
**UNITED STATES
SECURITIES AND EXCHANGE COMMISSION**
Washington, D.C. 20549

SCHEDULE 13D

Under the Securities Exchange Act of 1934

Xenetic Biosciences, Inc.

(Name of Issuer)

COMMON STOCK, \$0.001 PER SHARE PAR VALUE
(Title of Class of Securities)

984015 206
(CUSIP Number)

Neal Aizenstein, Esq.
DLA Piper LLP (US)
444 West Lake Street, Suite 900, Chicago, Illinois 60606-0089
(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 1, 2016
(Date of Event Which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of Rule 13d-1(e), Rule 13d-1(f) or Rule 13d-1(g), check the following box.

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter the disclosures provided in a prior cover page.

The information required in the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, *see* the Notes).

1.	Names of Reporting Persons: PJSC Pharmsynthez	
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC Use Only:	
4.	Source of Funds (See Instruction): OO, WC (see item 6)	
5.	Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>	
6.	Citizenship or Place of Organization: Russia	
Number of Shares Beneficially by Owned by Each Reporting Person with:	7.	Sole Voting Power: 7,059,646 SHARES
	8.	Shared Voting Power: 821,565 SHARES
	9.	Sole Dispositive Power: 7,059,646 SHARES
	10.	Shared Dispositive Power: 821,565 SHARES
11.	Aggregate Amount Beneficially Owned by Each Reporting Person: 7,881,211 SHARES¹ The total beneficial ownership consists of 5,366,053 shares of common stock owned directly and indirectly through Pharmsynthez's wholly-owned subsidiary SynBio, including 145,455 held in escrow, 1,454,545 shares issuable upon conversion of Series B Preferred Stock and 1,060,613 shares issuable upon exercise of warrants that are exercisable within 60 days of July 12, 2017.	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (See Instructions): <input checked="" type="checkbox"/> ²	
13.	Percent of Class Represented by Amount in Row (11): 70.2%	
14.	Type of Reporting Person (See Instructions): CO	

¹ The Group is deemed to beneficially own an aggregate of 7,936,771 Shares, or 70.4% of the outstanding Shares.

² Excludes (a) 970,000 shares of Series A Preferred Stock owned by Pharmsynthez's subsidiary, LLC SynBio, which are convertible into common stock upon 61 days prior notice and (b) 1,454,545 Class B Warrants owned by Pharmsynthez which may not be exercisable within 60 days of July 12, 2017.

1.	Names of Reporting Persons: LLC SynBio	
2.	Check the Appropriate Box if a Member of a Group (<i>See Instructions</i>) (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC Use Only:	
4.	Source of Funds (<i>See Instruction</i>): OO, WC (See item 6)	
5.	Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>	
6.	Citizenship or Place of Organization: Russia	
Number of Shares Beneficially by Owned by Each Reporting Person with:	7.	Sole Voting Power: 0 SHARES
	8.	Shared Voting Power: 821,565 SHARES
	9.	Sole Dispositive Power: 0 SHARES
	10.	Shared Dispositive Power: 821,565 SHARES
11.	Aggregate Amount Beneficially Owned by Each Reporting Person: 821,565 SHARES³	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (<i>See Instructions</i>): <input checked="" type="checkbox"/> ⁴	
13.	Percent of Class Represented by Amount in Row (11): 9.4 %	
14.	Type of Reporting Person (<i>See Instructions</i>): CO	

³ The Group is deemed to beneficially own an aggregate of 7,936,771 Shares, or 70.4% of the outstanding Shares.

⁴ Excludes 970,000 shares of Series A Preferred Stock which are convertible into common stock upon 61 days prior notice and warrants to acquire 204,394 shares of common stock.

