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

SCHEDULE 13D

**Under the Securities Exchange Act of 1934
(Amendment No. 5)***

Gamida Cell Ltd.
(Name of Issuer)

Ordinary Shares, par value NIS 0.01 per share
(Title of Class of Securities)

M47364100
(CUSIP Number)

**Alejandro Moreno
Langhorne S. Perrow
c/o Access Industries, Inc.
40 West 57th Street, 28th Floor
New York, New York 10019
(212) 247-6400**

with copies to:

**Nicholas P. Pellicani
Debevoise & Plimpton LLP
919 Third Avenue
New York, New York 10022
(212) 909-6000**

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

November 14, 2022
(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 Rules 13d-1(e), 13d-1(f) or 13d-1(g), check the following box.

1	NAME OF REPORTING PERSON. AI Gamida Holdings LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 State of Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 3,750,000 shares
	8	SHARED VOTING POWER 0 shares
	9	SOLE DISPOSITIVE POWER 3,750,000 shares
	10	SHARED DISPOSITIVE POWER 0 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,750,000 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 5.04%(2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO (Limited Liability Company)	

(1) Excludes 2,881,746 Ordinary Shares that are beneficially owned by Clal Biotechnology Industries Ltd. and its subsidiaries and 3,111,111 Ordinary Shares that are directly owned by AI Biotechnology LLC.

(2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the Securities and Exchange Commission (the "SEC") on November 14, 2022.

1	NAME OF REPORTING PERSON. Access Industries Holdings LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 State of Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0 shares
	8	SHARED VOTING POWER 5,992,857 shares
	9	SOLE DISPOSITIVE POWER 0 shares
	10	SHARED DISPOSITIVE POWER 5,992,857 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,992,857 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.06%(2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO (Limited Liability Company)	

(1) Excludes 3,750,000 Ordinary Shares that are owned directly by AI Gamida Holdings LLC.

(2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

1	NAME OF REPORTING PERSON. Access Industries, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 State of Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0 shares
	8	SHARED VOTING POWER 5,992,857 shares
	9	SOLE DISPOSITIVE POWER 0 shares
	10	SHARED DISPOSITIVE POWER 5,992,857 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 5,992,857 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 8.06% ⁽²⁾	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO (Limited Liability Company)	

(1) Excludes 3,750,000 Ordinary Shares that are owned directly by AI Gamida Holdings LLC.

(2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on May November 14, 2022.

1	NAME OF REPORTING PERSON. Access Industries Management, LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 State of Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0 shares
	8	SHARED VOTING POWER 9,742,857 shares
	9	SOLE DISPOSITIVE POWER 0 shares
	10	SHARED DISPOSITIVE POWER 9,742,857 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9,742,857 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13.10% ⁽¹⁾	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO (Limited Liability Company)	

(1) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

1	NAME OF REPORTING PERSON. Clal Biotechnology Industries Ltd.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) WC	
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 Israel	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,507,369 shares
	8	SHARED VOTING POWER 1,374,377 shares
	9	SOLE DISPOSITIVE POWER 1,507,369 shares
	10	SHARED DISPOSITIVE POWER 1,374,377 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,881,746 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 3.87%(2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

(1) Excludes 3,750,000 Ordinary Shares that are owned directly by AI Gamida Holdings LLC and 3,111,111 Ordinary Shares that are owned directly by AI Biotechnology LLC.

(2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

1	NAME OF REPORTING PERSON. Bio Medical Investment (1997) Ltd.	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) WC	
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 Israel	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 1,374,377 shares
	8	SHARED VOTING POWER 0 shares
	9	SOLE DISPOSITIVE POWER 1,374,377 shares
	10	SHARED DISPOSITIVE POWER 0 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 1,374,377 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 1.85%(2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO	

(1) Excludes 1,507,369 Ordinary Shares that are beneficially owned by Clal Biotechnology Industries Ltd., 3,750,000 Ordinary Shares that are owned directly by AI Gamida Holdings LLC and 3,111,111 Ordinary Shares that are owned directly by AI Biotechnology LLC.

(2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

1	NAME OF REPORTING PERSON. Len Blavatnik	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 United States of America	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 0 shares
	8	SHARED VOTING POWER 9,742,857 shares
	9	SOLE DISPOSITIVE POWER 0 shares
	10	SHARED DISPOSITIVE POWER 9,742,857 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 9,742,857 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input type="checkbox"/>	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 13.10% ⁽¹⁾	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) IN	

- (1) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

1	NAME OF REPORTING PERSON. AI Biotechnology LLC	
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) <input type="checkbox"/> (b) <input type="checkbox"/>	
3	SEC USE ONLY	
4	SOURCE OF FUNDS (SEE INSTRUCTIONS) AF	
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 State of Delaware	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH	7	SOLE VOTING POWER 3,111,111 shares
	8	SHARED VOTING POWER 0 shares
	9	SOLE DISPOSITIVE POWER 3,111,111 shares
	10	SHARED DISPOSITIVE POWER 0 shares
11	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 3,111,111 shares	
12	CHECK IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) <input checked="" type="checkbox"/> (1)	
13	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) 4.18%(2)	
14	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) OO (Limited Liability Company)	

- (1) Excludes 2,881,746 Ordinary Shares that are beneficially owned by Clal Biotechnology Industries Ltd. and its subsidiaries and 3,750,000 Ordinary Shares that are owned directly by AI Gamida Holdings LLC.
- (2) All percentages of ownership of the Ordinary Shares by Reporting Persons presented in this Statement are based on 74,380,810 Ordinary Shares issued and outstanding on November 10, 2022, as reported in the Issuer's Form 10-Q filed with the SEC on November 14, 2022.

