PRIVATE COMPANY LIMITED BY SHARES

WRITTEN RESOLUTIONS

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CALCICO THERAPEUTICS LIMITED (the Company)

Circulation Date: 29 | 3 | 2012

Pursuant to Chapter 2 of Part 13 of the Companies Act 2006, the directors of the Company propose that the resolutions below are passed as special resolutions (the Resolutions)

- THAT the one Ordinary Share of £1 in the capital of the Company be and is hereby subdivided into 1,000 Ordinary Shares of £0 001 (Ordinary Shares) having the rights set out in the Articles to be adopted pursuant to resolution 4
- THAT in accordance with section 551 of the Companies Act 2006, the Directors be 2 generally and unconditionally authorised to allot
 - up to 500,000 Seed Preference Shares of £0 001 each having the rights set out in (a) the Articles to be adopted pursuant to resolution 4,
 - up to 75,000 Ordinary Shares, (b)
 - up to 50,000 Ordinary Shares pursuant to the terms of share option schemes to (c) be approved by the Company's board of directors

provided that this authority shall, unless renewed, varied or revoked by the Company, expire on fifth anniversary of the date of passing of this resolution save that the Company may, before such expiry, make an offer or agreement which would or might require shares to be allotted and the Directors may allot shares in pursuance of such offer or agreement notwithstanding that the authority conferred by this resolution has expired

- THAT subject to the passing of the resolution above, the Directors be generally 3 empowered to allot equity securities (as defined in section 560 of the Companies Act 2006) pursuant to the authority conferred by the resolution above, as if section 561(1) of the 2006 Act and all pre-emption rights set out in the Company's Articles of Association did not apply to any such allotment
- THAT the Articles of Association attached to these written resolutions be adopted as the Articles of Association of the Company in substitution for, and to the exclusion of, the existing Articles of Association

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16/04/2012 COMPANIES HOUSE

AGREEMENT

Please read the notes at the end of this document before signifying your agreement to the Resolutions

The undersigned, being the only person entitled to vote on the above resolutions on the above date, hereby irrevocably agrees to the Resolutions

Date

2012

Signed by ADVENT LIFE SCIENCES LĽP

Sillemmoer Mannie Member

NOTES

- You can choose to agree to all of the Resolutions or none of them but you cannot agree to only one of the Resolutions If you agree to the Resolutions, please indicate your agreement by signing and dating this document where indicated above and returning it to the Company by
 - delivering the signed copy to Kaasim Mahmood at 25 Buckingham Gate, London SW1E 6LD
 - faxing the signed copy to 0207 828 1474 marked "For the attention of Kaasim Mahmood"
 - by attaching a scanned copy of the signed document to an e-mail and sending it to Kaasim Mahmood at kaasim@adventventures.com Please enter "Written resolutions" in the e-mail subject box

If you do not agree to any of the Resolutions, you do not need to do anything you will not be deemed to agree if you fail to reply

- Once you have indicated your agreement to the Resolutions, you may not revoke your agreement
- Unless, by 5 April 2012, sufficient agreement has been received for the Resolutions to pass, they will lapse
- In the case of joint holders of shares, only the vote of the senior holder who votes will be counted by the Company Seniority is determined by the order in which the names of the joint holders appear in the register of members
- If you are signing this document on behalf of a person under a power of attorney or other authority please send a copy of the relevant power of attorney or authority when returning this document

Company no. 07948431

The Companies Act 2006

Private Company Limited by Shares

ARTICLES OF ASSOCIATION

of

CALCICO THERAPEUTICS LIMITED

The Companies Act 2006

Private Company Limited by Shares

ARTICLES OF ASSOCIATION

of

CALCICO THERAPEUTICS LIMITED

PART 1

INTERPRETATION AND LIMITATION OF LIABILITY

1. Defined terms and interpretation

address

1 1 In the articles, unless the context requires otherwise

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has the meaning given in section 1148 of the Companies Act 2006;

articles means the company's articles of association,

bankruptcy includes individual insolvency proceedings in a

jurisdiction other than England and Wales or Northern Ireland which have an effect similar to that of

bankruptcy;

