

GLOBEIMMUNE, INC.

CHARTER OF THE COMPENSATION COMMITTEE OF THE BOARD OF DIRECTORS

Approved by the Board of Directors on March 13, 2014

PURPOSE

The purpose of the Compensation Committee (the “Committee”) of the Board of Directors (the “Board”) of GlobeImmune, Inc. (the “Company”) shall be to act on behalf of the Board in fulfilling the Board’s responsibilities to oversee the Company’s compensation policies, plans and programs, and to review and determine the compensation to be paid to the Company’s executive officers and directors, as well as to review and discuss with management the Company’s disclosures contained under the caption “Compensation Discussion and Analysis” (“CD&A”) for use in any of the Company’s annual reports on Form 10-K, registration statements, proxy statements or information statements and to prepare and review the Committee report on executive compensation included in the Company’s annual proxy statement in accordance with applicable rules and regulations of the Securities and Exchange Commission (the “SEC”) in effect from time to time. The term “compensation” shall include salary, long-term incentives, bonuses, perquisites, equity incentives, severance arrangements, retirement benefits and other related benefits and benefit plans.

COMPOSITION

The Committee shall consist of at least two members of the Board of Directors. All members of the Committee shall satisfy (i) the independence requirements of The Nasdaq Stock Market (“Nasdaq”) applicable to compensation committee members, as in effect from time to time, when and as required by Nasdaq, including any exceptions permitted by these requirements, (ii) unless otherwise approved by the Board, the “non-employee director” standard within the meaning of Rule 16b-3 promulgated under the Securities Exchange Act of 1934, as amended from time to time (the “Exchange Act”), and (iii) unless otherwise approved by the Board, the “outside director” standard within the meaning of Section 162(m) of the Internal Revenue Code of 1986, as amended from time to time (the “Code”). The members of the Committee and the Committee chairperson shall be appointed by and serve at the discretion of the Board. Vacancies occurring on the Committee shall be filled by the Board on the recommendation of the Nominating and Corporate Governance Committee. The Committee’s chairperson shall be designated by the Board on the recommendation of the Nominating and Corporate Governance Committee.

MEETINGS AND MINUTES

The Committee shall hold such regular or special meetings as its members deem necessary or appropriate. Minutes of each meeting of the Committee shall be prepared and distributed to each director of the Company and the Secretary of the Company promptly after

each meeting. The Committee shall report to the Board from time to time and whenever requested to do so by the Board.

AUTHORITY

The approval of this Charter of the Compensation Committee by the Board of Directors shall be construed as a delegation of authority to the Committee with respect to the responsibilities set forth herein. Each member of the Committee shall have full access to all books, records, facilities and personnel of the Company as deemed necessary or appropriate by any member of the Committee to discharge his or her responsibilities hereunder, including human resources personnel preparing the CD&A. The Committee shall have authority, in its sole discretion, to retain, or obtain advice from, a compensation consultant, internal or outside legal counsel, accounting or other advisers or consultants it deems necessary or appropriate in carrying out its duties. The Committee shall have authority to determine appropriate compensation for any such adviser retained by the Committee, which reasonable compensation shall be funded by the Company. Other reasonable expenditures for external resources that the Committee deems necessary or appropriate in the performance of its duties are, unless prohibited by NASDAQ Listing Rules or applicable law, permitted.

The Committee may form and delegate authority to subcommittees as appropriate, including but not limited to (i) if deductibility of “performance-based” compensation under Section 162(m) of the Code is desired, a subcommittee composed of at least two members of the Committee who are “outside directors” under Section 162(m) (any such subcommittee, a “**Section 162(m) Committee**”) and (ii) to subcommittees as appropriate, including, but not limited to, a subcommittee composed of one or more members of the Board or officers of the Company to grant stock awards under the Company’s equity incentive plans to persons who are not (a) “Covered Employees” under Section 162(m) of the Code; (b) individuals with respect to whom the Company wishes to comply with Section 162(m) of the Code or (c) then subject to Section 16 of the Exchange Act. Delegation by the Committee to any subcommittee shall not limit or restrict the Committee on any matter so delegated, and any such action by the Committee shall not limit or restrict any future action by such subcommittee. The operation of the Committee shall be subject to the Bylaws of the Company as in effect from time to time and Section 141 of the Delaware General Corporation Law. The approval of this Compensation Committee Charter shall be construed as a delegation of authority to the Committee with respect to the responsibilities set forth herein.