This Amendment No. 5 to Schedule 13D is being filed by AI Gamida Holdings LLC (“AI Gamida”), Access Industries Holdings LLC (“AIH”), Access Industries Management, LLC (“AIM”), Access Industries, LLC (“Access LLC”), Bio Medical Investment (1997) Ltd. (“Bio Medical”), Clal Biotechnology Industries Ltd. (“CBI”) and Len Blavatnik (collectively, the “Original Reporting Persons”) and AI Biotechnology LLC (“AIB” and, together with the Original Reporting Persons, the “Reporting Persons”, and each, a “Reporting Person”) to report a change in the percentage of ordinary shares, par value NIS 0.01 per share (the “Ordinary Shares”), of Gamida Cell Ltd. (the “Issuer”) beneficially owned by the Reporting Persons.

The Schedule 13D filed by the Original Reporting Persons with the Securities and Exchange Commission (the “SEC”) on November 9, 2018, as amended and supplemented by Amendment No. 1 to the Schedule 13D filed by the Reporting Persons with the SEC on July 3, 2019, Amendment No. 2 to the Schedule 13D filed by the Reporting Persons with the SEC on May 22, 2020, Amendment No. 3 to the Schedule 13D filed by the Reporting Persons with the SEC on February 8, 2022 and Amendment No. 4 to the Schedule 13D filed by the Reporting Persons with the SEC on June 10, 2022 (together, the “Schedule”), is hereby amended and supplemented by the Reporting Persons as set forth below in this Amendment No. 5. This amendment is filed by the Reporting Persons in accordance with Rule 13d-2 of the Securities Exchange Act of 1934, as amended, and refers only to information that has materially changed since the filing of the Schedule. The items identified below, or the particular paragraphs of such items which are identified below, are amended as set forth below. Unless otherwise indicated, all capitalized terms used and not defined herein have the respective meanings assigned to them in the Schedule.

Item 5 Interest in Securities of the Issuer

The disclosure in Items 5(a), (b) and (e) to the Schedule is hereby amended and restated as follows:

(a) and (b) The responses of each of the Reporting Persons with respect to Rows 11, 12, and 13 of the cover pages of this Schedule 13D that relate to the aggregate number and percentage of common stock (including but not limited to footnotes to such information) are incorporated herein by reference.

The responses of each of the Reporting Persons with respect to Rows 7, 8, 9, and 10 of the cover pages of this Schedule 13D that relate to the number of common stock as to which each of the persons or entities referenced in Item 2 above has sole or shared power to vote or to direct the vote of and sole or shared power to dispose of or to direct the disposition of (including but not limited to footnotes to such information) are incorporated herein by reference.

3,750,000 Ordinary Shares are owned directly by AI Gamida and may be deemed to be beneficially owned by AIM and Len Blavatnik because (i) AIM and Len Blavatnik control AI Gamida, and (ii) Len Blavatnik controls AIM. Each of the Reporting Persons (other than AI Gamida), and each of their affiliated entities and the officers, partners, members and managers thereof, disclaims beneficial ownership of the securities held directly by AI Gamida.

2,881,746 Ordinary Shares may be deemed to be beneficially owned by CBI, including (i) 1,507,369 Ordinary Shares owned directly by CBI and (ii) 1,374,377 Ordinary Shares owned directly by Bio Medical, which is a wholly owned subsidiary of CBI. CBI may be deemed to share voting and investment power over the shares held directly by Bio Medical because it controls that entity. CBI is a publicly traded company traded on the Tel Aviv Stock Exchange.

1,374,377 Ordinary Shares are owned directly by Bio Medical, which is a wholly owned subsidiary of CBI.

3,111,111 Ordinary Shares are owned directly by AIB, which is a wholly owned subsidiary of AIH.

