

GAMCO INTERNATIONAL GROWTH, INC.

Supplement dated May 31, 2018

to

GAMCO International Growth Fund, Inc.'s Summary Prospectus dated April 30, 2018

This supplement amends certain information in the Summary Prospectus (the "Summary Prospectus") dated April 30, 2018, of GAMCO International Growth Fund, Inc. (the "Fund"). Unless otherwise indicated, all other information included in the Summary Prospectus, or any previous supplements thereto, remains unchanged. Capitalized terms have the same meaning as in the Summary Prospectus.

Effective June 1, 2018, Gabelli Funds, LLC, the Adviser, has agreed to amend its contractual agreement with respect to Class AAA shares of the Fund and to waive its investment advisory fees and/or to reimburse expenses of the Fund to the extent necessary to maintain the Total Annual Fund Operating Expenses After Fee Waiver and Expense Reimbursement (excluding brokerage costs, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) at no more than an annual rate of 1.25% for Class AAA shares. This arrangement is in effect through April 30, 2019, and may be terminated only by the Board of Directors of the Fund before such time. There are no changes to the terms of the contractual agreement with respect to the Fund's Class I shares.

Under this same arrangement, the Fund has agreed, during the three year period following the year of any such waiver or reimbursement by the Adviser, to repay such amount, but only to the extent the Fund's adjusted Total Annual Fund Operating Expenses would not exceed an annual rate of 1.25% for Class AAA shares after giving effect to the repayments.

Revised Fees and Expenses Table

To reflect the changes in the contractual fee and expense waivers, the section “Fees and Expenses” in the Fund’s Summary Prospectus is modified as follows:

Fees and Expenses of the Fund:

This table describes the fees and expenses that you may pay if you buy and hold shares of the Fund. You may qualify for sales charge discounts if you and your family invest, or agree to invest in the future, at least \$50,000 in Class A shares of the Fund. More information about these and other discounts is available from your financial professional and in the section entitled, “Classes of Shares” on page 11 of the prospectus and in Appendix A, “Sales Charge Reductions and Waivers Available through Certain Intermediaries,” attached to the Fund’s prospectus.

	<u>Class AAA Shares</u>	<u>Class A Shares</u>	<u>Class C Shares</u>	<u>Class I Shares</u>
Shareholder Fees				
(fees paid directly from your investment):				
Maximum Sales Charge (Load) Imposed on Purchases (as a percentage of offering price)	None	5.75%	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of redemption price)	None	None	1.00%	None
Maximum Sales Charge (Load) Imposed on Reinvested Dividends (as a percentage of amount invested)	None	None	None	None
Redemption Fee (as a percentage of amount redeemed for shares held 7 days or less)	2.00%	2.00%	2.00%	2.00%
Exchange Fee	None	None	None	None
Annual Fund Operating Expenses				
(expenses that you pay each year as a percentage of the value of your investment):				
Management Fees	1.00%	1.00%	1.00%	1.00%
Distribution and Service (Rule 12b-1) Fees	0.25%	0.25%	1.00%	None
Other Expenses	0.89%	0.89%	0.89%	0.89%
Total Annual Fund Operating Expenses	2.14%	2.14%	2.89%	1.89%
Fee Waiver and/or Expense Reimbursement	(0.89)%	None	None	(0.89)%
Total Annual Fund Operating Expenses After Fee Waiver and Expense Reimbursement ⁽¹⁾	<u>1.25%</u>	<u>2.14%</u>	<u>2.89%</u>	<u>1.00%</u>

- (1) Gabelli, LLC, the Fund’s Adviser, has contractually agreed to waive its investment advisory fees and/or to reimburse expenses of the Fund to the extent necessary to maintain the Total Annual Fund Operating Expenses After Fee Waiver and Expense Reimbursement (excluding brokerage costs, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) at no more than an annual rate of 1.25% and 1.00% for Class AAA and Class I shares, respectively. This arrangement is in effect through April 30, 2019, and may be terminated only by the Board of Directors of the Fund before such time. The Fund will carry forward, for a period not to exceed three years from the date that an amount is waived, any fees in excess of the expense limitation and repay the Adviser such amount provided the Global Growth Fund is able to do so without exceeding the lesser of (1) the expense limit in effect at the time of the waiver or reimbursement, as applicable, or (2) the expense limit in effect at the time of recoupment.

