

CHARTER OF THE COMPENSATION COMMITTEE OF THE BOARD OF DIRECTORS OF OPGEN, INC.

This Compensation Committee Charter was adopted by the Board of Directors (the “Board”) of OpGen, Inc., a Delaware corporation (the “Company”), effective as of May 10, 2023.

I. Authority and Composition

The Compensation Committee (the “Committee”) is established pursuant to Article III, Section 3.12 of the Bylaws of OpGen, Inc. (“OpGen” or the “Company”). Committee members are appointed annually by the Board of Directors of the Company (the “Board”), and may be replaced by the Board. The Committee must consist of at least two directors, each of whom shall meet the independence requirements of the NASDAQ Corporate Governance Rules (subject to any applicable transition periods or exceptions permitted under NASDAQ requirements) and the standards of independence prescribed by NASDAQ and/or for purposes of any federal securities, tax or other laws relating to the Committee’s duties and responsibilities, including Section 162(m) of the Internal Revenue Code. Without limiting the foregoing, to be considered as independent, the Board of Directors will consider all relevant factors, including (a) the source of compensation of the director, including any consulting, advisory or other compensatory fee paid by, or on behalf of, the Company, and (b) whether the director is affiliated with the Company, any subsidiary of the Company or any affiliate of a subsidiary of the Company.

The Board of Directors shall appoint a Chair of the Committee. The Committee may also appoint a Secretary, who need not be a director.

This Charter may be amended only by the Board of Directors.

II. Purposes of the Committee

The primary purposes of the Committee are to: (i) develop recommendations for the Board with respect to the compensation of the Company’s Chief Executive Officer (the “CEO”) and non-employee directors; (ii) discharge the responsibilities of the Board relating to the approval of the compensation of the Company’s executive officers, other than the CEO; (iii) make determinations with respect to the compensation programs and policies of the Company; (iv) review and discuss with the Company’s management, the Compensation Discussion and Analysis (the “CD&A”) and other Committee or executive compensation disclosures to be included in the Company’s annual proxy statement and/or annual report on Form 10-K, and determine whether to recommend to the Board of Directors that the CD&A be included in the proxy statement and/or annual report on Form 10-K, as applicable; and (v) provide the Compensation Committee Report for inclusion in the Company’s annual proxy statement and/or annual report on Form 10-K that complies with the rules and regulations of the Securities and Exchange Commission (the “SEC”), as applicable.

III. Meetings

The Committee shall meet as often as deemed necessary or appropriate, in its judgment, to discharge its duties and responsibilities, but, in any event, shall meet at least quarterly. Meetings of the Committee may be held in-person or via telephonic conference, and at such times and places as the Committee determines. A majority of the members constitute a quorum. If a quorum is present, a majority of the members present shall decide any matter brought before the Committee. Any member of the Committee may call a meeting of the Committee upon due notice

to each other member at least 48 hours prior to the meeting. Notice by electronic mail shall be sufficient notice.

The Committee may, in its discretion, invite other directors of the Company, members of the Company's management or any other person whose presence the Committee believes to be desirable and appropriate to attend meetings of the Committee.

The CEO may not be present during any portion of any meeting of the Committee during which matters relating to his or her own compensation are discussed, deliberated or voted upon.

The Committee shall maintain written minutes of its meetings and shall promptly inform the Board of the actions taken and matters discussed at its meetings. This will generally take place at the board meeting following a Committee meeting.

III. Duties and Responsibilities of the Committee

The following activities are set forth as a guide with the understanding that the Committee may diverge from this guide as it considers appropriate, subject to compliance with applicable NASDAQ, securities, tax and other legal and self-regulatory requirements. Although the Board may consider other duties from time to time, the Committee, to the extent it deems necessary or appropriate, will have the following responsibilities:

- A. The Committee shall annually review goals and objectives relevant to the CEO's compensation, evaluate the CEO's performance in light of those goals and objectives, determine the CEO's cash and equity-based compensation based on this evaluation, and recommend such goals, objectives and compensation to the Board of Directors for its approval. In determining any incentive component of the CEO's compensation, the Committee will consider appropriate factors, which may include the Company's performance and relative shareholder return, the achievement of the CEO's performance milestones, the value of similar incentive grants or awards to chief executive officers at comparable companies, the grants or awards given to the CEO in past years, and the results of the most recent stockholder advisory vote on executive compensation ("Say on Pay Vote") required by Section 14A of the Securities Exchange Act of 1934, as amended (the "Exchange Act"). The CEO may not be present for such discussions and determinations.
- B. The Committee shall annually review and approve the compensation of the Company's "executive officers" (as that term is defined in the regulations promulgated by the SEC and the NASDAQ Rules), other than the CEO. In making such compensation decisions, the Committee will take into account peer group practices and other appropriate factors, such as corporate and individual performance and historical compensation practices for such executive officers. The Committee will also take into account the results of the most recent Say on Pay Vote. The Committee will solicit the recommendations of the CEO in connection with the foregoing. The Committee will also provide general oversight of the Company's compensation and benefits plans, policies and programs that pertain to employees other than executive officers.
- C. The Committee shall annually review and recommend to the Board of Directors for its approval, the fees and equity compensation paid to the Company's non-employee directors, based on appropriate factors as determined by the Committee. Such review and recommendations shall ensure that no agreements or arrangements for providing professional or consulting services to OpGen or an affiliate or an individual officer of the Company or one of his or her affiliates are made with any director, immediate family members of a director or persons (including entities)

with an existing business or personal relationship with any director, without a full review and evaluation of potential conflicts of interest.

- D. The Committee shall have the sole authority to retain and terminate any compensation consultant to be used by the Committee or the Company to assist in the evaluation of the compensation of non-employee directors, the CEO or the other executive officers, shall have sole authority to approve such compensation consultant's fees and other retention terms, and shall have sole authority to oversee the work of such compensation consultant. In determining whether to engage a compensation consultant, the Committee shall consider the independence factors set forth in the NASDAQ Corporate Governance Rules. Management will advise the Committee of any compensation consultant to be retained with respect to other compensation matters in advance of such retention.
- E. The Committee shall periodically review and make recommendations to the Board with respect to incentive-compensation programs and equity-based plans, and shall periodically review and make recommendations to the Board with respect to the adoption of or material changes in material employee benefit, bonus, severance and other compensation plans of the Company. As appropriate in connection with this process, the Committee shall seek appropriate input from internal or external advisors and consider the results of the most recent Say on Pay Vote.
- F. The Committee shall determine the need for and the appropriateness of employment agreements and change in control agreements for each of the Company's executive officers and any other officers recommended by the CEO or the Board.
- G. The Committee shall determine and approve the options and other equity-based compensation to be granted to executive officers, other than the CEO; and shall recommend to the Board for approval options and other equity-based compensation to be granted to the CEO and non-employee directors. The Committee shall, in conjunction with the CEO, determine the issuance of options and other equity-based compensation under the Company's incentive compensation and other stock-based plans to all other officers and employees of the Company. The Committee may delegate the determination with respect to persons other than officers to the CEO but will approve the aggregate amount granted to all employees and all new hire grants. Any equity awards to the CEO shall be determined by the Committee and recommended to the Board for its review and approval.
- H. The Committee shall consider and may make recommends to the Board for approval regarding the frequency with which the Company will conduct Say on Pay Votes, taking into account the results of the most recent stockholder advisory vote on frequency of Say on Pay Votes required by Section 14A of the Exchange Act.
- I. The Committee shall perform such duties and responsibilities as may be assigned to the Committee by the Board and/or under the terms of any compensation plan of the Company.

The Committee shall:

- (a) Report regularly to the Board on its activities;
- (b) Maintain minutes of its meetings and records relating to those meetings and the Committee's activities;

- (c) Have authority to obtain, at the expense of the Company, advice and assistance from internal or external legal, consulting or other advisors;
- (d) Form and delegate authority to subcommittees of one or more Committee members when desired and appropriate;
- (e) Review and reassess the adequacy of this Charter annually and recommend to the Board any proposed changes to this Charter; and
- (f) Periodically review the Committee's own performance.

IV. General

In performing their responsibilities, Committee members are entitled to rely in good faith on information, opinions, reports or statements prepared or presented by:

- (a) One or more officers or employees of the Company whom the Committee member reasonably believes to be reliable and competent in the matters presented;
- (b) Counsel, independent auditors, or other persons as to matters which the Committee member reasonably believes to be within the professional or expert competence of such person; and
- (c) Other committees of the Board as to matters within their respective designated authority which committee the Committee member reasonably believes to merit confidence.

Effective Date: May 10, 2023