1.	Names of Reporting Persons: Dmitry Genkin	
2.	Check the Appropriate Box if a Member of a Group (<i>See Instructions</i>) (a) <input checked="" type="checkbox"/> (b) <input type="checkbox"/>	
3.	SEC Use Only:	
4.	Source of Funds (<i>See Instruction</i>): OO (see item 6)	
5.	Check if Disclosure of Legal Proceedings is Required Pursuant to Items 2(d) or 2(e): <input type="checkbox"/>	
6.	Citizenship or Place of Organization: Russia	
Number of Shares Beneficially by Owned by Each Reporting Person with:	7.	Sole Voting Power: 55,557 SHARES
	8.	Shared Voting Power: SHARES
	9.	Sole Dispositive Power: 55,557 SHARES
	10.	Shared Dispositive Power:
11.	Aggregate Amount Beneficially Owned by Each Reporting Person: 55,557 SHARES⁵ The total beneficial ownership consists of 25,253 shares of common stock issuable upon exercise of stock options that are exercisable within 60 days of July 12, 2017 and 30,304 shares of common stock issuable upon exercise of warrants that are exercisable within 60 days of July 12, 2017.	
12.	Check if the Aggregate Amount in Row (11) Excludes Certain Shares (<i>See Instructions</i>): <input type="checkbox"/>	
13.	Percent of Class Represented by Amount in Row (11): 0.6 %	
14.	Type of Reporting Person (<i>See Instructions</i>): IN	

⁵ The Group is deemed to beneficially own an aggregate of 7,936,771 Shares, or 70.4% of the outstanding Shares.

ITEM 1. SECURITY AND ISSUER.

This Statement on Schedule 13D relates to the common stock, par value \$0.001 per share (the “**Shares**”), of Xenetic Biosciences, Inc. a Nevada Corporation (the “**Issuer**”), and is being filed by PJSC Pharmsynthez, LLC SynBio and Dmitry Genkin (the “**Reporting Persons**”). The Issuer’s current principal executive offices are located at 99 Hayden Ave, Suite 230, Lexington, MA 02421.

ITEM 2. IDENTITY AND BACKGROUND

The persons filing this statement and the persons enumerated in Instruction C of Schedule 13D and, where applicable, their respective places of organization, general partners, directors, executive officers and controlling persons, and the information regarding them, are as follows:

- (a) PJSC Pharmsynthez
LLC SynBio
Dmitry Genkin
(collectively, the “**Reporting Persons**”)

- (b) The business addresses of the Reporting Persons are:

The business address of PJSC Pharmsynthez, LLC SynBio and Dmitry Genkin is 25 liter “**Ж**” Krasnovo Kursanta St., St. Petersburg, 197 110, Russia.

- (c) Present principal occupation or employment of the Reporting Persons and the name, principal business and address of any corporation or other organization in which such employment is conducted:

Pharmsynthez is an innovative pharmaceutical company developing new medications, technologies of drugs for organ-specific delivery and innovative methods of manufacture of pharmaceutical ingredients. The address of Pharmsynthez’s principal business and principal office is 25 liter “**Ж**” Krasnovo Kursanta St., St. Petersburg, 197 110, Russia.

SynBio brings together Russian and international technology and know-how for the purpose of creating innovative new medicines. The address of SynBio’s principal business and principal office is 55/1 bild 2, Leninskii prosp., Moscow, Russia. SynBio was acquired by Pharmsynthez in 2017.

Dmitry Genkin is principally employed as Chairman of Pharmsynthez. His business address is 25 liter “**Ж**” Krasnovo Kursanta St., St. Petersburg, 197 110, Russia.

Exhibit C hereto, which is incorporated herein by reference, sets forth the name, business address, present principal occupation or employment (and the name, principal business and address of any corporation or other organization in which such employment is conducted) and the citizenship of the directors, executive officers and control persons of Pharmsynthez and SynBio.

- (d) During the last five years, none of the Reporting Persons and, to the best knowledge of the Reporting Persons, none of the Persons listed on Exhibit C hereto, has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors).
- (e) During the last five years, none of the Reporting Persons and, to the best knowledge of the Reporting Persons, none of the Persons listed on Exhibit C hereto, was a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.
- (f) For citizenship of the Reporting Persons, see Item 4 of the cover sheet for each Reporting Person.

ITEM 3. SOURCE AND AMOUNT OF FUNDS OR OTHER CONSIDERATION.

The Shares to which this statement relates were acquired pursuant to transactions with the Issuer. Refer to Item 6 below for a description of these transactions.

ITEM 4. PURPOSE OF TRANSACTION

The Reporting Persons intend to evaluate their investment in the Issuer on a continual basis. The Reporting Persons may discuss the prospects and affairs of the Issuer, and the status of the Reporting Person's investment in the Issuer at any time and from time to time, with the board of directors of the Issuer or any of the Issuer's subsidiaries or the executive officers of the Issuer or the Issuer's subsidiaries. The Reporting Persons may discuss ideas that, if effected, could result in a corporate transaction involving the Issuer, changes in the board of directors or management of the Issuer or other matters. In this regard, Pharmsynthez intends to discuss with the board of directors of the Issuer the composition of the board of directors and management of the Issuer.

