#### **UNITED STATES** SECURITIES AND EXCHANGE COMMISSION Washington, DC 20549

### FORM 8-K

#### **CURRENT REPORT**

Pursuant to Section 13 or 15(d) of the Securities Exchange Act of 1934

March 29, 2023 Date of Report (date of earliest event reported)

**OpGen, Inc.** (Exact name of Registrant as specified in its charter)

Delaware (State or other jurisdiction of incorporation or organization)

001-37367 (Commission File Number)

06-1614015 (I.R.S. Employer **Identification Number)** 

9717 Key West Ave, Suite 100 Rockville, MD 20850 (Address of principal executive offices)(Zip code)

(301) 869-9683 (Registrant's telephone number, including area code)

Not Applicable

(Former name or former address, if changed since last report)

Check the appropriate box below if the Form 8-K filing is intended to simultaneously satisfy the filing obligation of the registrant under any of the following provisions (see General Instruction A.2. below):

□ Written communications pursuant to Rule 425 under the Securities Act (17 CFR 230.425)

□ Soliciting material pursuant to Rule 14a-12 under the Exchange Act (17 CFR 240.14a-12)

□ Pre-commencement communications pursuant to Rule 14d-2(b) under the Exchange Act (17 CFR 240.14d-2(b))

□ Pre-commencement communications pursuant to Rule 13e-4(c) under the Exchange Act (17 CFR 240.13e-4(c))

Securities registered pursuant to Section 12(b) of the Act:

Title of each class	Trading Symbol(s)	Name of each exchange on which registered
Common Stock	OPGN	The Nasdaq Capital Market

Indicate by check mark whether the registrant is an emerging growth company as defined in Rule 405 of the Securities Act of 1933 (§230.405 of this chapter) or Rule 12b-2 of the Securities Exchange Act of 1934 (§240.12b-2 of this chapter).

Emerging growth company  $\Box$ 

If an emerging growth company, indicate by check mark if the registrant has elected not to use the extended transition period for complying with any new or revised financial accounting standards provided pursuant to Section 13(a) of the Exchange Act.  $\Box$ 

#### Item 2.02 Results of Operations and Financial Condition

On March 29, 2023, OpGen, Inc. (the "Company") issued a press release announcing its fourth quarter and full year financial results for the year ended December 31, 2022 (the "Earnings Release:"), a copy of which is furnished as Exhibit 99.1 to this report. On March 30, 2023, the Company issued a press release correcting certain typographical errors in the Earnings Release. The corrected press release reflects the correction of inadvertent discrepancies in the financial information disclosed in the tables at the end of the press release as compared to the financial information in the Company's Annual Report on Form 10-K for the year ended December 31, 2022 and inclusion of inadvertently omitted line items from the balance sheet. The full text of the corrected press release is furnished as Exhibit 99.2 to this report.

### Item 9.01 Financial Statements and Exhibits.

(d) Exhibits

- 99.1 Press Release, dated March 29, 2023.
- 99.2 Press Release, dated March 30, 2023 (corrected)
- 104 Cover Page Interactive Data File (embedded within the Inline XBRL document)

The information included in Item 2.02 herein and in Exhibits 99.1 and 99.2 shall not be deemed "filed" for purposes of Section 18 of the Securities Exchange Act of 1934 ("Exchange Act") or otherwise subject to the liabilities of that section, nor shall it be deemed incorporated by reference in any filing under the Securities Act of 1933 or the Exchange Act, except as expressly set forth by specific reference in such filing.

### SIGNATURES

Pursuant to the requirements of the Securities Exchange Act of 1934, the registrant has duly caused this report to be signed on its behalf by the undersigned, thereunto duly authorized.

Date: March 30, 2023

OpGen, Inc.

By: /s/ Albert Weber

Name:Albert WeberTitle:Chief Financial Officer



## OpGen Reports Fourth Quarter and Full Year 2022 Financial Results and Provides Business Update

- Total revenue for 2022 was approximately \$2.6 million
- · Balance sheet strengthened by recently closed public offering with gross proceeds of \$7.5 million
- · Conference call to be held March 29, 2023 at 4:30 p.m. ET

ROCKVILLE, Md., March 29, 2023 (GLOBE NEWSWIRE) -- OpGen, Inc. (Nasdaq: OPGN, "OpGen" or "the Company"), a precision medicine company harnessing the power of molecular diagnostics and bioinformatics to help combat infectious disease, reported today its fourth quarter 2022 and full-year 2022 financial and operating results and provided a business update.

OpGen's revenue for the fourth quarter of 2022 was approximately \$722 thousand. Its total revenue for 2022 was approximately \$2.6 million which was in line with the Company's most recent guidance.

"Overall, in 2022 there were several business advancements for OpGen with the completion of a successful UTI clinical trial and initial commercial contracts for our Acuitas AMR Gene Panel in the U.S.," said Oliver Schacht, President & CEO of OpGen. "We believe recent milestones, as well as upcoming near-term catalysts and continued commercialization of approved products put OpGen in a good position to increase revenues."

Mr. Schacht continued, "As we proceed through 2023, we expect several announcements including commercialization of our Alpowered NGS-based ARESiss services in the U.S., ARESdb expansion, finalizing our Unyvero A50 UTI FDA submission, exploring multiple collaboration and non-dilutive financing opportunities, and updates regarding a recently initiated strategic corporate business development campaign in China for our Unyvero A30 platform."

## Fourth Quarter and Full Year 2022 Financial Results of OpGen, Inc.

- Fourth quarter revenue for 2022 was approximately \$722 thousand, compared with approximately \$1.4 million in the fourth quarter of 2021. Our fourth quarter revenues, however, represent a 61% increase over our third quarter 2022 revenues of \$449 thousand. For the twelve months ended December 31, 2022, total revenue was approximately \$2.6 million compared to the twelve months ended December 31, 2021 of approximately \$4.3 million, which was in line with OpGen's most recent guidance.
- Total operating expenses in the fourth quarter of 2022 were \$10.7 million compared to \$7.2 million for the same quarter in 2021. This includes a one-time non-cash accounting charge for the impairment of the Company's in-process R&D (IPR&D) indefinite-lived intangible asset of \$5.4 million. For the twelve months ended December 31, 2022, operating expenses amounted to \$37.2 million, compared to \$27.6 million in 2021. The full year numbers include the impairment of both goodwill as well as IPR&D totaling \$12.3 million.
- Cash and cash equivalents as of December 31, 2022 were approximately \$7.4 million, a decrease compared to the balance at December 31, 2021 of \$36.1 million.

In reporting OpGen's fourth quarter and full year financials for 2022, Albert Weber, OpGen's Chief Financial Officer (CFO), said, "In 2022, our operating expenses remained in line with our initial expectations and tracked well against our guidance for yearly net cash consumption. We reduced our R&D expenses significantly and also reduced our general administrative expenses. We started growing our sales and marketing expenses in line with the planned shift to more commercial operations, with a clear focus on the U.S. market."

