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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
WASHINGTON, D.C. 20549

**SCHEDULE 13D**

Under the Securities Exchange Act of 1934  
(Amendment No. 15)\*

**Outlook Therapeutics, Inc.**

(Name of Issuer)

**Common Stock, par value \$0.01 per share**

(Title of Class of Securities)

**69012T 206**

(CUSIP Number)

**BioLexis Pte. Ltd.  
36 Robinson Road  
#13-01 City House  
Singapore, 068877**

**Attn: Executive Director**

**Telephone: +962 6 582 7999 (ext. 1104)**

**with a copy to:**

**Shearman & Sterling LLP  
300 West 6th Street, Suite 2250  
Austin, Texas 78701**

**Attn: J. Russel Denton**

**(512) 647-1900**

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

**February 1, 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 §§240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box.

**Note:** Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See §240.13d-7 for other parties to whom copies are to be sent.

\* 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 disclosures provided in a prior cover page.

The information required on 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).

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1.	NAMES OF REPORTING PERSONS <b>BioLexis Pte. Ltd.</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3.	SEC USE ONLY		
4.	SOURCE OF FUNDS  <b>WC</b>		
5.	CHECK B IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>		
6.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Singapore</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	7.	SOLE VOTING POWER <b>0</b>	
	8.	SHARED VOTING POWER <b>50,965,058</b>	
	9.	SOLE DISPOSITIVE POWER <b>0</b>	
	10.	SHARED DISPOSITIVE POWER <b>50,965,058</b>	
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>50,965,058</b>		
12.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) <b>22.7% (1)</b>		
14.	TYPE OF REPORTING PERSON <b>IV</b>		

(1) This percentage is calculated based upon 224,260,602 Shares outstanding as of January 26, 2022, based on Outlook Therapeutics, Inc.'s, a Delaware corporation (the "Issuer"), definitive proxy statement filed with the Securities and Exchange Commission on January 27, 2022. "Shares" means shares of common stock, par value \$0.01 per share (the "Shares"), of the Issuer.

1.	NAMES OF REPORTING PERSONS <b>Ghiath M. Sukhtian</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3.	SEC USE ONLY		
4.	SOURCE OF FUNDS  N/A		
5.	CHECK B IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>		
6.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Jordan</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	7.	SOLE VOTING POWER	<b>0</b>
	8.	SHARED VOTING POWER	<b>80,029,630</b>
	9.	SOLE DISPOSITIVE POWER	<b>0</b>
	10.	SHARED DISPOSITIVE POWER	<b>80,029,630</b>
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>80,029,630</b>		
12.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) <b>35.7% (1)</b>		
14.	TYPE OF REPORTING PERSON <b>IN</b>		

- (1) This percentage is calculated based upon 224,260,602 Shares outstanding as of January 26, 2022, based on the Issuer's definitive proxy statement filed with the Securities and Exchange Commission on January 27, 2022, plus 1,230,315 Shares underlying Warrants (as defined below) issued to GMS Ventures and Investments ("GMS Ventures").

1.	NAMES OF REPORTING PERSONS <b>Arun Kumar Pillai</b>		
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>		
3.	SEC USE ONLY		
4.	SOURCE OF FUNDS  N/A		
5.	CHECK B IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>		
6.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>India</b>		
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	7.	SOLE VOTING POWER <b>0</b>	
	8.	SHARED VOTING POWER <b>50,965,058</b>	
	9.	SOLE DISPOSITIVE POWER <b>0</b>	
	10.	SHARED DISPOSITIVE POWER <b>50,965,058</b>	
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>50,965,058</b>		
12.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>		
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) <b>22.7% (1)</b>		
14.	TYPE OF REPORTING PERSON <b>IN</b>		

(1) This percentage is calculated based upon 224,260,602 Shares outstanding as of January 26, 2022, based on the Issuer's definitive proxy statement filed with the Securities and Exchange Commission on January 27, 2022.