Expense Example

This example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

The example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The example also assumes that your investment has a 5% return each year and that the Fund's operating expenses remain the same. Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	<u>1 Year</u>	<u>3 Years</u>	<u>5 Years</u>	<u>10 Years</u>
Class AAA Shares	\$ 127	\$ 584	\$1,068	\$ 2,402
Class A Shares	\$ 780	\$1,206	\$1,658	\$ 2,905
Class C Shares	\$ 392	\$ 895	\$1,523	\$ 3,214
Class I Shares	\$ 102	\$ 507	\$ 938	\$ 2,139

You would pay the following expenses if you did not redeem your shares of the Fund:

	<u>1 Year</u>	<u>3 Years</u>	<u>5 Years</u>	<u>10 Years</u>
Class AAA Shares	\$ 127	\$ 584	\$1,068	\$ 2,402
Class A Shares	\$ 780	\$1,206	\$1,658	\$ 2,905
Class C Shares	\$ 292	\$ 895	\$1,523	\$ 3,214
Class I Shares	\$ 102	\$ 507	\$ 938	\$ 2,139

SHAREHOLDERS SHOULD RETAIN THIS SUPPLEMENT FOR FUTURE REFERENCE

GAMCO International Growth Fund, Inc.

SUMMARY PROSPECTUS *April 30, 2018*

Class AAA (GIGRX), A (GAIGX), C (GCIGX), I (GIIGX)

Before you invest, you may want to review the Fund's Prospectus and Statement of Additional Information ("SAI"), which contain more information about the Fund and its risks. You can find the Fund's Prospectus and SAI and other information about the Fund online at www.gabelli.com. You can also get this information at no cost by calling 800-422-3554 or by sending an email request to info@gabelli.com. The Fund's Prospectus and SAI, both dated April 30, 2018, are incorporated by reference into this Summary Prospectus.

Investment Objective

The GAMCO International Growth Fund, Inc. (the "Fund") seeks to provide investors with long term capital appreciation.

Fees and Expenses of the Fund:

This table describes the fees and expenses that you may pay if you buy and hold shares of the Fund. You may qualify for sales charge discounts if you and your family invest, or agree to invest in the future, at least \$50,000 in Class A shares of the Fund. More information about these and other discounts is available from your financial professional and in the section entitled, "Classes of Shares" on page 11 of the prospectus and in Appendix A, "Sales Charge Reductions and Waivers Available through Certain Intermediaries," attached to the Fund's prospectus.

	<u>Class AAA Shares</u>	<u>Class A Shares</u>	<u>Class C Shares</u>	<u>Class I Shares</u>
Shareholder Fees				
(fees paid directly from your investment):				
Maximum Sales Charge (Load) on Purchases (as a percentage of offering price)	None	5.75%	None	None
Maximum Deferred Sales Charge (Load) (as a percentage of redemption or offering price, whichever is lower)	None	None	1.00%	None
Maximum Sales Charge (Load) Imposed on Reinvested Dividends (as a percentage of amount invested)	None	None	None	None
Redemption Fee (as a percentage of amount redeemed for shares held 7 days or less) . . .	2.00%	2.00%	2.00%	2.00%
Exchange Fee	None	None	None	None
Annual Fund Operating Expenses				
(expenses that you pay each year as a percentage of the value of your investment):				
Management Fees	1.00%	1.00%	1.00%	1.00%
Distribution and Service (Rule 12b-1) Fees	0.25%	0.25%	1.00%	None
Other Expenses	0.89%	0.89%	0.89%	0.89%
Total Annual Fund Operating Expenses	2.14%	2.14%	2.89%	1.89%
Less Fee Waiver and/or Expense Reimbursement	None	None	None	(0.89)% ⁽¹⁾
Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement	<u>2.14%</u>	<u>2.14%</u>	<u>2.89%</u>	<u>1.00%</u> ⁽¹⁾