"Compared to the third quarter of 2022, we achieved a 61% increase in revenue during the final quarter of 2022," said Mr. Weber. "This increase was primarily due to the revenue generated from the FIND collaboration project, Unyvero product sales and revenue we received from our Acuitas AMR Gene Panel commercial contracts." He continued, "while we experienced an overall revenue decline from 2021 to 2022, due to the termination of the FISH product line and the one-off non-exclusive sale of a portion of the ARES database, both in 2021, we are working towards increasing product sales across all platforms (i.e. Unyvero, Acuitas and ARES) in 2023."

OpGen's management believes that, given the abrupt change by the Chinese government in the first quarter of 2023 on their zero COVID policy, there is now a realistic opportunity for OpGen's local partner, Beijing Clear Biotech, to initiate the outstanding clinical study in China for the Unyvero pneumonia product, thereby adding to the upcoming catalysts for OpGen in 2023.

The Company announced reaching the following key milestones, as well as recent developments in the fourth quarter of 2022 and into 2023 to date:

- On the commercial front, subsidiary Ares Genetics (Ares), announced a successful move to a new Vienna location and received a key patent grant in China. Ares also received the first commercial customer orders in the U.S., with revenue generation expecting to commence in the first quarter of 2023.
- With significant 28% growth in the number of datasets in the ARESdb database in the first quarter of 2023, Ares is well positioned to continue executing on plans to expand and improve the menu of its accurate AI models to predict antibiotic susceptibility from genomic data.
- Based on the final data read-out from the Unyvero UTI Panel's clinical trial in the U.S., OpGen is now in the process of finalizing the FDA submission package, aiming for an imminent submission of the *De Novo* classification request early in the second quarter of 2023.
- At the beginning of 2023, we announced that we achieved several key milestones under our Unyvero A30 platform collaboration with the Foundation for Innovative New Diagnostics (FIND) in December 2022, which triggered a EUR 200 thousand milestone payment received in the first quarter of 2023. Data on the final milestone deliverables under the initial contract is expected in the near term. Conditional on such successful milestone achievements, we believe there is great potential for future collaboration opportunities with FIND. Discussions have already commenced for a follow-on deal that would cover product development steps, including clinical trials and regulatory filings, as well as manufacturing scale up and preparation for launch of the Unyvero A30 in certain low- and middle-income countries.

On the Unyvero A30 platform front, the focus is on non-dilutive partnership opportunities with other non-governmental
organizations similar to FIND as well as U.S. government entities that offer funding opportunities. We have also teamed
up with a strategic advisory firm to support a Unyvero A30 specific corporate business development campaign in China
where there is an attractive opportunity for us to partner with and possibly license or monetize the A30 platform.

As part of OpGen's 2023 initiatives, Mr. Schacht commented, "we expect future growth in the commercial roll out of Unyvero products and the Acuitas AMR Gene Panel. We have focused on expanding and progressing our commercial pipeline for the AMR Gene Panel as well as Unyvero LRT and UTI and we are engaging in several ongoing discussions with hospitals. In the post-COVID fourth quarter of 2022 and into the first quarter of 2023, we have seen that hospitals have a significant backlog of investment needs and are taking longer than pre-COVID to complete contracts. Nonetheless, OpGen has multiple contracts for Unyvero and Acuitas that we believe are in final review with purchasing departments at several hospitals."

In terms of guidance for 2023, OpGen expects to:

- have a net cash consumption of around \$4.5 to \$5 million per quarter from its current operations;
- maintain an active dialog with the European Investment Bank (EIB) regarding the potential to restructure the second tranche of its loan with a principal amount of EUR 3 million, plus accumulated and deferred interest, which becomes due at the end of June 2023;
- pursue significant revenue growth opportunities, especially with Unyvero product sales and with ARESiss services, both in the U.S. and internationally;
- see global revenues from our products, services and collaborations for 2023 to be in a range of approximately \$4 to \$5 million;
- actively pursue the commercial opportunities in our funnel, which includes proposals that we believe are currently in the final review and negotiation stages, clearly indicating significant revenue growth potential for OpGen; and
- following the upcoming regulatory submission of the Unyvero UTI product to the FDA based on the final UTI clinical trial data read-out, expect to enter interactive review with the FDA towards a clearance decision on the De Novo classification request.

## **Conference Call Information**

OpGen's management will host a conference call today, March 29<sup>th</sup> at 4:30 p.m. EDT, to discuss the fourth quarter and full-year 2022 financial results and other business activities, as well as answer questions. Dial-in information is below:

## **Conference Call Details**

- · U.S. Dial-in Number: 1-877-704-4453
- International Dial-in Number:1-201-389-0920
- · Webcast: https://viavid.webcasts.com/starthere.jspei=1595064&tp\_key=d21054e901
- Conference ID: 13735798

## **Replay Details**

- U.S. Dial-in Number: 1-844-512-2921
- International Dial-in Number:1-412-317-6671
- · Replay PIN: 13735798

Following the conclusion of the conference call, a replay will be available through April 12, 2023. The live, listen-only webcast of the conference call may also be accessed by visiting the Investors section of the Company's website at www.opgen.com. A replay of the webcast will be available following the conclusion of the call and will be archived on the Company's website under Financials & Filings.

## About OpGen, Inc.

OpGen, Inc. (Rockville, Md., U.S.A.) is a precision medicine company harnessing the power of molecular diagnostics and bioinformatics to help combat infectious disease. Along with our subsidiaries, Curetis GmbH and Ares Genetics GmbH, we are developing and commercializing molecular microbiology solutions helping to guide clinicians with more rapid and actionable information about life threatening infections to improve patient outcomes, and decrease the spread of infections caused by multidrug-resistant microorganisms, or MDROs. OpGen's current product portfolio includes Unyvero, Acuitas AMR Gene Panel, and the ARES Technology Platform including ARESdb, NGS technology and AI-powered bioinformatics solutions for antibiotic response prediction including ARESiss, ARESid, ARESasp, and AREScloud, as well as the Curetis CE-IVD-marked PCR-based SARS-CoV-2 test kit.

For more information, please visit www.opgen.com.