Except as provided above, the Reporting Person does not have any current plans or proposals which would relate to or would result in:

- (a) the acquisition by any person of additional securities of the Issuer, or the disposition of securities of the Issuer;
- (b) any extraordinary corporate transaction, such as a merger, reorganization or liquidation, involving the Issuer or any of its subsidiaries;
- (c) a sale or transfer of a material amount of the assets of the Issuer or any of its subsidiaries;
- (d) any change in the present board of directors or management of the Issuer, including any plans or proposals to change the number or term of directors or to fill any existing vacancies on the board;
- (e) any material change in the present capitalization or dividend policy of the Issuer;
- (f) any other material change in the Issuer's business or corporate structure including, but not limited to, if the Issuer is a registered closed-end investment company, any plans or proposals to make any changes in its investment policy for which a vote is required by Section 13 of the Investment Company Act of 1940;
- (g) changes in the Issuer's charter, bylaws or instruments corresponding thereto or other actions which may impede acquisition of control of the Issuer by any person;
- (h) causing a class of securities of the Issuer to be delisted from a national securities exchange or to cease to be authorized to be quoted in an inter-dealer quotation system of a registered national securities association;
- (i) a class of equity securities of the Issuer becoming eligible for termination of registration pursuant to Section 12(g)(4) of the Act;
or
- (j) any action similar to any of those enumerated above.

ITEM 5. INTEREST IN SECURITIES OF THE ISSUER.

The beneficial ownership of the Shares by each Reporting Person at the date hereof is reflected on that Reporting Person's cover page. Certain determinations of beneficial ownership with respect to shares of preferred stock of the Issuer and warrants with performance vesting are based on publicly available information and the Reporting Persons reserve all rights under the underlying preferred stock and warrants with respect to the exercise thereof and otherwise.

Pursuant to Rule 13d-4 of the Exchange Act, to the extent permitted by law, each of the Reporting Persons expressly declares that that filing of this Schedule 13D (and any amendment thereto) shall not be construed as an admission

that any such person is, for the purposes of Section 13(d) and/or Section 13(g) of the Exchange Act or otherwise, (i) the beneficial owner of any Shares held by any other person, or (ii) the beneficial owner of any Shares held or beneficially owned by any member of the Group other than the Reporting Person.

The filing of this Schedule 13D (and any amendment thereto) by each of the Reporting Persons shall not, to the extent permitted by law, be considered an admission that such Reporting Person, for the purposes of Section 13(d) of the Exchange Act, is the beneficial owner of Shares in which such Reporting Person does not have a pecuniary interest.

SynBio is a wholly-owned subsidiary of PharmSynthex. PharmSynthex may be deemed to have shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition) of the Shares owned by SynBio and therefore, PharmSynthex may be deemed to be the beneficial owner of such Shares.

Mr. Genkin, by virtue of his position with PharmSynthex, may be deemed to have the shared power to vote or direct the vote of (and the shared power to dispose or direct the disposition of) the Shares beneficially owned by PharmSynthex and therefore, each may be deemed to be the beneficial owner of such Shares. Mr. Genkin disclaims beneficial ownership of such Shares.

ITEM 6. CONTRACTS, ARRANGEMENTS, UNDERSTANDINGS OR RELATIONSHIPS WITH RESPECT TO SECURITIES OF THE ISSUER.

Other than as described in this Schedule 13D, the Reporting Persons have no contracts, arrangements, understandings or relationships with any other person with respect to any securities of the Issuer.

PJSC PharmSynthex

In November 2009, the Issuer entered into a collaborative research and development license agreement with PharmSynthex (the “**PharmSynthex Arrangement**”) pursuant to which the Issuer granted an exclusive license to PharmSynthex to develop, commercialize and market six drug candidates based on the Issuer’s PolyXen and ImuXen technology in certain territories. In exchange, PharmSynthex granted the Issuer an exclusive license to use any pre-clinical and clinical data developed by PharmSynthex, within the scope of the PharmSynthex Arrangement, and to engage in further research, development and commercialization of drug candidates outside of certain territories at the Issuer’s own expense.