(1) Gabelli Funds, LLC, the Fund's Adviser, has contractually agreed to waive all or a portion of its investment advisory fee and/or to reimburse certain expenses of the Fund to the extent necessary to maintain the Total Annual Fund Operating Expenses After Fee Waiver and/or Expense Reimbursement (excluding brokerage, acquired fund fees and expenses, interest, taxes, and extraordinary expenses) for Class I shares at no more than 1.00%. The fee waiver and expense reimbursement arrangement will continue until at least April 30, 2019, and may not be terminated by the Adviser before such date. The Fund will carry forward, for a period not to exceed three years from the date that an amount is waived, any fees in excess of the expense limitation and repay the Adviser such amount provided the Fund is able to do so without exceeding the lesser of (1) the expense limit in effect at the time of the waiver or reimbursement, as applicable, or (2) the expense limit in effect at the time of recoupment.

Expense Example

This example is intended to help you compare the cost of investing in the Fund with the cost of investing in other mutual funds.

The example assumes that you invest \$10,000 in the Fund for the time periods indicated and then redeem all of your shares at the end of those periods. The example also assumes that your investment has a 5% return each year and the Fund's operating expenses remain the same (taking into account the expense limitation agreement until April 30, 2019 with respect to Class I shares). Although your actual costs may be higher or lower, based on these assumptions your costs would be:

	<u>1 Year</u>	<u>3 Years</u>	<u>5 Years</u>	<u>10 Years</u>
Class AAA Shares	\$217	\$ 670	\$1,149	\$2,472
Class A Shares	\$780	\$1,206	\$1,658	\$2,905
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Portfolio Turnover

The Fund pays transaction costs, such as commissions, when it buys and sells securities (or "turns over" its portfolio). A higher portfolio turnover rate may indicate higher transaction costs and may result in higher taxes when Fund shares are held in a taxable account. These costs, which are not reflected in the annual fund operating expenses or in the example, affect the Fund's performance. During the most recent fiscal year, the Fund's portfolio turnover rate was 4% of the average value of its portfolio.

Principal Investment Strategies

Under normal circumstances, the Fund invests at least 65% of its total assets in equity securities of foreign issuers located in at least three countries outside the United States that Gabelli Funds, LLC (the "Adviser") believes are likely to have rapid growth in revenues and earnings and potential for above-average capital appreciation. Equity securities include common and preferred stocks, securities convertible into common stocks and securities such as rights and warrants that have common stock characteristics. The Fund seeks to invest in companies that have the potential to grow faster than other companies in their respective equity markets and are priced at attractive valuation levels.

The Fund intends to diversify its investments across different countries. The percentage of Fund assets invested in particular countries or regions will change from time to time based on the Adviser's judgment. The Fund intends to invest in the securities of companies located in developed countries and, to a lesser extent, those located in emerging markets.

The Adviser may sell a holding if its fundamentals deteriorate or change in a way, as determined by the Adviser, that the investment case for the holding is no longer appropriate for the Fund.

Principal Risks

You may want to invest in the Fund if:

- you are a long term investor
- you seek growth of capital
- you seek to diversify domestic investments with investments in foreign securities

The Fund's share price will fluctuate with changes in the market value of the Fund's portfolio securities. Your investment in the Fund is not guaranteed; you may lose money by investing in the Fund. When you sell Fund shares, they may be worth more or less than what you paid for them.