1.	NAMES OF REPORTING PERSONS <b>GMS Ventures and Investments</b>	
2.	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP  (a) <input type="checkbox"/> (b) <input checked="" type="checkbox"/>	
3.	SEC USE ONLY	
4.	SOURCE OF FUNDS  <b>WC</b>	
5.	CHECK B IF DISCLOSURE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO ITEMS 2(d) or 2(e) <input type="checkbox"/>	
6.	CITIZENSHIP OR PLACE OF ORGANIZATION <b>Cayman Islands</b>	
NUMBER OF SHARES BENEFICIALLY OWNED BY EACH REPORTING PERSON WITH:	7.	SOLE VOTING POWER <b>0</b>
	8.	SHARED VOTING POWER <b>29,064,572 (1)</b>
	9.	SOLE DISPOSITIVE POWER <b>0</b>
	10.	SHARED DISPOSITIVE POWER <b>29,064,572 (1)</b>
11.	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON <b>29,064,572 (1)</b>	
12.	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES <input type="checkbox"/>	
13.	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW (11) <b>12.9% (2)</b>	
14.	TYPE OF REPORTING PERSON <b>IV</b>	

- (1) Includes warrants (the “Warrants”) to purchase up to an aggregate of 1,230,315 Shares.
- (2) This percentage is calculated based upon 224,260,602 Shares outstanding as of January 26, 2022, based on the Issuer’s definitive proxy statement filed with the Securities and Exchange Commission on January 27, 2022, plus 1,230,315 Shares underlying the Warrants.

This Amendment No. 15 ("Amendment No. 15") to Schedule 13D supplements and amends the statement on Schedule 13D of BioLexis Pte. Ltd. (formerly known as GMS Tenshi Holdings Pte. Limited), a Singapore private limited company ("BioLexis"), Ghiath M. Sukhtian ("Sukhtian"), and Arun Kumar Pillai ("Kumar") originally filed with the Securities and Exchange Commission (the "SEC") on September 18, 2017, and amended by Amendment Nos. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13 and 14 thereto, filed with the SEC on each of November 1, 2017, June 25, 2018, July 20, 2018, November 9, 2018, January 3, 2019, February 5, 2019, April 17, 2019, June 19, 2019, December 30, 2019, January 31, 2020, February 27, 2020, March 24, 2020, February 2, 2021 and December 1, 2021 respectively (together, as so amended, the "Schedule 13D"). Except as otherwise specified in this Amendment No. 15, all items in the Schedule 13D remain unchanged. All capitalized terms used herein and not otherwise defined have the meanings ascribed to such terms in the Schedule 13D.

The Reporting Persons are filing this Amendment No. 15 to report the purchase by GMS Pharma from Tenshi and Tenshi Life Sciences Pte. Limited ("Tenshi Life") of shares of BioLexis corresponding to 2,500,000 Shares, as described in Item 4.

**Item 3. Source and Amount of Funds or Other Consideration.**

The response to Item 3 in the Schedule 13D is hereby amended to add the following after the last paragraph:

The source of funds for the Share Purchase (as defined below) was the working capital of GMS Holdings and capital contributions made to GMS Holdings.

**Item 4. Purpose of Transaction**

Item 4 of the Schedule 13D is hereby amended to add the following after the last paragraph:

On January 31, 2022, GMS Pharma entered into a securities purchase agreement with Tenshi and Tenshi Life, pursuant to which GMS Pharma purchased from Tenshi and Tenshi Life approximately 4.9% of the shares of BioLexis, which corresponds to 2,500,000 Shares held by BioLexis, for an aggregate purchase price of \$3,125,000 (the "Share Purchase") and based on a price per Share of \$1.25. The Share Purchase closed on February 1, 2022.

**Item 5. Interest in Securities of the Issuer**

Item 5 of the Schedule 13D is hereby amended and restated in its entirety to read:

(a)–(b)

The aggregate percentage of Shares reported owned by each Reporting Person named herein is based upon 224,260,602 Shares outstanding as of January 26, 2022, based on the Issuer's definitive proxy statement filed with the Securities and Exchange Commission on January 27, 2022.