In July 2015, the Issuer entered into a Securities Purchase Agreement with PharmSynthex providing for the issuance of \$3.0 million of convertible promissory note and warrants to purchase an aggregate of 606,062 Shares. These warrants have a five year term and are exercisable at the lesser of \$6.60 per share and 120% of the price per share in the Issuer’s next capital sale of at least \$7 million (the “**Exercise Price**”).

In November 2015, the Issuer entered into an Asset Purchase Agreement (the “**APA**”) with PharmSynthex. The APA provided for the transfer to the Issuer of certain intellectual property rights with respect to the immunomodulatory drug candidate XBIO-101. In April 2016, the Issuer completed the purchase of the intellectual property rights associated with the APA and issued 3,045,455 Shares pursuant to the APA.

The APA also provided for the Issuer’s issuance of certain convertible promissory notes and warrants to purchase Shares. During the quarter ended March 31, 2016, the Issuer issued \$3.5 million of convertible promissory notes to PharmSynthex receiving \$3.5 million in cash proceeds. In April 2016, PharmSynthex converted all of its convertible promissory notes (both the July 2015 note and the Q1 2016 notes) and associated interest into 1,373,036 Shares. As such, the Issuer issued to PharmSynthex 1,373,036 Shares in connection with conversion of the convertible notes, which amount, together with the 3,045,455 Shares in connection with the closing of the APA, resulted in an aggregate of 4,418,491 new Shares being issued to PharmSynthex.

In connection with the Issuer’s issuance of the convertible promissory notes in March 2016, the Issuer issued to PharmSynthex warrants to purchase 353,540 Shares at the Exercise Price.

During the quarter ended September 30, 2016, the Issuer issued \$1.0 million of convertible promissory notes to Pharmsynthez, receiving \$1.0 million in cash proceeds of which \$0.5 million of the notes was applied toward the Issuer's November 2016 offering. In connection with the Issuer's issue of the convertible promissory warrants, the Issuer issued to Pharmsynthez warrants to purchase 50,505 Shares at the Exercise Price.

On November 1, 2016, Pharmsynthez purchased 1,454,545 Shares of Convertible Series B Preferred Stock [and 1,454,545 Class B Warrants with an exercise price of \$4.00 per share in the Issuer's initial public offering for \$6.0 million.

LLC SynBio

In August 2011, the Issuer entered into a Co-Development Agreement with SynBio, which is still in effect, pursuant to which the Issuer granted an exclusive license to SynBio to develop pharmaceutical products within Russia and the CIS using certain molecule(s) based on SynBio's technology and the Issuer's proprietary technologies: PolyXen, OncoHist and ImuXen. In return, SynBio granted the Issuer an exclusive license to use the pre-clinical and clinical data generated by SynBio in certain agreed upon products and engage in the development of commercial drug candidates.

The Co-Development Agreement provides for the sale of certain research supplies between each party to the agreement. For the years ended December 31, 2016 and 2015, the Issuer did not recognize any supply service revenues from sales to SynBio about the Co-Development Agreement.

Concurrent with entering into the Co-Development Agreement, the Issuer entered into a stock subscription agreement with SynBio pursuant to which the Issuer sold SynBio approximately 1.8 million Shares.

In furtherance of the Issuer's co-development clinical objectives, on December 31, 2014 the Issuer granted SynBio a warrant to purchase 204,394 Shares that contain vesting triggers based on the achievement by SynBio of certain clinical development objectives within specific timeframes with an exercise price of \$25.41 per share (the "**SynBio 2014 Warrant**"). The SynBio 2014 Warrant expires on December 30, 2019.

On September 23, 2016, SynBio exchanged 970,000 Shares for an equal number of Shares of Series A Preferred Stock.

Effective October 26, 2016, the Issuer entered into a voting agreement with SynBio whereby SynBio agreed to vote their Shares in the same proportion as the Shares held by non-affiliates on all matters subject to stockholder approval for a period of one year. A copy of this voting agreement is attached hereto as Exhibit B.