## **Forward-Looking Statements**

This press release includes statements regarding the fourth guarter 2022 and full year 2022 financials of OpGen and the current business of OpGen. These statements and other statements regarding OpGen's future plans and goals constitute "forwardlooking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 and are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Such statements are subject to risks and uncertainties that are often difficult to predict, are beyond our control, and which may cause results to differ materially from expectations. Factors that could cause our results to differ materially from those described include, but are not limited to, the success of our commercialization efforts, our ability to successfully, timely and costeffectively develop, seek and obtain regulatory clearance for and commercialize our product and services offerings, the rate of adoption of our products and services by hospitals and other healthcare providers, the fact that we may not effectively use proceeds from recent financings, the continued impact of COVID-19 on the Company's operations, financial results, and commercialization efforts as well as on capital markets and general economic conditions, our ability to satisfy debt obligations under our loan with the European Investment Bank, the effect of the military action in Russia and Ukraine on our distributors, collaborators and service providers, our liquidity and working capital requirements, the effect on our business of existing and new regulatory requirements, our ability to realize any anticipated benefits from the reverse stock split, including maintaining its listing on the Nasdaq Capital Market and attracting new investors, and other economic and competitive factors. For a discussion of the most significant risks and uncertainties associated with OpGen's business, please review our filings with the Securities and Exchange Commission. You are cautioned not to place undue reliance on these forward-looking statements, which are based on our expectations as of the date of this press release and speak only as of the date of this press release. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

