducing operational risks (i.e., providing supply chain redundancy or sourcing of new or rare materials), mitigating environmental risks (i.e., reducing greenhouse gas emissions), and/or fostering consumer demand for the company’s products.

Technology-enabling companies have products that contribute to the research, development, production, diagnosis, and treatment of biology. Examples include instruments like DNA sequencers, mass spectrometers, electron microscopes and PCR technology that have helped enable advances in the fields of genomics, proteomic, and cell research. Putnam Management believes that technology-enabling companies have the potential for increased demand for their products from companies engaged in biological research or development of biological products. “Synthetic biology companies” are companies that manufacture products made from biological materials, including companies that are engaged in redesigning organisms for useful purposes by engineering them to have new abilities to solve problems in medicine, manufacturing, and agriculture. Examples would include companies in the plant-based or alternative meat industries.

Stocks of biology revolution companies are typically, but not always, considered to be growth stocks. Growth stocks are stocks of companies whose revenues, earnings, or cash flows are expected to grow faster than those of similar firms, and whose business growth and other characteristics may lead to an increase in stock price.

Under normal circumstances, the fund invests at least 80% of the fund’s net assets in equity securities of biology revolution companies. This policy is non-fundamental and may be changed only after 60 days’ notice to shareholders. From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors, including the health care, consumer discretionary, consumer staples, biotechnology and materials sectors.

Putnam Management may consider, among other factors, a company’s valuation, financial strength, growth potential, competitive position in its industry, projected future earnings, cash flows and dividends when deciding whether to buy or sell investments. Putnam Management may also consider other factors that it believes will cause the stock price to rise.

The fund is “non-diversified,” which means it may invest a greater percentage of its assets in fewer issuers than a “diversified” fund.

Principal investment risks

- *Risk of Investing in Biology Revolution Companies.* Biology revolution companies face intense competition and potentially rapid product obsolescence. Biology revolution companies may be adversely affected by the loss or impairment of intellectual property rights and other proprietary information or changes in government regulations. The potential for an increased amount of required disclosure or lack of access to proprietary scientific information could negatively impact the performance of these companies. The fund may invest in companies that operate in industries that are likely to be impacted by the biology revolution over time. However, certain of these companies do not currently derive a substantial portion of their current revenues from biology revolution activities and there is no assurance that any company will do so in the future, which may adversely affect the ability of the fund to achieve its investment objective.

- *Fluctuation of NAV and share price risk.* Shares may trade at a larger premium or discount to the fund's net asset value ("NAV") than shares of other ETFs. The NAV of the fund will generally fluctuate with changes in the market value of the fund's holdings. The fund's shares can be bought and sold in the secondary market at market prices. Disruptions to creations and redemptions, the existence of extreme market volatility or potential lack of an active trading market for the fund's shares may result in the fund's shares trading significantly above (at a premium) or below (at a discount) to NAV or to the intraday value of the fund's holdings. In addition, in stressed market conditions or periods of market disruption or volatility, the market for shares may become less liquid in response to deteriorating liquidity in the markets for the fund's underlying portfolio holdings.
- *Trading issues risk.* The fund, which began trading publicly in September 2022, has a limited public trading history. There can be no assurance that an active trading market will develop or be maintained or that the market for fund shares will operate as intended, which could lead to the fund's shares trading at wider spreads and larger premiums and discounts to NAV than other actively managed ETFs. As a result, it may cost investors more to trade fund shares than shares of other ETFs. There is no guarantee that the fund will be able to attract market makers and authorized participants. Market makers and authorized participants are not obligated to make a market in the fund's shares or to submit purchase and redemption orders for creation units. The market prices of the fund's shares are expected to fluctuate, in some cases materially, in response to changes in the fund's NAV, the intraday value of the Fund's holdings and supply and demand for the fund's shares. Putnam Management cannot predict whether the fund's shares will trade above, below or at their NAV or to the intraday value of the fund's holdings. During such periods, investors may incur significant losses if they sell shares.

The securities held by the fund may be traded in markets that close at a different time than the exchange on which the fund's shares are listed. Liquidity in those securities may be reduced after the applicable closing times. Accordingly, during the time when the exchange is open but after the applicable market closing, fixing or settlement times, bid-ask spreads on the exchange and the corresponding premium or discount to the shares' NAV may widen.