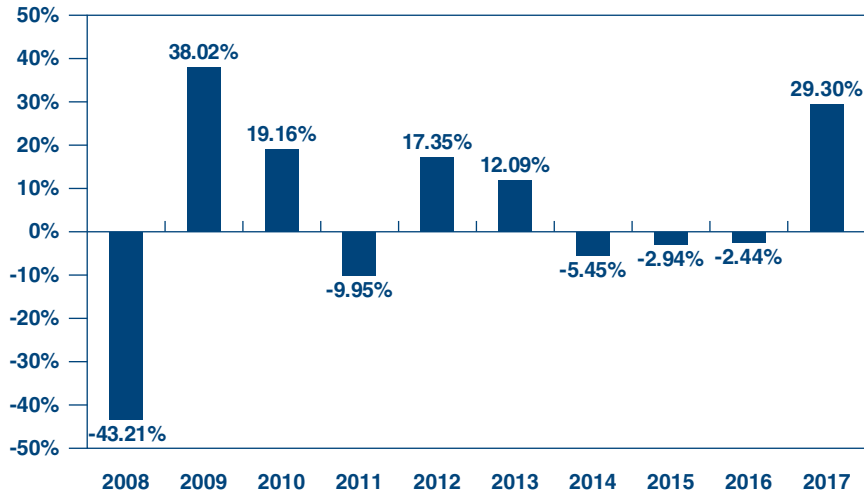
The principal risks presented by the Fund are:

- **Convertible Securities Risk.** Convertible securities provide higher yields than the underlying common stock, but generally offer lower yields than nonconvertible securities of similar quality. The value of convertible securities fluctuates in relation to changes in interest rates and, in addition, fluctuates in relation to the underlying common stock.
- **Equity Market Risk.** The price of equity securities may rise or fall because of changes in the broad market or changes in a company's financial condition, sometimes rapidly or unpredictably. These price movements may result from factors affecting individual companies, sectors or industries selected for the Fund's portfolio or the securities market as a whole, such as changes in economic or political conditions. When the value of the Fund's securities goes down, your investment in the Fund decreases in value.
- **Foreign Securities Risk.** Investments in foreign securities involve risks relating to political, social, and economic developments abroad, as well as risks resulting from the differences between the regulations to which U.S. and foreign issuers and markets are subject. These risks include expropriation, differing accounting and disclosure standards, currency exchange risks, settlement difficulties, market illiquidity, difficulties enforcing legal rights, and greater transaction costs. These risks are more pronounced in the securities of companies located in emerging markets.
- **Issuer-Specific Risk.** The value of an individual security or particular type of security can be more volatile than the market as a whole and can perform differently from the market as a whole. The Fund could lose all of its investment in a company's securities.
- **Large-Capitalization Risk.** Larger, more established companies may be unable to respond quickly to new competitive challenges such as changes in technology and consumer tastes. Many larger companies also may not be able to attain the high growth rate of successful smaller companies, especially during extended periods of economic expansion.
- **Management Risk.** If the portfolio manager is incorrect in his assessment of the growth prospects of the securities the Fund holds, then the value of the Fund's shares may decline.
- **Market Risk.** The risk that the securities markets will move down, sometimes rapidly and unpredictably based on overall economic conditions and other factors.
- **Sector Risk.** Although the Fund does not employ a sector focus, its exposure, from time to time, to specific sectors will increase based on the Adviser's perception of available investment opportunities. If the Fund focuses on a particular sector, the Fund may face an increased risk that the value of its portfolio will decrease because of events disproportionately affecting that sector. Furthermore, investments in particular sectors may be more volatile than the broader market as a whole.

Performance

The bar chart and table that follow provide an indication of the risks of investing in the Fund by showing changes in the Fund's performance from year to year, and by showing how the Fund's average annual returns for one year, five years, and ten years compared with those of a broad based securities market index and an additional style specific index. As with all mutual funds, the Fund's past performance (before and after taxes) does not predict how the Fund will perform in the future. Updated information on the Fund's results can be obtained by visiting www.gabelli.com.

GAMCO INTERNATIONAL GROWTH FUND, INC. (Total Returns for Class AAA Shares for the Years Ended December 31)



During the calendar years shown in the bar chart, the highest return for a quarter was 21.20% (quarter ended June 30, 2009) and the lowest return for a quarter was (23.60)% (quarter ended September 30, 2008).