In May 2011, the Issuer received a short-term unsecured loan facility of up to \$1.7 million from SynBio, of which \$0 was outstanding as of December 31, 2016. In connection with the APA, the Issuer made a series of payments during 2016 totaling \$323,640 to creditors. Pursuant to the APA such payments are considered direct offsets to the loan with SynBio. The loan had an interest rate of 8.04% per annum as of the date of grant, with interest payable upon repayment of the loan, which was to be seven months after the closing date of the loan. In December 2016, the Issuer entered into an agreement with SynBio and Pharmsynthez, which settled all amounts owed by the Issuer on the SynBio loan; for services provided to the Issuer in connection with the XBIO-101 Phase 2 project; and the purchase of drug candidate supply sufficient to meet the needs of the XBIO-101 Phase 2 clinical trial. Pursuant to the agreement, the Issuer transferred \$620,387 to the counterparties. The Issuer repaid the remainder of the loan facility with proceeds from the Issuer's November 1, 2016 offering.

Dmitry Genkin

Dmitry Genkin served as a non-employee director of the Issuer from September 2015 until May 2016 and received stock options to purchase an aggregate of 37,879 Shares with an exercise price of \$4.59 per share which vest equally over a three year period (25,253 of which are exercisable within 60 days of July 12, 2017). In addition, Mr. Genkin holds a warrant to purchase 30,304 Shares at \$13.86 per share. These warrants are fully vested and expire in November 2020.

The Issuer previously had an agreement with Dmitry Genkin under which he was entitled to an annual fee of £750 paid in quarterly installments for his services as director of the Issuer. During 2016 and 2015, Mr. Genkin was paid approximately \$1,000 annually in respect of director services provided in each year. In addition, Dmitry Genkin previously provided research and consulting services to the Issuer, for which he was paid approximately \$129,000 and \$73,000 during the years ended December 31, 2016 and 2015, respectively. In May 2016, Mr. Genkin resigned from the Board of Directors of the Issuer.

ITEM 7. MATERIAL TO BE FILED AS EXHIBITS.

- Exhibit A - Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G
- Exhibit B - Shareholder Voting Agreement dated October 26, 2016 between Xenetic Biosciences, Inc. and LLC SynBio
- Exhibit C - Certain Information Regarding Directors and Executive Officers of Pharmsynthez and SynBio

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

Date: July 12, 2017

PJSC PHARMSYNTHET

By: /s/ Petr (Vladimirovich) Kruglyakov

Petr (Vladimirovich) Kruglyakov

/s/ Dmitry Genkin

Dmitry Genkin

LLC SYNBIO

By: /s/ Sergey (Sergeevich) Avtushenko

Sergey (Sergeevich) Avtushenko

SCHEDULE 13D

EXHIBIT A

**AGREEMENT REGARDING JOINT FILING
OF STATEMENT ON SCHEDULE 13D OR 13G**

The undersigned agree to file jointly with the Securities and Exchange Commission (the "SEC") any and all statements on Schedule 13D or Schedule 13G (and any amendments or supplements thereto) required under section 13(d) of the Securities Exchange Act of 1934, as amended, in connection with purchases and sales by the undersigned of securities of any issuer, until such time as the undersigned file with the SEC a statement terminating this Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G. For that purpose, the undersigned hereby constitute and appoint Dmitry (Dmitrievich) Genkin, as their true and lawful agent and attorney-in-fact, with full power and authority for and on behalf of the undersigned to prepare or cause to be prepared, sign, file with the SEC and furnish to any other person all certificates, instruments, agreements and documents necessary to comply with section 13(d) and section 16(a) of the Securities Exchange Act of 1934, as amended, in connection with said purchases and sales, and to do and perform every act necessary and proper to be done incident to the exercise of the foregoing power, as fully as the undersigned might or could do if personally present, until such time as the undersigned file with the SEC a statement terminating this Agreement Regarding Joint Filing of Statement on Schedule 13D or 13G.

Dated: July 12, 2017

PJSC PHARMSYNTHEZ

By: /s/ Petr (Vladimirovich) Kruglyakov
Petr (Vladimirovich) Kruglyakov

/s/ Dmitry Genkin
Dmitry Genkin

LLC SYN BIO

By: /s/ Sergey (Sergeevich) Avtushenko
Sergey (Sergeevich) Avtushenko

SCHEDULE 13D

EXHIBIT B

XENETIC BIOSCIENCES, INC.

SHAREHOLDER VOTING AGREEMENT

XENETIC BIOSCIENCES, INC., a Nevada corporation (the “Company”), and SynBio, LLC (“Shareholder”) a shareholder of the capital stock of the Company agree:

Section 1. Recitals. The Company and the Shareholder desire to enter into this Voting Agreement (this “Agreement”) in accordance with Nevada General Corporation Law for the purpose of providing for an agreement regarding voting of Shareholder’s common stock in the Company.