**OpGen:** Oliver Schacht President and CEO InvestorRelations@opgen.com

**OpGen Investor & Press Contact:** Alyssa Factor **Edison Group** afactor@edisongroup.com

# OpGen, Inc. Consolidated Balance Sheets (unaudited)

Current assets         \$         7.440,030         \$         36.080,332           Accounts receivable, net         1.345,137         1.172,396           Inventory, net         1.345,137         1.239,456           Prepaid expenses and other current assets         1.345,949         1.229,331           Total current assets         10,655,468         38,742,575           Property and equipment, net         3,500         90,467           Operating less right-of-use assets, net         3,500         90,467           Optating less right-of-use assets, net         3,500         90,467           Optating less right-of-use assets         1.476,095         1.184,396           Strategic inventory         2.300,611         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         \$         2.300,611         3,472,337           Total assets         \$         2.300,614         3,472,337           Other assets         495,629         551,794         14,530,029           Total assets         \$         2.300,614         3,472,337           Total assets         \$         4.20,821         \$         1,307,081           Accounts payabit         \$         4.20,8221         \$	Assets	De	ecember 31, 2022	 December 31, 2021
Accounts receivable, net         514,372         1,72,396           Inventory, net         1,345,137         1,239,456           Prepaid expenses and other current assets         10,655,488         39,742,575           Total current assets         10,655,488         39,742,575           Property and equipment, net         3,367,5731         4,011,748           Finance lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets, net         7,440,974         14,450,80           Strategic inventory         2,300,614         3,472,337           Othat assets         495,629         551,794           Total assets         5         2,800,614         3,472,337           Current liabilities         495,629         551,794         5           Accounds payable         5         420,821         \$         1,307,081           Accrued compension and benefits         1,997,654         1,621,788         4,51,938           Deferred revene         14,2061         -         -           Short-term porearing lease liabilities         3,364         43,150           Short-term pareating lease liabilities         3,364	Current assets			
Inventory, net         1,345,137         1,239,456           Prepaid expenses and other current assets         1,355,949         1,250,331           Total current assets         10,655,488         39,742,575           Property and equipment, net         3,457,531         4,011,748           Finance lease right-of-use assets         1,476,896         1,814,396           Goodvill         —         7,453,007           Intangible assets, net         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         8         25,80,632         \$ 71,666,533           Liabilities and Stockholders' Equity	Cash and cash equivalents	\$	7,440,030	\$ 36,080,392
Prepaid expenses and other current assets         1.355,949         1.250,331           Total current assets         10,655,488         39,742,575           Property and equipment, net         3,457,531         4,011,748           Finance lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets, net         7,443,074         14,530,007           Intangible assets, net         7,4430,974         14,530,007           Strategic inventory         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         495,629         551,794           Current liabilities         1,087,654         1,621,788           Accrued compensation and benefits         1,087,654         1,621,788           Accrued liabilities         3,364         43,150           Short-term ones payable         7,023,901         14,519,113           Short-term finance lease liabilities         3,364         439,792           Total current liabilities         3,644         43,150           Short-term finance lease liabilities         3,644         439,792           Total current liabilities         2,	Accounts receivable, net		514,372	1,172,396
Total current assets         10,655,488         39,742,575           Property and equipment, net         3,457,531         4,011,748           Finance lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets         1,476,896         1,814,396           Goodwil         -         -         7,453,007           Intangible assets, net         7,440,974         14,530,209           Strategic inventory         2,300,614         3,472,337           Other noncurrent assets         495,529         551,794           Total assets         \$         25,830,632         \$           Current liabilities         1,097,654         1,621,788           Accound spayable         \$         420,821         \$         1,307,081           Accrued abilities         1,097,654         1,621,788         443,150           Short-term notes payable         \$         42,061         -           Accrued abilities         3,364         43,150         3,564         43,150           Short-term notes payable         \$         7,023,901         14,519,113           Short-term finance lease liabilities         3,364         43,150         3,564         429,929           Short-term inance lease li	Inventory, net		1,345,137	1,239,456
Property and equipment, net         3,457,531         4,011,748           Finance lease right-of-use assets, net         3,500         90,467           Operating lease right-of-use assets         1,476,896         1,814,396           Goodwill         -         7,453,007           Intangible assets, net         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         § 25,830,632         § 71,666,533           Liabilities and Stockholders' Equity         -         -           Current liabilities         1,927,654         1,621,788           Accured compensation and benefits         1,926,620         1,965,845           Deferred revenue         142,061         -           Short-term notes payable         70,23,901         14,519,113           Short-term notes payable         3,364         43,150           Short-term otes payable         3,364         43,150           Short-term otes payable         3,646         7,176,251           Short-term otes payable         3,84470         2,859           Long-term fiabilities         2,844,70         2,859           Long-term tiabilities         2,844,70         2,977,402           Derivative liabilitities<	Prepaid expenses and other current assets		1,355,949	1,250,331
Finance lease right-of-use assets, net       3,500       90,467         Operating lease right-of-use assets       1,476,896       1,814,396         Goodwill       –       7,450,007         Intangible assets, net       7,440,974       14,530,209         Strategic inventory       2,300,614       3,472,337         Other noncurrent assets       495,629       551,794         Total assets       8       25,830,632       8       71,666,533         Liabilities and Stockholders' Equity       –       –       7,654,533         Current liabilities       1,097,654       1,621,788       Accrued compensation and benefits       1,097,654       1,621,788         Accrued liabilities       1,926,204       1,966,845       1,967,649       1,421,610       –         Short-term notes payable       7,023,901       14,519,113       1,503,504       43,150       1,506,204       1,965,845         Deferred revenue       10,590,385       19,991,6769       3,564       43,150       1,502,504       43,572         Total current liabilities       3,564       43,150       1,526,204       1,959,385       1,991,67,69         Note payable       7,023,901       14,519,113       3,564       43,572       3,564       43,572	Total current assets		10,655,488	 39,742,575
Operating lease right-of-use assets         1,476,896         1,814,396           Goodwill         —         7,453,007           Intangible assets, net         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         §         25,830,632         \$         71,666,533           Liabilities and Stockholders' Equity	Property and equipment, net		3,457,531	4,011,748
Goodwill         —         7,453,007           Intangible assets, net         7,440,974         14,530,293           Strategic inventory         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         \$         25,830,632         \$         71,666,533           Liabilities and Stockholders' Equity         Current liabilities         1,097,654         1,621,788           Accrued liabilities         1,1526,204         1,965,845         1,965,845           Deferred revenue         1,42,061            Short-term notes payable         3,364         43,170,311           Short-term operating lease liabilities         3,364         43,150           Short-term operating lease liabilities         3,364         43,150           Short-term operating lease liabilities         3,364         43,150           Short-term operating lease liabilities         3,76,380         459,792           Total current liabilities         99,498         228,589           Long-term operating lease liabilities         99,498         228,589           Long-term operating lease liabilities         2,584,470         2,977,402           Other long term liabilities         1,202,1 espectively        <	Finance lease right-of-use assets, net		3,500	90,467
Intangible assets, net         7,440,974         14,530,209           Strategic inventory         2,300,614         3,472,337           Other noncurrent assets         495,629         551,794           Total assets         § 25,830,632         § 71,666,533           Liabilities and Stockholders' Equity             Current liabilities         1,097,654         1,621,788           Accrued compensation and benefits         1,097,654         1,621,788           Accrued liabilities         1,526,204         1,965,845           Deferred revenue         1,223,901         14,519,113           Short-term notes payable         7,023,901         14,519,113           Short-term notes payable         3,364         433,150           Short-term operating lease liabilities         3,364         435,150           Short-term operating lease liabilities         3,364         459,792           Total current liabilities         9,9498         228,589           Long-term finance lease liabilities         2,584,470         2,977,402           Other long term liabilities         2,584,470         2,977,402           Other long term liabilities         3,022,281         30,444,578           Total liabilities         2,222,183         146,798	Operating lease right-of-use assets		1,476,896	1,814,396
Strategic inventory         2,300,614         3,472,337           Other noncurrent assets         495,629         551,734           Itabilities and Stockholders' Equity         \$         25,830,632         \$         71,666,533           Current liabilities          1,097,654         1,621,788           Accrued compensation and benefits         1,097,654         1,621,788           Accrued liabilities         1,526,204         1,965,845           Deferred revenue         142,061         -           Short-term finance lease liabilities         3,364         43,150           Short-term operating lease liabilities         2,376,380         459,792           Total current liabilities         2,800,835         19,916,769           Note payable         48,50,686         7,176,251           Derivative liabilities         2,84,470         2,977,402           Other long term liabilities         2,84,470         2,977,402	Goodwill		—	
Other noncurrent assets         495,629         551,794           Total assets         S         25,830,632         S         71,666,533           Liabilities         Current liabilities             Accounts payable         \$         420,821         \$         1,307,081           Accounts payable         \$         420,81         \$         1,307,081           Accounts payable         \$         420,81         \$         1,307,081           Deferred revenue         142,061         -         -           Short-term notes payable         7,023,901         14,519,113           Short-term operating lease liabilities         3,364         43,150           Short-term operating lease liabilities         99,498         228,589           Oute payable         48,850,686         7,176,251           Derivative liabilities         280         36,444           Long-term finance lease liabilities         280         36,444			7,440,974	
Total assets         5         25,830,632         5         71,666,533           Liabilities and Stockholders' Equity	Strategic inventory		2,300,614	3,472,337
Liabilities and Stockholders' Equity         11000000           Current liabilities         \$         420,821         \$         1,307,081           Accounts payable         \$         420,821         \$         1,307,081           Accrued compensation and benefits         1,097,654         1,621,788         1,622,6204         1,955,845           Deferred revenue         142,061           Short-term notes payable         3,364         43,150           Short-term operating lease liabilities         3,364         43,150         3364         43,150           Short-term operating lease liabilities         376,330         459,792         48,50,686         7,176,251           Derivative liabilities         280         3,644         228,589         208,584,470         2,977,402           Ong-term finance lease liabilities         280         3,644         2,977,402         3,644           Long-term operating lease liabilities         280         3,644         2,977,402         3,644           Long-term liabilities         18,254,687         30,449,453         30,449,453         30,449,453           Stockholders' equity         -         -         -         -         -           Prefered stock, S0.01 par value; 10,000,000 shares authorized;	Other noncurrent assets		495,629	551,794