- *Large shareholder risk.* Certain accounts or affiliates of Putnam Management, including other funds advised by Putnam Management or third parties, may from time to time own (beneficially or of record) or control a substantial amount of the fund's shares, including through seed capital arrangements. Such shareholders may at times be considered to control the fund. Dispositions of a large number of shares by these shareholders may adversely affect the fund's liquidity and net assets to the extent such transactions are executed directly with the fund in the form of redemptions through an authorized participant, rather than executed in the secondary market. These redemptions may also force the fund to sell securities, which may increase the fund's brokerage costs. To the extent these large shareholders transact in shares of the fund on the secondary market, such transactions may account for a large percentage of the trading volume on the exchange and may, therefore, have a material effect (upward or downward) on the market price of the fund's shares.
- *Authorized participant concentration risk.* Only an authorized participant may engage in creation and redemption transactions directly with the fund. The fund may have a limited number of financial institutions that act as authorized participants, none of

which are obligated to engage in creation and/ or redemption transactions. To the extent that those authorized participants do not engage in creation and redemption orders, there may be a significantly diminished trading market for fund shares or fund shares may trade at a discount (or premium) to NAV and possibly face trading halts and/or de-listing.

- *Cash Transactions Risk.* Unlike certain ETFs, the fund may effect creations and redemptions in cash or partially in cash. Therefore, it may be required to sell portfolio securities and subsequently recognize gains on such sales that the fund might not have recognized if it were to distribute portfolio securities in-kind. As such, investments in the fund's shares may be less tax-efficient than an investment in an ETF that distributes portfolio securities entirely in-kind.
- *Market risk.* The value of investments in the fund's portfolio may fall or fail to rise over extended periods of time for a variety of reasons, including general economic, political or financial market conditions, investor sentiment and market perceptions, government actions, geopolitical events or changes, outbreaks of infectious illnesses or other widespread public health issues, and factors related to a specific issuer, geography, industry or sector. These and other factors may lead to increased volatility and reduced liquidity in the fund's portfolio holdings, may negatively impact the fund's performance, and may exacerbate other risks to which the fund is subject. In March 2023, the shut-down of certain financial institutions raised economic concerns over disruption in the U.S. banking system. There can be no certainty that the actions taken by the U.S. government to strengthen public confidence in the U.S. banking system will be effective in mitigating the effects of financial institution failures on the economy and restoring public confidence in the U.S. banking system.
- *Common stock risk.* Common stock represents an ownership interest in a company. The value of a company's stock may fall or fail to rise as a result of factors directly relating to that company, such as decisions made by its management or lower demand for the company's products or services. A stock's value may also fall because of factors affecting not just the company, but also other companies in the same industry or in a number of different industries, such as increases in production costs. Growth stocks may be more susceptible to earnings disappointments, and value stocks may fail to rebound. These risks are generally greater for small and midsize companies.
- *Foreign investment risk.* The value of international investments traded in foreign currencies may be adversely impacted by fluctuations in exchange rates. International investments, particularly investments in emerging markets, may carry risks associated with potentially less stable economies or governments (such as the risk of seizure by a foreign government, the imposition of currency or other restrictions, or high levels of inflation), and may be or become illiquid.
- *Small and midsize companies risk.* Stocks of small and midsize companies often trade in smaller volumes, and their prices may fluctuate more than stocks of larger companies. Stocks of these companies may therefore be more vulnerable to adverse developments than those of larger companies.
- *Industry or sector concentration risk.* From time to time, the fund may invest a significant portion of its assets in companies in one or more related industries or sectors, including the health care, consumer discretionary, consumer staples, biotechnology and materials sectors which would make the fund more vulnerable to adverse developments affecting those industries or sectors.

- *Non-diversified risk.* As a non-diversified fund, the fund invests in fewer issuers and is more vulnerable than a more broadly diversified fund to fluctuations in the values of the securities it holds. Moreover, the gains and losses on a single investment may have a greater impact on the fund's NAV and may make the fund more volatile than more diversified funds.
- *Management and operational risk.* There is no guarantee that the investment techniques, analyses, or judgments that Putnam Management applies in making investment decisions for the fund will produce the intended outcome or that the investments Putnam Management selects for the fund will perform as well as other securities that were not selected for the fund. Putnam Management, or the fund's other service providers, may experience disruptions or operating errors that could negatively impact the fund. The fund may not achieve its goal, and it is not intended to be a complete investment program.