Section 2. Shares Subject to Agreement. Shareholder agrees to hold all Shares of voting capital stock of the Company registered in their name or beneficially owned by them as of the date hereof, and any and all other securities of the Company legally or beneficially acquired by such Shareholder, or over which such Shareholder has voting control, after the date hereof (collectively, the “Subject Shares”) subject to, and to vote the Subject Shares in accordance with, the provisions of this Agreement.

Section 3. Voting of Subject Shares. Shareholder agrees to vote, or cause to be voted, all Subject Shares owned by such Shareholder, or over which such Stockholder has voting control, from time to time and at all times, in the same manner and in the same proportion as voted by the non-affiliate shareholders of the Company so voting on each matter to be decided or approved by the Company’s shareholders.

Section 4. Termination. This Agreement will terminate on the first anniversary of the declaration of effectiveness of the Company’s registration statement currently being reviewed by the US Securities and Exchange Commission File No. 333-211249.

Section 5. Ownership. Shareholder represents and warrants that Shareholder is the sole legal and beneficial owner of the relevant Subject Shares and that no other person has any interest in such Subject Shares. In the event that Shareholder sells or transfers any part or number of the Subject Shares to an unrelated purchaser for value, Shares so sold shall no longer be subject to this voting agreement. Nothing contained herein shall be interpreted as a restriction on Shareholder’s right to sell the Subject Shares.

Section 6. Miscellaneous.

(a) Successors and Assigns. Except as otherwise provided herein, the terms and conditions of this Agreement inure to the benefit of and are binding upon the respective permitted successors and assigns of the parties (including transferees of any of the Subject Shares). Nothing in this Agreement, express or implied, is intended to confer upon any party other than the parties hereto or their respective successors and assigns any rights, remedies, obligations, or liabilities under or by reason of this Agreement, except as expressly provided in this Agreement.

(b) Governing Law. This Agreement is governed by and is to be construed in accordance with the law of the State of Nevada applicable to agreements made and to be performed in Nevada.

(c) Counterparts. This Agreement may be executed in any number of counterparts, each of which is an original and all of which taken together constitute one instrument. Any party may execute this Agreement by executing any such counterpart. To the maximum extent permitted by law or by any applicable governmental authority, this Agreement may be transmitted by facsimile, electronic mail (including pdf) or other transmission method with the same validity as if it were an ink-signed document and any counterpart so delivered will be deemed to have been duly and validly delivered and be valid and effective for all purposes.

(d) Titles and Subtitles. The titles and subtitles used in this Agreement are used for convenience only and are not to be considered in construing or interpreting this Agreement.

(e) Notices. Any notice or other communication given under this Agreement will be in writing and will be deemed effectively given (i) upon personal delivery to the party to be notified, (ii) five days after having been sent to the relevant party by registered or certified mail, return receipt requested, postage prepaid, or (iii) one day after deposit with a nationally recognized overnight courier, specifying next day delivery to the relevant party, with written verification of receipt, in each case addressed to the party to be notified at such party's address as set forth on the signature pages below, or as subsequently modified by notice to the other parties.

(f) Severability. If one or more provisions of this Agreement are held to be unenforceable under applicable law, the parties will renegotiate such provision in good faith. If the parties cannot reach a mutually agreeable and enforceable replacement for such provision, then (i) such provision will be excluded from this Agreement, (ii) the balance of the Agreement will be interpreted as if such provision were so excluded, and (iii) the balance of the Agreement will be enforceable in accordance with its terms.

(g) Delays or Omissions. No delay or omission to exercise any right, power or remedy accruing to any party to this Agreement upon any breach or default of any other party under this Agreement will impair any such right, power or remedy of such party nor will it be construed to be a waiver of any such breach or default, or an acquiescence therein, or in any similar breach or default thereafter occurring; nor will any waiver of any single breach or default any other breach or default theretofore or thereafter occurring.

(h) Entire Agreement. This Agreement constitutes the entire agreement between the parties hereto pertaining to the subject matter hereof, and any and all other written or oral agreements existing between the parties hereto are expressly canceled.

[Signature Page to Follow]

Dated: October 26, 2016

XENETIC BIOSCIENCES, INC.