A. BioLexis

- (a) As of the date hereof, BioLexis directly owns a total of 50,965,058 Shares. This represents approximately 22.7% of the outstanding Shares calculated pursuant to Rule 13d-3 under the Securities Exchange Act of 1934, as amended (the "Exchange Act").
  - (b)
    - 1. Sole power to vote or direct vote: 0
    - 2. Shared power to vote or direct vote: 50,965,058
    - 3. Sole power to dispose or direct the disposition: 0
    - 4. Shared power to dispose or direct the disposition: 50,965,058
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B. Sukhtian

(a) Sukhtian is the holder of a controlling interest in GMS Holdings, which is the sole owner of GMS Pharma, which in turn is a beneficial owner of BioLexis. By virtue of such relationship, Sukhtian may be deemed to beneficially own 50,965,058 Shares held by BioLexis for purposes of Rule 13d-3 under the Exchange Act. In addition, GMS Holdings is the sole owner of GMS Ventures. By virtue of such relationship, Sukhtian may be deemed to beneficially own the securities held by GMS Ventures for purposes of Rule 13d-3 under the Exchange Act. This represents approximately 35.7% of the outstanding Shares calculated pursuant to Rule 13d-3 under the Exchange Act.

- (a) 1. Sole power to vote or direct vote: 0
- 2. Shared power to vote or direct vote: 80,029,630
- 3. Sole power to dispose or direct the disposition: 0
- 4. Shared power to dispose or direct the disposition: 80,029,630

C. Kumar

(b) Kumar is the holder of a controlling interest in Tenshi, which is a beneficial owner of BioLexis. By virtue of such relationship, Kumar may be deemed to beneficially own 50,965,058 Shares held by BioLexis for purposes of Rule 13d-3 under the Exchange Act. This represents approximately 22.7% of the outstanding Shares calculated pursuant to Rule 13d-3 under the Exchange Act.

- (c) 1. Sole power to vote or direct vote: 0
- 2. Shared power to vote or direct vote: 50,965,058
- 3. Sole power to dispose or direct the disposition: 0
- 4. Shared power to dispose or direct the disposition: 50,965,058

D. GMS Ventures

(a) As of the date hereof, GMS Ventures directly owns 27,834,257 Shares and warrants to purchase 1,230,315 Shares, representing a total of 29,064,572 Shares directly owned by GMS Ventures. This represents approximately 12.9% of the outstanding Shares calculated pursuant to Rule 13d-3 under the Exchange Act.

- (b) 1. Sole power to vote or direct vote: 0
- 2. Shared power to vote or direct vote: 29,064,572
- 3. Sole power to dispose or direct the disposition: 0
- 4. Shared power to dispose or direct the disposition: 29,064,572

(c) Except as disclosed in Item 4, which is incorporated herein by reference, and as previously disclosed in Amendment No. 14, the Reporting Persons have not effected any transactions in the Shares during the past sixty (60) days.

(d) Not applicable.

(e) Not applicable

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**Item 7. Material to be Filed as Exhibits**