An investment in the fund is not insured or guaranteed by the Federal Deposit Insurance Corporation or any other government agency. It is important to understand that you can lose money by investing in the fund.

Performance

Performance information will be available after the fund completes a full calendar year of operation.

Your fund's management

Investment advisor

Putnam Investment Management, LLC

Portfolio manager

William Rives

Portfolio Manager, Analyst, portfolio manager of the fund since 2022

Sub-advisor

Putnam Investments Limited*

* Though the investment advisor has retained the services of Putnam Investments Limited (PIL), PIL does not currently manage any assets of the fund.

On May 31, 2023, Franklin Resources, Inc. ("Franklin Resources") and Great-West Lifeco Inc., the parent company of Putnam U.S. Holdings I, LLC ("Putnam Holdings"), announced that they have entered into a definitive agreement for a subsidiary of Franklin Resources to acquire Putnam Holdings in a stock and cash transaction.

As part of this transaction, Putnam Investment Management, LLC ("Putnam Management"), a wholly owned subsidiary of Putnam Holdings and investment manager to the Putnam family of funds (the "Putnam Funds"), including your fund would become an indirect wholly owned subsidiary of Franklin Resources.

The transaction is subject to customary closing conditions, including receipt of applicable regulatory approvals. Subject to such approvals and the satisfaction of these conditions, the transaction is currently expected to be consummated in the fourth quarter of 2023.

Under the Investment Company Act of 1940, as amended, consummation of the transaction will result in the automatic termination of the investment management contract between each Putnam Fund and Putnam Management and any related sub-management and sub-advisory contracts, where applicable. In anticipation of this automatic termination, on June 23, 2023, the Board of Trustees of the Putnam Funds approved a new investment management contract between each Putnam Fund and Putnam Management (and new sub-management and sub-advisory contracts, if applicable), which will be presented to the shareholders of each Putnam Fund for their approval at shareholder meetings currently expected to occur in October 2023. Proxy solicitation materials related to these meetings have been made available to shareholders that held shares of the fund at the close of business on July 24, 2023.

Purchase and sale of fund shares

Shares of the fund are listed and traded on an exchange, and individual fund shares may only be bought and sold in the secondary market through a broker or dealer at market price. These transactions, which do not involve the fund, are made at market prices that may vary throughout the day, rather than at NAV. Shares of the fund may trade at a price greater than the fund's NAV (premium) or less than the fund's NAV (discount). An investor may incur costs attributable to the difference between the highest price a buyer is willing to pay to purchase shares (bid) and the lowest price a seller is willing to accept for shares (ask) when buying or selling fund shares in the secondary market (the "bid-ask spread"). Recent information, including information regarding the fund's NAV, market price, premiums and discounts, and bid-ask spread, is available at putnam.com.

Tax information

The fund's distributions will be taxed as ordinary income or capital gains unless you hold the shares through a tax-advantaged arrangement, in which case you will generally be taxed only upon withdrawal of monies from the arrangement.

Financial intermediary compensation

The fund and its related companies may pay intermediaries, which may include banks, broker/dealers, or financial professionals, for the sale of fund shares and related services. Please bear in mind that these payments may create a conflict of interest by influencing the broker/dealer or other intermediary to recommend the fund over another investment. Ask your advisor or visit your advisor's website for more information.

Information about the Summary Prospectus, Prospectus, and SAI

The summary prospectus, prospectus, and SAI for a fund provide information concerning the fund. The summary prospectus, prospectus, and SAI are updated at least annually and any information provided in a summary prospectus, prospectus, or SAI can be changed without a shareholder vote unless specifically stated otherwise. The summary prospectus, prospectus, and the SAI are not contracts between the fund and its shareholders and do not give rise to any contractual rights or obligations or any shareholder rights other than any rights conferred explicitly by federal or state securities laws that may not be waived.

Additional information, including current performance, is available at putnam.com/funddocuments, or by calling 1-833-228-5577.