SYNBIO LLC

By: /s/ M. Scott Maguire

By: /s/ S. Avtushenko

M. Scott Maguire

S. Avtushenko

Its: CEO

Its: CEO

SCHEDULE 13D

EXHIBIT C

CERTAIN INFORMATION REGARDING DIRECTORS AND EXECUTIVE OFFICERS OF PHARMSYNTHEZ AND SYN BIO

Set forth below are the names, positions with Pharmsynthez, business addresses and principal occupations of the directors and executive officers of Pharmsynthez.

<u>Name</u>	<u>Principal Occupation or Employment</u>	<u>Business Address</u>	<u>Nature of Business</u>	<u>Citizenship</u>
Genkin Dmitriy Dmitrievich	Chairman of the Board of Directors at Pharmsynthez	25 liter "Ж" Ulitsa Krasnogo Kursanta, St Petersburg, Russia, 197110	Pharmacology	Russian
Indrek Kasela, Member of the Board of Directors	Member of the Supervisory Board at EPhaG AS	19 Viru, Tallinn, Estonia, 10113	Pharmacology	Estonian
Gorelik Steven Yaroslav, Member of the Board of Directors	Member of the Supervisory Board at EPhaG AS	19 Viru, Tallinn, Estonia, 10113	Pharmacology	USA
Knyazev Roman Sergeevich, Member of the Board of Directors	Investment Director at LLC "Managing Company "Rusnano"	10A Prospekt 60-letiya Oktyabrya, Moscow, Russia, 117036	Nanotechnology	Russian
Shpichko Olga Yurevna, Member of the Board of Directors	Managing Investment Director at LLC "Managing Company "Rusnano"	10A Prospekt 60-letiya Oktyabrya, Moscow, Russia, 117036	Nanotechnology	Russian
Kolosov Dmitriy Yurevich, Member of the Board of Directors	Deputy Director General for IR	25 liter "Ж" Ulitsa Krasnogo Kursanta, St Petersburg, Russia, 197110	Pharmacology	Russian
Bezhanov Sergey Kimovich, Member of the Board of Directors	General Director (CEO) at LLC "BioGenius"	Presnenskaya naberezhnaya 12 Floor 36, Federation Tower West Moscow, Russia, 123100	Pharmacology	Russian
Kruglyakov Petr Vladimirovich	General Director (CEO) at Pharmsynthez	25 liter "Ж" Ulitsa Krasnogo Kursanta, St Petersburg, Russia, 197110	Pharmacology	Russian

Set forth below are the names, positions with SynBio, business addresses and principal occupations of the directors and executive officers of SynBio.

<u>Name</u>	<u>Principal Occupation or Employment</u>	<u>Business Address</u>	<u>Nature of Business</u>	<u>Citizenship</u>
Knyazev Roman Sergeevich, Chairman of the Board of Directors	Investment Director at LLC “Managing Company “Rusnano”	10A Prospekt 60- letiya Oktyabrya, Moscow, Russia, 117036	Nanotechnology	Russian
Shpichko Olga Yurevna, Member of the Board of Directors	Managing Investment Director at LLC “Managing Company “Rusnano”	10A Prospekt 60- letiya Oktyabrya, Moscow, Russia, 117036	Nanotechnology	Russian
Genkin Dmitriy Dmitrievich, Member of the Board of Directors	Chairman of the Board of Directors at Pharmsynthez	25 liter “ * ” Ulitsa Krasnogo Kursanta, St Petersburg, Russia, 197110	Pharmacology	Russian
Isaev Artur Aleksandrovich, Member of the Board of Directors	General Director of Human Stem Cells Institute PJSC, Russia’s public biotech company	129110, Moscow, 18/1, Olympiysky prospekt	Biotechnology	Russian
Prihodko Aleksandr Viktorovich, Member of the Board of Directors	Chairman of the Board of Directors at Human Stem Cells Institute PJSC	129110, Moscow, 18/1, Olympiysky prospekt	Biotechnology	Russian
Podkolzina Nina Vladimirovna, Member of the Board of Directors	Investment Director at LLC “Managing Company “Rusnano”	10A Prospekt 60- letiya Oktyabrya, Moscow, Russia, 117036	Nanotechnology	Russian
Avtushenko Sergey Sergeevich, Member of the Board of Directors	General Director (CEO) at SynBio	55/1 Stroenie 2 Leninskiy Prospekt, Moscow, Russia, 119333	Pharmacology	Russian