Current liabilities         S         420,821         \$         1,307,081           Accrued compensation and benefits         1,097,654         1,621,788         1,026,204         1,965,845           Deferred revenue         142,061         —         —         —           Short-term notes payable         7,023,901         14,519,113         Short-term finance lease liabilities         3,364         43,150           Short-term finance lease liabilities         376,380         459,792         376,380         459,792           Total current liabilities         10,590,385         19,916,769         364         43,150           Note payable         4,850,686         7,176,251         99,498         228,589           Long-term operating lease liabilities         280         3,644         2,974,402           Other long term liabilities         2,844,70         2,977,402         0,464,798           Total liabilities         2,9368         146,798         30,449,453         30,449,453           Stockholders' equity         —         —         —         —           Preferred stock, \$0,01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively         —         —         —           Common stock, \$0,01 par value; 10,000,0000 shares authoriz	Total assets	\$	25,830,632	\$ 71,666,533
Accounts payable       \$ 420,821       \$ 1,307,081         Accrued compensation and benefits       1,097,654       1,621,788         Accrued liabilities       1,526,204       1,965,845         Deferred revenue       142,061          Short-term notes payable       7,023,901       14,519,113         Short-term operating lease liabilities       3,364       433,150         Short-term operating lease liabilities       3,364       459,792         Total current liabilities       10,590,385       19,916,769         Note payable       4,850,686       7,176,251         Derivative liabilities       99,498       228,589         Long-term finance lease liabilities       280       3,644         Long-term finance lease liabilities       280       3,644         Long-term operating lease liabilities       280       3,644         Long-term diperating lease liabilities       28,077,402       2,977,402         Other long term liabilities       129,368       146,798         Total liabilities       129,368       146,798         Stockholders' equity	Liabilities and Stockholders' Equity			
Accrued compensation and benefits       1,097,654       1,621,788         Accrued liabilities       1,526,204       1,965,845         Deferred revenue       142,061          Short-term notes payable       7,023,901       14,519,113         Short-term notes payable       3,364       43,150         Short-term operating lease liabilities       3364       459,792         Total current liabilities       376,380       459,792         Total current liabilities       376,380       459,792         Note payable       4,850,686       7,176,251         Derivative liabilities       99,498       228,589         Long-term finance lease liabilities       280       3,644         Long-term inance lease liabilities       2,804,700       2,977,402         Other long term liabilities       129,368       146,798         Total liabilities       2,804,700       2,977,402         Other long term liabilities       129,368       146,798         Total liabilities       2,804,700       2,977,402         Other long term liabilities       30,449,453       30,449,453         Stockholders' equity	Current liabilities			
Accrued liabilities       1,526,204       1,965,845         Deferred revenue       142,061          Short-term notes payable       7,023,901       14,519,113         Short-term operating lease liabilities       3,364       43,150         Short-term operating lease liabilities       376,380       459,792         Total current liabilities       10,590,385       19,916,769         Note payable       4,850,686       7,176,251         Derivative liabilities       99,498       228,589         Long-term finance lease liabilities       280       3,644         Long-term liabilities       2,884,470       2,977,402         Other long term liabilities       129,368       146,798         Total liabilities       18,254,687       30,449,453         Stockholders' equity           Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively           Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022, and       28,999       23,225         Additional paid-in capital       281,167,160       276,149,768         Accumulated deficit       (272,824,381)       (235,541,539)		\$	420,821	\$ 1,307,081
Deferred revenue         142,061            Short-term notes payable         7,023,901         14,519,113           Short-term finance lease liabilities         3,364         43,150           Short-term operating lease liabilities         3,364         459,792           Total current liabilities         10,590,385         19,916,769           Note payable         4,850,686         7,176,251           Derivative liabilities         99,498         228,589           Long-term operating lease liabilities         280         3,644           Long-term operating lease liabilities         2,584,470         2,977,402           Other long term liabilities         129,368         146,798           Total liabilities         18,254,687         30,449,453           Stockholders' equity         -         -           Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively         -         -           Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and	Accrued compensation and benefits		1,097,654	1,621,788
Short-term notes payable       7,023,901       14,519,113         Short-term finance lease liabilities       3,364       43,150         Short-term operating lease liabilities       376,380       459,792         Total current liabilities       10,590,385       19,916,769         Note payable       4,850,686       7,176,251         Derivative liabilities       99,498       228,589         Long-term finance lease liabilities       280       3,644         Long-term operating lease liabilities       2,584,470       2,977,404         Other long term liabilities       129,368       146,798         Total liabilities       129,368       146,798         Total liabilities       2,584,470       2,977,404         Other long term liabilities       129,368       146,798         Total liabilities       129,368       146,798         Total liabilities       129,368       146,798         Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively       —       —         Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2024, respecti			1,526,204	1,965,845
Short-term finance lease liabilities3,36443,150Short-term operating lease liabilities376,380459,792Total current liabilities10,590,38519,916,769Note payable4,850,6867,176,251Derivative liabilities99,498228,589Long-term finance lease liabilities2803,644Long-term operating lease liabilities2803,644Conter long term liabilities2,584,4702,977,402Other long term liabilities129,368146,798Total liabilities18,254,68730,449,453Stockholders' equity——Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively——Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Deferred revenue		142,061	—
Short-term operating lease liabilities         376,380         459,792           Total current liabilities         10,590,385         19,916,769           Note payable         4,850,686         7,176,251           Derivative liabilities         99,498         228,589           Long-term finance lease liabilities         280         3,644           Long-term operating lease liabilities         2,584,470         2,977,402           Other long term liabilities         129,368         146,798           Total liabilities         18,254,687         30,449,453           Stockholders' equity         -         -           Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectively         -         -           Common stock, \$0.01 par value; 100,000, shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022 and 2,322,512 shares issued and outstanding at December 31, 2022	Short-term notes payable		7,023,901	14,519,113
Total current liabilities         10,590,385         19,916,769           Note payable         4,850,686         7,176,251           Derivative liabilities         99,498         228,589           Long-term finance lease liabilities         280         3,644           Long-term operating lease liabilities         2,584,470         2,977,402           Other long term liabilities         129,368         146,798           Total liabilities         129,368         146,798           Total liabilities         18,254,687         30,449,453           Stockholders' equity         -         -           Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectively         -         -           Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively         -         -           Additional paid-in capital         281,167,160         276,149,768           Accumulated deficit         (272,824,381)         (235,541,539)			3,364	43,150
Note payable         4,850,686         7,176,251           Derivative liabilities         99,498         228,589           Long-term finance lease liabilities         280         3,644           Long-term operating lease liabilities         2,584,470         2,977,402           Other long term liabilities         129,368         146,798           Total liabilities         18,254,687         30,449,453           Stockholders' equity         1         1           Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2021, respectively         —         —           Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2024 and December 31, 2025 and 0,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2023, respectively         —         —           Additional paid-in capital         28,999         23,225         23,167,160         276,149,768           Accumulated deficit         (272,824,381)         (235,541,539)         235,541,539         235,541,539         235,541,539	Short-term operating lease liabilities		376,380	459,792
Derivative liabilities99,498228,589Long-term finance lease liabilities2803,644Long-term operating lease liabilities2,584,4702,977,402Other long term liabilities129,368146,798Total liabilities18,254,68730,449,453Stockholders' equityPreferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectivelyCommon stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Total current liabilities		10,590,385	 19,916,769
Long-term finance lease liabilities2803,644Long-term operating lease liabilities2,584,4702,977,402Other long term liabilities129,368146,798Total liabilities18,254,68730,449,453Stockholders' equityPreferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectivelyCommon stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Note payable		4,850,686	7,176,251
Long-term operating lease liabilities2,584,4702,977,402Other long term liabilities129,368146,798Total liabilities18,254,68730,449,453Stockholders' equityPreferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectivelyCommon stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Derivative liabilities		99,498	228,589
Other long term liabilities129,368146,798Total liabilities18,254,68730,449,453Stockholders' equityPreferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectivelyCommon stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Long-term finance lease liabilities		280	3,644
Total liabilities18,254,68730,449,453Stockholders' equityPreferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectively——Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)			2,584,470	2,977,402
Stockholders' equity55,715,765Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectively—Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively—28,99923,225Additional paid-in capital281,167,160Accumulated deficit(272,824,381)(235,541,539)			129,368	146,798
Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and outstanding at December 31, 2022 and December 31, 2021, respectively——Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Total liabilities		18,254,687	30,449,453
outstanding at December 31, 2022 and December 31, 2021, respectively——Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and 2,322,512 shares issued and outstanding at December 31, 2022 and December 31, 2021, respectively28,99923,225Additional paid-in capital281,167,160276,149,768Accumulated deficit(272,824,381)(235,541,539)	Stockholders' equity			
Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and       -         2,322,512 shares issued and outstanding at December 31, 2022 and       -         December 31, 2021, respectively       28,999       23,225         Additional paid-in capital       281,167,160       276,149,768         Accumulated deficit       (272,824,381)       (235,541,539)	Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and			
2,322,512 shares issued and outstanding at December 31, 2022 and       28,999       23,225         December 31, 2021, respectively       28,999       23,225         Additional paid-in capital       281,167,160       276,149,768         Accumulated deficit       (272,824,381)       (235,541,539)	outstanding at December 31, 2022 and December 31, 2021, respectively		_	_
December 31, 2021, respectively         28,999         23,225           Additional paid-in capital         281,167,160         276,149,768           Accumulated deficit         (272,824,381)         (235,541,539)	Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and			
Additional paid-in capital     281,167,160     276,149,768       Accumulated deficit     (272,824,381)     (235,541,539)	2,322,512 shares issued and outstanding at December 31, 2022 and			
Accumulated deficit (272,824,381) (235,541,539)	December 31, 2021, respectively		28,999	23,225
	Additional paid-in capital			
Accumulated other comprehensive (loss)/income (795,833) 585,626			(272,824,381)	(235,541,539)
	Accumulated other comprehensive (loss)/income		(795,833)	 585,626