In addition, notwithstanding the foregoing paragraph or any other provision in this charter, if deductibility of “performance-based” compensation under Section 162(m) of the Code is desired, only the Committee or a Section 162(m) Subcommittee shall approve compensation intended to qualify for the “performance-based compensation” exception of Section 162(m) (“**Section 162(m) Compensation**”). Approval of Section 162(m) Compensation shall include but not be limited to, the grant of stock options and the establishment, evaluation and certification of achievement of performance goals related to cash or equity compensation. Nothing in this charter requires the Committee to grant compensation that qualifies for the “performance-based compensation” exemption of Section 162(m). To the extent that any provision of this charter implicates Section 162(m) Compensation and deductibility of “performance-based”

compensation under Section 162(m) of the Code is desired, references in such provision to the Committee shall include the Section 162(m) Committee, if any.

RESPONSIBILITIES

To implement the Committee's purpose and policies, the Committee shall have the following duties and responsibilities. The Committee may supplement and, except as otherwise required by applicable law or the requirements of Nasdaq, deviate from these activities as appropriate under the circumstances:

1. Overall Compensation Strategy. The Committee shall review, modify (as needed) and approve the overall compensation strategy and policies for the Company, including:

- reviewing and approving corporate performance goals and objectives, which shall support and reinforce the Company's long-term strategic goals, relevant to the compensation of the Company's executive officers and other senior management, as requested by the Board;
- evaluating and recommending to the Board for approval the compensation plans and programs advisable for the Company, as well as evaluating and recommending to the Board for approval the modification or termination of existing plans and programs;
- establishing policies with respect to equity compensation arrangements;
- reviewing regional and industry-wide compensation practices and trends to assess the adequacy and competitiveness of the Company's executive compensation programs among comparable companies in the Company's industry; however, the Committee shall exercise independent judgment in determining the appropriate levels and types of compensation to be paid;
- reviewing and approving the terms of any employment agreements, severance arrangements, change-of-control protections and any other compensatory arrangements (including, without limitation, perquisites and any other form of compensation) for the Company's executive officers and other senior management, as requested by the Board;
- reviewing and approving any compensation arrangement for any executive officer involving any subsidiary, special purpose or similar entity, taking into account the potential for conflicts of interest in such arrangements and whether the arrangement has the potential to benefit the Company;
- reviewing and considering the results of any advisory vote on executive compensation; and

- evaluating the efficacy of the Company's compensation policy and strategy in achieving expected benefits to the Company and otherwise furthering the Committee's policies.

2. *Compensation of Chief Executive Officer.*

The Committee shall recommend to the Board for determination and approval the compensation and other terms of employment of the Company's Chief Executive Officer and shall evaluate the Chief Executive Officer's performance in light of relevant corporate performance goals and objectives.

In determining the long-term incentive component of the Chief Executive Officer's compensation, the Committee should seek to achieve an appropriate level of risk and reward, taking into consideration the Company's performance and relative stockholder return, the potential benefits and costs to the Company of the award, the value of similar incentive awards given to chief executive officers of comparable companies, the awards given to the Company's Chief Executive Officer in past years, and such other criteria as the Committee deems advisable. Based on its evaluation, the Committee shall recommend to the Board for determination and approval of the compensation (other than Section 162(m) Compensation, which shall be determined and approved by the Committee) and other terms of employment of the Company's Chief Executive Officer. The Chief Executive Officer may not be present during the voting or deliberations regarding his or her compensation.