Average Annual Total Returns (for the years ended December 31, 2017, with maximum sales charge, if applicable)

	Past One Year	Past Five Years	Past Ten Years
GAMCO International Growth Fund, Inc.			
Class AAA Shares			
Return Before Taxes	29.30%	5.35%	2.51%
Return After Taxes on Distributions	28.05%	4.74%	2.01%
Return After Taxes on Distributions and Sale of Fund Shares	17.88%	4.24%	2.08%
Class A Shares			
Return Before Taxes	21.89%	4.12%	1.95%
Class C Shares			
Return Before Taxes	27.38%	4.57%	1.75%
Class I Shares (first issued on 1/11/08)			
Return Before Taxes	30.78%	6.24%	3.08%
Morgan Stanley Capital International ("MSCI") Europe, Australia, and the Far East ("EAFE")			
Index (reflects no deduction for fees, expenses, or taxes)	25.03%	7.90%	1.94%
Lipper International Multi-Cap Growth Fund Classification			
	29.81%	7.88%	2.14%

The returns shown for Class I shares prior to their first issuance date are those of the Class AAA shares of the Fund. All classes of the Fund would have substantially similar annual returns because the shares are invested in the same portfolio of securities and the annual returns would differ only to the extent that the classes do not have the same expenses.

After-tax returns are calculated using the historical highest individual federal marginal income tax rates and do not reflect the impact of state and local taxes. In some instances, the "Return After Taxes on Distributions and Sale of Fund Shares" may be greater than "Return Before Taxes" because the investor is assumed to be able to use the capital loss from the sale of Fund shares to offset other taxable gains. Actual after-tax returns depend on the investor's tax situation and may differ from those shown. After-tax returns shown are not relevant to investors who

hold their Fund shares through tax deferred arrangements, such as 401(k) plans or individual retirement accounts, including Roth IRAs and SEP IRAs (collectively, "IRAs"). After-tax returns are shown only for Class AAA shares. After-tax returns for other classes will vary due to the differences in expenses.

Management

The Adviser. Gabelli Funds, LLC

The Portfolio Manager. Mr. Caesar M.P. Bryan, Senior Vice President of GAMCO Investors, Inc., has served as portfolio manager of the Fund since its inception in 1995.

Purchase and Sale of Fund Shares

The minimum initial investment for Class AAA, Class A, and Class C shares is \$1,000 (\$250 for IRAs or Coverdell Education Savings Plans). There is no minimum initial investment for Class AAA, Class A, and Class C shares in an automatic monthly investment plan. Class I shares are available to investors with a minimum investment of at least \$500,000 and purchasing the shares directly through G.distributors, LLC, the Fund's distributor ("G.distributors" or the "Distributor"), or investors purchasing Class I shares through brokers or financial intermediaries that have entered into selling agreements with the Distributor specifically with respect to Class I shares. The Distributor reserves the right to waive or change minimum investment amounts. There is no minimum for subsequent investments.

You can purchase or redeem shares of the Fund on any day the New York Stock Exchange ("NYSE") is open for trading (a "Business Day"). You may purchase or redeem Fund shares by written request via mail (The Gabelli Funds, P.O. Box 8308, Boston, MA 02266-8308), personal or overnight delivery (The Gabelli Funds, c/o DST Asset Manager Solutions, Inc., 30 Dan Road, Canton, MA 02021-2809), Internet, bank wire, or Automated Clearing House ("ACH") system. You may also purchase or redeem Fund shares by telephone at 800-GABELLI (800-422-3554), if you have an existing account with banking instructions on file.

Fund shares can also be purchased or sold through registered broker-dealers or financial intermediaries that have entered into appropriate selling agreements with the Distributor. The broker-dealer or other financial intermediary will transmit these transaction orders to the Fund on your behalf and send you confirmation of your transactions and periodic account statements showing your investments in the Fund.

Tax Information

The Fund expects that distributions will generally be taxable as ordinary income or long term capital gains, unless you are investing through a tax deferred arrangement, such as a 401(k) plan or an IRA.

Payments to Broker-Dealers and Other Financial Intermediaries

If you purchase shares of the Fund through a broker-dealer or other financial intermediary (such as a bank), the Fund and its related companies may pay the intermediary for the sale of Fund shares and related services. These payments may create a conflict of interest by influencing the broker-dealer or other intermediary and your salesperson to recommend the Fund over another investment. Ask your salesperson or visit your financial intermediary's website for more information.

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