# OpGen, Inc. Consolidated Statements of Operations and Comprehensive Loss (unaudited)

	Three Months Ended December 31,			Year Ended December 31,				
	2022		2021		2022			2021
Revenue								
Product sales	\$	279,427	\$	1,177,399	\$	1,893,862	\$	2,656,669
Laboratory services		78,118		169,608		172,633		813,210
Collaboration revenue		364,085		78,561		540,798		836,152
Total revenue		721,630		1,425,568		2,607,293	_	4,306,031
Operating expenses								
Cost of products sold		495,009		750,896		3,319,586		2,295,828
Cost of services		40,955		106,388		104,405		552,620
Research and development, net		1,552,125		2,855,295		8,173,435		10,910,679
General and administrative		2,103,921		2,491,825		8,883,694		9,935,963
Sales and marketing		1,092,379		1,007,885		4,344,656		3,713,263
Impairment of right-of-use asset								170,714
Goodwill impairment charge		5,372,729		—		12,348,249		—
Total operating expenses		10,657,118		7,212,289		37,174,025		27,579,067
Operating loss		(9,935,488)		(5,786,721)		(34,566,732)		(23,273,036)
Other expense								
Gain on extinguishment of debt								259,353
Warrant inducement expense		—		—		—		(7,755,541)
Interest and other income, net		18,790		3,708		46,937		45,179
Interest expense		(637,611)		(1,213,313)		(3,256,410)		(4,799,331)
Foreign currency transaction gains		(39,538)		235,449		379,622		891,223
Change in fair value of derivative financial instruments		59,118		(7,159)		113,741		(129,731)
Total other expense		(599,241)		(981,315)		(2,716,110)		(11,488,848)
Loss before income taxes		(10,534,729)		(6,768,036)		(37,282,842)		(34,761,884)
Provision for income taxes				43,828				43,828
Net loss	\$	(10,534,729)	\$	(6,811,864)	\$	(37,282,842)	\$	(34,805,712)
Deemed dividend on beneficial conversion feature	\$	—	\$	(7,166,752)	\$	—	\$	(7,166,752)
Net loss available to common stockholders	\$	(10,534,729)	\$	(13,978,616)	\$	(37,282,842)	\$	(41,972,464)
Basic and diluted net loss per share attributable to common stockholders	\$	(3.87)	\$	(6.91)	\$	(15.27)	\$	(22.89)
Weighted average shares outstanding - basic and diluted		2,720,574	_	2,022,240		2,441,580		1,833,704
Net loss	\$	(10,534,729)	\$	(6,811,864)	\$	(37,282,842)	\$	(34,805,712)
Other comprehensive loss - foreign currency translation		866,290		(815,201)	_	(1,381,459)		(1,961,556)
Comprehensive loss	\$	(9,668,439)	\$	(7,627,065)	\$	(38,664,301)	\$	(36,767,268)



### OpGen Reports Fourth Quarter and Full Year 2022 Financial Results and Provides Business Update

- Total revenue for 2022 was approximately \$2.6 million
- Balance sheet strengthened by recently closed public offering with gross proceeds of \$7.5 million
- · Conference call to be held March 29, 2023 at 4:30 p.m. ET

ROCKVILLE, Md., March 30, 2023 (GLOBE NEWSWIRE) -- OpGen, Inc. (Nasdaq: OPGN, "OpGen" or "the Company"), a precision medicine company harnessing the power of molecular diagnostics and bioinformatics to help combat infectious disease, reported today its fourth quarter 2022 and full-year 2022 financial and operating results and provided a business update.

OpGen's revenue for the fourth quarter of 2022 was approximately \$722 thousand. Its total revenue for 2022 was approximately \$2.6 million which was in line with the Company's most recent guidance.

"Overall, in 2022 there were several business advancements for OpGen with the completion of a successful UTI clinical trial and initial commercial contracts for our Acuitas AMR Gene Panel in the U.S.," said Oliver Schacht, President & CEO of OpGen. "We believe recent milestones, as well as upcoming near-term catalysts and continued commercialization of approved products put OpGen in a good position to increase revenues."

Mr. Schacht continued, "As we proceed through 2023, we expect several announcements including commercialization of our Alpowered NGS-based ARESiss services in the U.S., ARESdb expansion, finalizing our Unyvero A50 UTI FDA submission, exploring multiple collaboration and non-dilutive financing opportunities, and updates regarding a recently initiated strategic corporate business development campaign in China for our Unyvero A30 platform."

### Fourth Quarter and Full Year 2022 Financial Results of OpGen, Inc.

- Fourth quarter revenue for 2022 was approximately \$722 thousand, compared with approximately \$1.4 million in the fourth quarter of 2021. Our fourth quarter revenues, however, represent a 61% increase over our third quarter 2022 revenues of \$449 thousand. For the twelve months ended December 31, 2022, total revenue was approximately \$2.6 million compared to the twelve months ended December 31, 2021 of approximately \$4.3 million, which was in line with OpGen's most recent guidance.
- Total operating expenses in the fourth quarter of 2022 were \$10.7 million compared to \$7.2 million for the same quarter in 2021. This includes a one-time non-cash accounting charge for the impairment of the Company's in-process R&D (IPR&D) indefinite-lived intangible asset of \$5.4 million. For the twelve months ended December 31, 2022, operating expenses amounted to \$37.2 million, compared to \$27.6 million in 2021. The full year numbers include the impairment of both goodwill as well as IPR&D totaling \$12.3 million.
- Cash and cash equivalents as of December 31, 2022 were approximately \$7.4 million, a decrease compared to the balance at December 31, 2021 of \$36.1 million.