Each of AIH, Access LLC, AIM and Mr. Blavatnik may be deemed to share voting and investment power over the Ordinary Shares deemed to be beneficially owned by CBI (including the shares held directly by Bio Medical) and the Ordinary Shares owned directly by AIB because (i) Len Blavatnik controls AIM, AIH, Access LLC and AI International GP Limited (the general partner of AI SMS, as defined below), (ii) Access LLC controls a majority of the outstanding voting interests in AIH, (iii) AIM controls Access LLC and AIH, (iv) AIH owns AIB, (v) AIH owns a majority of the equity of AI SMS L.P. (“AI SMS”), (vi) AI SMS owns a majority of the equity of AI Diversified Holdings Ltd. (“Holdings Limited”), (vii) Holdings Limited owns AI Diversified Parent S.à r.l., which owns AI Diversified Holdings S.à r.l., which owns Access AI Ltd (“Access AI”), (viii) Access AI wholly owns Clal Industries Ltd. (“CI”), and (ix) CI is the controlling shareholder of

CBI. Each of the Reporting Persons (other than, (x) solely with respect to the securities held directly by CBI, CBI, (y) solely with respect to the securities held directly by Bio Medical, Bio Medical and (z) solely with respect to the securities held directly by AIB, AIB), and each of their affiliated entities and the officers, partners, members and managers thereof, disclaims beneficial ownership of the securities held directly by CBI, Bio Medical and AIB.

(e) On July 1, 2019, Bio Medical ceased to be the beneficial owner of more than 5% of the Issuer's outstanding Ordinary Shares.

On November 14, 2022, CBI and AIB each ceased to be the beneficial owner of more than 5% of the Issuer's outstanding Ordinary Shares.

Item 7 Materials to Be Filed as Exhibits

Exhibit	Description
99.10	Joint Filing Agreement, dated as of November 15, 2022.

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: November 15, 2022

AI GAMIDA HOLDINGS LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno
Title: Executive Vice President

ACCESS INDUSTRIES HOLDINGS LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno
Title: Executive Vice President

ACCESS INDUSTRIES MANAGEMENT, LLC

/s/ Alejandro Moreno

Name: Alejandro Moreno
Title: Executive Vice President

ACCESS INDUSTRIES, LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno
Title: Executive Vice President

CLAL BIOTECHNOLOGY INDUSTRIES LTD.

/s/ Assaf Segal

Name: Assaf Segal
Title: Director

/s/ Shiran Manor

Name: Shiran Manor
Title: General Counsel & Corporate Secretary

BIO MEDICAL INVESTMENT (1997) LTD.

/s/ Assaf Segal

Name: Assaf Segal
Title: Director

/s/ Shiran Manor

Name: Shiran Manor
Title: General Counsel & Corporate Secretary

AI BIOTECHNOLOGY LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno
Title: Executive Vice President

*

Name: Len Blavatnik

* The undersigned, by signing his name hereto, executes this Amendment No. 5 to Schedule 13D pursuant to the Limited Power of Attorney executed on behalf of Mr. Blavatnik and filed herewith.

By: /s/ Alejandro Moreno

Name: Alejandro Moreno
Attorney-in-Fact

Joint Filing Agreement

The undersigned hereby agree that they are filing this statement jointly pursuant to Rule 13d-1(k)(1). Each of them is responsible for the timely filing of such Schedule 13D and any amendments thereto, and for the completeness and accuracy of the information concerning such person contained therein; but none of them is responsible for the completeness or accuracy of the information concerning the other persons making the filing, unless such person knows or has reason to believe that such information is inaccurate.

In accordance with Rule 13d-1(k)(1) promulgated under the Securities and Exchange Act of 1934, as amended, the undersigned hereby agree to the joint filing with each other on behalf of each of them of such a statement on Schedule 13D (and any amendments thereto) with respect to the Ordinary Shares, par value NIS 0.01 per share, beneficially owned by each of them, of Gamida Cell Ltd., an Israeli corporation. This Joint Filing Agreement shall be included as an exhibit to such Schedule 13D.

[Signature Page Follows]

IN WITNESS WHEREOF, the undersigned hereby execute this Joint Filing Agreement as of the 15th day of November, 2022.

AI GAMIDA HOLDINGS LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno

Title: Executive Vice President

ACCESS INDUSTRIES HOLDINGS LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno

Title: Executive Vice President

ACCESS INDUSTRIES MANAGEMENT, LLC

/s/ Alejandro Moreno

Name: Alejandro Moreno

Title: Executive Vice President

ACCESS INDUSTRIES, LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno

Title: Executive Vice President

CLAL BIOTECHNOLOGY INDUSTRIES LTD.

/s/ Assaf Segal

Name: Assaf Segal

Title: Director

/s/ Shiran Manor

Name: Shiran Manor

Title: General Counsel & Corporate Secretary

BIO MEDICAL INVESTMENT (1997) LTD.

/s/ Assaf Segal

Name: Assaf Segal

Title: Director

/s/ Shiran Manor

Name: Shiran Manor

Title: General Counsel & Corporate Secretary

AI BIOTECHNOLOGY LLC

By: Access Industries Management, LLC, Its Manager

/s/ Alejandro Moreno

Name: Alejandro Moreno

Title: Executive Vice President

*

Name: Len Blavatnik

* The undersigned, by signing his name hereto, executes this Joint Filing Agreement pursuant to the Limited Power of Attorney executed on behalf of Mr. Blavatnik and filed herewith.

By: /s/ Alejandro Moreno

Name: Alejandro Moreno

Attorney-in-Fact