3. *Compensation of Other Executive Officers and Senior Management.* The Committee shall review and approve the individual and corporate performance goals and objectives of the Company's other executive officers (as that term is defined in Section 16 of the Exchange Act and Rule 16a-1 thereunder) and other senior management that are periodically established. The Committee shall determine and approve the compensation and other terms of employment of these executive officers and other senior management, as appropriate, taking into consideration the person's success in achieving his or her individual performance goals and objectives and the corporate performance goals and objectives deemed relevant to the person as established by the Committee, as well as in fostering a corporate culture that promotes the highest levels of integrity and the highest ethical standards.

4. *Compensation of Directors.* The Committee shall review and recommend to the Board the type and amount of compensation to be paid or awarded to Board members, including consulting, retainer, Board meeting, committee and committee chair fees and stock option grants or awards.

5. *Selection of Compensation Consultants, Legal Counsel and Other Advisors.* The Committee shall have the authority, in its sole discretion, to retain (or obtain the advice of) any, compensation consultant, legal counsel or other advisers (referred to collectively as "advisers") to assist it in the performance of its duties, only after taking into consideration the factors specified in NASDAQ Listing Rule 5605(d)(3)19 or any successor provision. However, nothing in this provision requires that any advisers be independent. The Committee need not conduct this independence assessment with respect to (a) in-house legal counsel; or (b) any adviser whose role is limited to (i) consulting on any broad-based plan that does not discriminate in scope,

terms, or operation in favor of executive officers or directors of the Company and that is available generally to all salaried employees; or (ii) providing information that either is not customized for a particular company or that is customized based on parameters that are not developed by the adviser and about which the adviser does not provide advice. The Committee shall have direct responsibility for the appointment, compensation and oversight of the work of any advisers engaged for the purpose of advising the Committee, and such advisers shall report directly, and be accountable, to the Committee. The Committee shall have sole authority to approve the reasonable fees and the other terms and conditions of such engagement, including authority to terminate the engagement. The Company must provide for appropriate funding, as determined by the Committee, for payment of reasonable compensation to any such adviser retained by the Committee. Nothing in this provision requires the Committee to implement or act consistently with the advice or recommendations of any adviser or affects the ability or obligation of the Committee to exercise its own judgment in fulfillment of its duties.

6. *Benefit Plans.* The Committee shall recommend to the Board the adoption, amendment and termination of the Company's stock option plans, stock appreciation rights plans, pension and profit sharing plans, incentive plans, stock bonus plans, stock purchase plans, bonus plans, deferred compensation plans and similar programs. The Committee shall have full power and authority to administer these plans, establish guidelines, interpret plan documents, select participants, approve grants and awards, approve modifications to awards, and exercise such other power and authority as may be permitted or required under such plans. Notwithstanding the foregoing, the Board shall retain the right to act on all such matters without limiting the Committee's authority.

7. *Compensation Discussion and Analysis.* The Committee shall review and discuss with management the CD&A and recommend to the Board whether the CD&A should be approved for inclusion in the Company's annual reports on Form 10-K, registration statements, proxy statements or information statements.

8. *Committee Report.* The Committee shall prepare and review the Committee report on executive compensation to be included in the Company's annual proxy statement in accordance with applicable SEC rules and regulations.

9. *Committee Self-Assessment and Charter Review.* The Committee shall review, discuss and assess its own performance at least annually. The Committee shall also review and assess the adequacy of this charter at least annually, and shall recommend any proposed changes to the Board for its consideration.

10. *Conflict-of-Interest Disclosure.* The Committee shall review and discuss with management, if appropriate, any conflicts of interest raised by the work of any compensation consultant that had any role in determining or recommending the amount or form of executive or director compensation (except as set forth in clause (a) and (b) of Section 5 above) or was retained by the Committee or management and how such conflict is being addressed for disclosure in the Company's annual proxy statement in accordance with applicable SEC rules and regulations.