In reporting OpGen's fourth quarter and full year financials for 2022, Albert Weber, OpGen's Chief Financial Officer (CFO), said, "In 2022, our operating expenses remained in line with our initial expectations and tracked well against our guidance for yearly net cash consumption. We reduced our R&D expenses significantly and also reduced our general administrative expenses. We started growing our sales and marketing expenses in line with the planned shift to more commercial operations, with a clear focus on the U.S. market."

"Compared to the third quarter of 2022, we achieved a 61% increase in revenue during the final quarter of 2022," said Mr. Weber. "This increase was primarily due to the revenue generated from the FIND collaboration project, Unyvero product sales and revenue we received from our Acuitas AMR Gene Panel commercial contracts." He continued, "while we experienced an overall revenue decline from 2021 to 2022, due to the termination of the FISH product line and the one-off non-exclusive sale of a portion of the ARES database, both in 2021, we are working towards increasing product sales across all platforms (i.e. Unyvero, Acuitas and ARES) in 2023."

OpGen's management believes that, given the abrupt change by the Chinese government in the first quarter of 2023 on their zero COVID policy, there is now a realistic opportunity for OpGen's local partner, Beijing Clear Biotech, to initiate the outstanding clinical study in China for the Unyvero pneumonia product, thereby adding to the upcoming catalysts for OpGen in 2023.

The Company announced reaching the following key milestones, as well as recent developments in the fourth quarter of 2022 and into 2023 to date:

- On the commercial front, subsidiary Ares Genetics (Ares), announced a successful move to a new Vienna location and received a key patent grant in China. Ares also received the first commercial customer orders in the U.S., with revenue generation expecting to commence in the first quarter of 2023.
- With significant 28% growth in the number of datasets in the ARESdb database in the first quarter of 2023, Ares is well positioned to continue executing on plans to expand and improve the menu of its accurate AI models to predict antibiotic susceptibility from genomic data.
- Based on the final data read-out from the Unyvero UTI Panel's clinical trial in the U.S., OpGen is now in the process of finalizing the FDA submission package, aiming for an imminent submission of the *De Novo* classification request early in the second quarter of 2023.
- At the beginning of 2023, we announced that we achieved several key milestones under our Unyvero A30 platform collaboration with the Foundation for Innovative New Diagnostics (FIND) in December 2022, which triggered a EUR 200 thousand milestone payment received in the first quarter of 2023. Data on the final milestone deliverables under the initial contract is expected in the near term. Conditional on such successful milestone achievements, we believe there is great potential for future collaboration opportunities with FIND. Discussions have already commenced for a follow-on deal that would cover product development steps, including clinical trials and regulatory filings, as well as manufacturing scale up and preparation for launch of the Unyvero A30 in certain low- and middle-income countries.

On the Unyvero A30 platform front, the focus is on non-dilutive partnership opportunities with other non-governmental
organizations similar to FIND as well as U.S. government entities that offer funding opportunities. We have also teamed
up with a strategic advisory firm to support a Unyvero A30 specific corporate business development campaign in China
where there is an attractive opportunity for us to partner with and possibly license or monetize the A30 platform.

As part of OpGen's 2023 initiatives, Mr. Schacht commented, "we expect future growth in the commercial roll out of Unyvero products and the Acuitas AMR Gene Panel. We have focused on expanding and progressing our commercial pipeline for the AMR Gene Panel as well as Unyvero LRT and UTI and we are engaging in several ongoing discussions with hospitals. In the post-COVID fourth quarter of 2022 and into the first quarter of 2023, we have seen that hospitals have a significant backlog of investment needs and are taking longer than pre-COVID to complete contracts. Nonetheless, OpGen has multiple contracts for Unyvero and Acuitas that we believe are in final review with purchasing departments at several hospitals."

In terms of guidance for 2023, OpGen expects to:

- have a net cash consumption of around \$4.5 to \$5 million per quarter from its current operations;
- maintain an active dialog with the European Investment Bank (EIB) regarding the potential to restructure the second tranche of its loan with a principal amount of EUR 3 million, plus accumulated and deferred interest, which becomes due at the end of June 2023;
- pursue significant revenue growth opportunities, especially with Unyvero product sales and with ARESiss services, both in the U.S. and internationally;
- see global revenues from our products, services and collaborations for 2023 to be in a range of approximately \$4 to \$5 million;
- actively pursue the commercial opportunities in our funnel, which includes proposals that we believe are currently in the final review and negotiation stages, clearly indicating significant revenue growth potential for OpGen; and
- following the upcoming regulatory submission of the Unyvero UTI product to the FDA based on the final UTI clinical trial data read-out, expect to enter interactive review with the FDA towards a clearance decision on the De Novo classification request.

## **Conference Call Information**

OpGen's management will host a conference call today, March 29<sup>th</sup> at 4:30 p.m. EDT, to discuss the fourth quarter and full-year 2022 financial results and other business activities, as well as answer questions. Dial-in information is below:

## **Conference Call Details**

- · U.S. Dial-in Number: 1-877-704-4453
- · International Dial-in Number:1-201-389-0920
- · Webcast: https://viavid.webcasts.com/starthere.jsp?ei=1595064&tp\_key=d21054e901
- Conference ID: 13735798

### **Replay Details**

- · U.S. Dial-in Number: 1-844-512-2921
- · International Dial-in Number:1-412-317-6671
- · Replay PIN: 13735798

Following the conclusion of the conference call, a replay will be available through April 12, 2023. The live, listen-only webcast of the conference call may also be accessed by visiting the Investors section of the Company's website at www.opgen.com. A replay of the webcast will be available following the conclusion of the call and will be archived on the Company's website under Financials & Filings.

## About OpGen, Inc.

OpGen, Inc. (Rockville, Md., U.S.A.) is a precision medicine company harnessing the power of molecular diagnostics and bioinformatics to help combat infectious disease. Along with our subsidiaries, Curetis GmbH and Ares Genetics GmbH, we are developing and commercializing molecular microbiology solutions helping to guide clinicians with more rapid and actionable information about life threatening infections to improve patient outcomes, and decrease the spread of infections caused by multidrug-resistant microorganisms, or MDROs. OpGen's current product portfolio includes Unyvero, Acuitas AMR Gene Panel, and the ARES Technology Platform including ARESdb, NGS technology and AI-powered bioinformatics solutions for antibiotic response prediction including ARESiss, ARESid, ARESasp, and AREScloud, as well as the Curetis CE-IVD-marked PCR-based SARS-CoV-2 test kit.

For more information, please visit www.opgen.com.