Exhibit	Description
1.	Joint Filing Agreement, among BioLexis Pte. Limited, Ghiath M. Sukhtian, Arun Kumar Pillai, and GMS Ventures and Investments, dated February 1, 2022.
2.	Form of Voting and Lock-up Agreement by and between GMS Tenshi Holdings Pte. Limited and the Director or Executive Officer of Outlook Therapeutics, Inc. party thereto, dated September 7, 2017 (incorporated by reference to Exhibit 10.4 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on September 11, 2017).
3.	Voting and Lock-up Agreement by and between GMS Tenshi Holdings Pte. Limited and Todd Brady, Director Outlook Therapeutics, Inc., dated September 7, 2017 (incorporated by reference to Exhibit 10.5 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on September 11, 2017).
4.	Lock-Up Agreement by and among the Issuer, GMS Tenshi Holdings Pte. Limited and Pankaj Mohan, Ph.D, dated September 7, 2017 (incorporated by reference to Exhibit 10.8 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on September 11, 2017).
5.	Investor Rights Agreement by and between Outlook Therapeutics, Inc. and GMS Tenshi Holdings Pte. Limited, dated September 11, 2017 (incorporated by reference to Exhibit 10.3 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on September 11, 2017).
6.	First Amendment to the Investor Rights Agreement (incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on May 15, 2018).
7.	Exchange Agreement by and between Outlook Therapeutics, Inc. and GMS Tenshi Holdings Pte. Limited, dated July 18, 2018 (incorporated by reference to Exhibit 10.1 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on July 19, 2018).
8.	Second Amendment to Investor Rights Agreement (incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on July 19, 2018).
9.	Purchase Agreement by and between the Issuer and BioLexis, dated November 5, 2018 (incorporated by reference to Exhibit 10.1 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on November 9, 2018).
10.	Third Amendment to Investor Rights Agreement (incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on November 9, 2018).
11.	Form of Warrant to Purchase Common Stock of Outlook Therapeutics, Inc. (incorporated by reference to Exhibit 4.1 of to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on September 11, 2017).
12.	Form of Warrant to Purchase Common Stock of Outlook Therapeutics, Inc. (incorporated by reference to Exhibit 4.1 of to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on May 15, 2018).
13.	Amendment to Warrants to Purchase Common Stock (incorporated by reference to Exhibit 10.1 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on January 31, 2020).
14.	Agreement to Amend Series A-1 Convertible Preferred (incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on January 31, 2020).

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15. Power of Attorney by BioLexis Pte. Ltd. dated as of December 30, 2019 (incorporated by reference to Exhibit 24.4 to the Form 4 filed by the BioLexis Pte. Ltd. with the SEC on January 29, 2020).
  16. Power of Attorney by Arun Kumar Pillai dated as of December 30, 2019 (incorporated by reference to Exhibit 24.4 to the Form 4 filed by Arun Kumar Pillai with the SEC on January 29, 2020).
  17. Power of Attorney by Ghiath M. Sukhtian. dated as of December 30, 2019 (incorporated by reference to Exhibit 24.4 to the Form 4 filed by Ghiath M. Sukhtian with the SEC on January 29, 2020).
  18. Securities Purchase Agreement by and between the Issuer and GMS Ventures and Investments, dated February 24, 2020 (incorporated by reference to Exhibit 10.2 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on February 24, 2020).
  19. Fourth Amendment to Investor Rights Agreement (incorporated by reference to Exhibit 10.4 to the Issuer's Form 8-K (SEC File No. 001-37759), filed with the SEC on February 24, 2020).
  20. Power of Attorney by GMS Ventures and Investments. dated as of February 25, 2020 (incorporated by reference to Exhibit 24.1 to the Form 3 filed by GMS Ventures and Investments with the SEC on February 27, 2020).
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**SIGNATURES**

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.

Dated: February 1, 2022

**BioLexis Pte. Ltd.**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**Ghiath M. Sukhtian**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**Arun Kumar Pillai**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**GMS Ventures and Investments**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

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## JOINT FILING AGREEMENT

The undersigned hereby agree that this Statement on Schedule 13D, dated February 1, 2022 (the "Schedule 13D"), with respect to the common stock, par value \$0.01 per share, of Outlook Therapeutics, Inc. is filed on behalf of each of us pursuant to and in accordance with the provisions of Rule 13d-1(k) under the Securities and Exchange Act of 1934, as amended, and that this Joint Filing Agreement (this "Agreement") shall be included as an Exhibit to the Schedule 13D. Each of the undersigned agrees to be responsible for the timely filing of the Schedule 13D, and for the completeness and accuracy of the information concerning itself contained therein. This Agreement may be executed in any number of counterparts, all of which taken together shall constitute one and the same instrument.

IN WITNESS WHEREOF, the undersigned have executed this Agreement as of the 1<sup>st</sup> day of February, 2022.

**BioLexis Pte. Ltd.**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**Ghiath M. Sukhtian**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**Arun Kumar Pillai**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

**GMS Ventures and Investments**

By: /s/ Lawrence A. Kenyon

Name: Lawrence A. Kenyon

Title: Attorney-in-Fact

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