## **Forward-Looking Statements**

This press release includes statements regarding the fourth guarter 2022 and full year 2022 financials of OpGen and the current business of OpGen. These statements and other statements regarding OpGen's future plans and goals constitute "forwardlooking statements" within the meaning of Section 27A of the Securities Act of 1933 and Section 21E of the Securities Exchange Act of 1934 and are intended to qualify for the safe harbor from liability established by the Private Securities Litigation Reform Act of 1995. Such statements are subject to risks and uncertainties that are often difficult to predict, are beyond our control, and which may cause results to differ materially from expectations. Factors that could cause our results to differ materially from those described include, but are not limited to, the success of our commercialization efforts, our ability to successfully, timely and costeffectively develop, seek and obtain regulatory clearance for and commercialize our product and services offerings, the rate of adoption of our products and services by hospitals and other healthcare providers, the fact that we may not effectively use proceeds from recent financings, the continued impact of COVID-19 on the Company's operations, financial results, and commercialization efforts as well as on capital markets and general economic conditions, our ability to satisfy debt obligations under our loan with the European Investment Bank, the effect of the military action in Russia and Ukraine on our distributors, collaborators and service providers, our liquidity and working capital requirements, the effect on our business of existing and new regulatory requirements, our ability to realize any anticipated benefits from the reverse stock split, including maintaining its listing on the Nasdaq Capital Market and attracting new investors, and other economic and competitive factors. For a discussion of the most significant risks and uncertainties associated with OpGen's business, please review our filings with the Securities and Exchange Commission. You are cautioned not to place undue reliance on these forward-looking statements, which are based on our expectations as of the date of this press release and speak only as of the date of this press release. We undertake no obligation to publicly update or revise any forward-looking statement, whether as a result of new information, future events or otherwise.

**OpGen:** Oliver Schacht President and CEO InvestorRelations@opgen.com

**OpGen Investor & Press Contact:** Alyssa Factor **Edison Group** afactor@edisongroup.com

# OpGen, Inc. Consolidated Balance Sheets (unaudited)

		2022	2021		
Assets					
Current assets					
Cash and cash equivalents	\$	7,440,030	\$	36,080,392	
Accounts receivable, net		514,372		1,172,396	
Inventory, net		1,345,137		1,239,456	
Prepaid expenses and other current assets		1,355,949		1,250,331	
Total current assets		10,655,488		39,742,575	
Property and equipment, net		3,457,531		4,011,748	
Finance lease right-of-use assets, net		3,500		90,467	
Operating lease right-of-use assets		1,459,413		1,814,396	
Goodwill		_		7,453,007	
Intangible assets, net		7,440,974		14,530,209	
Strategic inventory		2,300,614		3,472,337	
Other noncurrent assets		495,629		551,794	
Total assets	\$	25,813,149	\$	71,666,533	
Liabilities and Stockholders' Equity					
Current liabilities					
Accounts payable	\$	420,821	\$	1,307,081	
Accrued compensation and benefits		1,097,654		1,621,788	
Accrued liabilities		1,526,204		1,965,845	
Deferred revenue		142,061		_	
Short-term notes payable		7,023,901		14,519,113	
Short-term finance lease liabilities		3,364		43,150	
Short-term operating lease liabilities		377,626		459,792	
Total current liabilities		10,591,631		19,916,769	
Note payable		4,850,686		7,176,251	
Derivative liabilities		99,498		228,589	
Long-term finance lease liabilities		280		3,644	
Long-term operating lease liabilities		2,566,138		2,977,402	
Other long-term liabilities		129,368		146,798	
Total liabilities		18,237,601		30,449,453	
Commitments and Contingencies (Note 9)					
Stockholders' equity					
Preferred stock, \$0.01 par value; 10,000,000 shares authorized; none issued and					
outstanding at December 31, 2022 and 2021, respectively				—	
Common stock, \$0.01 par value; 100,000,000 shares authorized; 2,899,911 and					
2,322,511 shares issued and outstanding at December 31, 2022 and 2021, respectively		28,999		23,225	
Additional paid-in capital		281,167,161		276,149,768	
Accumulated deficit		(272,824,772)		(235,541,539)	
Accumulated other comprehensive (loss) income		(795,840)		585,626	
Total stockholders' equity		7,575,548		41,217,080	
Total liabilities and stockholders' equity	\$	25,813,149	\$	71,666,533	
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### OpGen, Inc. Consolidated Statements of Operations and Comprehensive Loss (unaudited)

	Three Months Ended December 31, 2022 2021			Year Ended December 31, 2022 2021				
Revenue								
Product sales	\$	279,427	\$	1,177,399	\$	1,893,862	\$	2,656,669
Laboratory services		78,118		169,608		172,633		813,210
Collaboration revenue		364,085		78,561		540,798		836,152
Total revenue		721,630		1,425,568		2,607,293		4,306,031
Operating expenses								
Cost of products sold		495,009		750,896		3,319,586		2,295,828
Cost of services		40,955		106,388		104,405		552,620
Research and development, net		1,552,125		2,855,295		8,173,435		10,910,679
General and administrative		2,104,311		2,491,825		8,884,084		9,935,963
Sales and marketing		1,092,379		1,007,885		4,344,656		3,713,263
Impairment of right-of-use asset				—				170,714
Impairment of intangible assets		5,407,699		—		5,407,699		—
Goodwill impairment charge		(34,971)				6,940,549		
Total operating expenses		10,657,507		7,212,289		37,174,414		27,579,067
Operating loss		(9,935,877)		(5,786,721)		(34,567,121)		(23,273,036)
Other expense								
Gain on extinguishment of debt		—		—		—		259,353
Warrant inducement expense		—		—		_		(7,755,541)
Interest and other income, net		18,788		3,708		46,935		45,179
Interest expense		(637,611)		(1,213,313)		(3,256,410)		(4,799,331)
Foreign currency transaction (losses) gains		(39,538)		235,449		379,622		891,223
Change in fair value of derivative financial instruments		59,118		(7,159)		113,741		(129,731)
Total other expense		(599,243)		(981,315)		(2,716,112)		(11,488,848)
Loss before income taxes		(10,535,120)		(6,768,036)		(37,283,233)		(34,761,884)
Provision for income taxes				43,828			_	43,828
Net loss		(10,535,120)		(6,811,864)		(37,283,233)		(34,805,712)
Deemed dividend on beneficial conversion feature				(7,166,752)				(7,166,752)
Net loss available to common stockholders	\$	(10,535,120)	\$	(13,978,616)	\$	(37,283,233)	\$	(41,972,464)
Basic and diluted net loss per share attributable to common stockholders	\$	(3.87)	\$	(6.91)	\$	(15.27)	\$	(22.89)
Weighted average shares outstanding - basic and diluted		2,720,574		2,022,240		2,441,580		1,833,704
Net loss	\$	(10,535,120)	\$	(6,811,864)	\$	(37,283,233)	\$	(34,805,712)
Other comprehensive loss - foreign currency translation		866,283		(815,201)		(1,381,466)		(1,961,556)
Comprehensive loss	\$	(9,668,837)	\$	(7,627,065)	\$	(38,664,699)	\$	(36,767,268)