Board means the board of directors of the company;

chairman has the meaning given in article 12;

clear days in relation to a notice, excludes the day the notice is

deemed under the articles to be given and the day on

which the specified period expires,

Companies Acts means the Companies Acts (as defined in section 2 of

the Companies Act 2006), in so far as they apply to the

company;

director means a director of the company, and includes any

person occupying the position of director, by whatever

name called,

distribution recipient has the meaning given in article 34,

Document includes, unless otherwise specified, any document sent

or supplied in electronic form,

electronic form has the meaning given in section 1168 of the

Companies Act 2006;

electronic means

has the meaning given in section 1168 of the

Companies Act 2006;

eligible director

has the meaning given in article 8,

fully paid

in relation to a share means that the nominal value and any premium to be paid to the company in respect of

that share have been paid to the company,

group

means, in relation to a group company, means that company together with all its associated undertakings. For this purpose undertakings are associated if one is a subsidiary undertaking of the other or both are subsidiary undertakings of a third undertaking,

hard copy form

has the meaning given in section 1168 of the

Companies Act 2006,

holder

in relation to shares means the person whose name is entered in the register of members as the holder of the

shares,

instrument

means a document in hard copy form,

ordinary resolution

has the meaning given in section 282 of the Companies

Act 2006,

paid

means paid or credited as paid;

participate

in relation to a directors' meeting, has the meaning

given in article 10:

relevant officer

means any person who is or was at any time a director, secretary or other officer (except an auditor) of the company or of any undertaking in the same group as the

company,

shares

means shares in the company;

special resolution

has the meaning given in section 283 of the Companies

Act 2006,

subsidiary

has the meaning given in section 1159 of the

Companies Act 2006,

Transmittee

means a person entitled to a share by reason of the death or bankruptcy of a member or otherwise by

operation of law, and

Writing

means the representation or reproduction of words, symbols or other information in a visible form by any method or combination of methods, whether sent or

supplied in electronic form or otherwise.

1.2 The relevant model articles (within the meaning of section 20 of the Companies Act 2006) are excluded

- Unless the context otherwise requires, other words or expressions contained in the articles bear the same meaning as in the Companies Act 2006 as in force on the date when the articles become binding on the company
- Except where the contrary is stated or the context otherwise requires, any reference in the articles to a statute or statutory provision includes any order, regulation, instrument or other subordinate legislation made under it for the time being in force, and any reference to a statute, statutory provision, order, regulation, instrument or other subordinate legislation includes any amendment, extension, consolidation, re-enactment or replacement of it for the time being in force
- Words importing the singular number only include the plural and vice versa Words importing the masculine gender include the feminine and neuter gender Words importing persons include corporations

2. Liability of members

The liability of the members is limited to the amount, if any, unpaid on the shares held by them

PART 2

DIRECTORS

DIRECTORS' POWERS AND RESPONSIBILITIES

3. Directors' general authority

Subject to the articles, the directors are responsible for the management of the company's business, for which purpose they may exercise all the powers of the company

4. Members' reserve power

- 4.1 The members may, by special resolution, direct the directors to take, or refrain from taking, specified action
- 4 2 No such special resolution invalidates anything which the directors have done before the passing of the resolution

5. Directors may delegate

- 5 1 Subject to the articles, the directors may delegate any of the powers which are conferred on them under the articles
 - 5 1 1 to such person or committee,
 - 5 1.2 by such means (including by power of attorney),
 - 5 1 3 to such an extent,
 - 5.1.4 in relation to such matters, and
 - 5 1 5 on such terms and conditions

as they think fit. The power to delegate shall be effective in relation to the powers, authorities and discretions of the directors generally and shall not be limited by the fact that in certain of the articles, but not in others, express reference is made to particular powers, authorities or discretions being exercised by the directors or by a committee authorised by the directors.

- If the directors so specify, any such delegation may authorise further delegation of the directors' powers by any person to whom they are delegated
- The directors may revoke any delegation in whole or part, or alter its terms and conditions.

6. Committees

- 6 1 Committees to which the directors delegate any of their powers must follow procedures which are based as far as they are applicable on those provisions of the articles which govern the taking of decisions by directors.
- 6.2 A member of a committee need not be a director.
- The directors may make rules of procedure for all or any committees, which prevail over rules derived from the articles if they are not consistent with them

DECISION-MAKING BY DIRECTORS

7. Directors to take decisions collectively

- 7 1 The general rule about decision-making by directors is that any decision of the directors must be either a majority decision at a meeting or a decision taken in accordance with article 8
- 7.2 If.
 - 7.2 1 the company only has one director, and
 - 7 2 2 no provision of the articles requires it to have more than one director.

the general rule does not apply, and the director may take decisions without regard to any of the provisions of the articles relating to directors' decision-making.

8. Unanimous decisions

- 8 1 A decision of the directors is taken in accordance with this article when all eligible directors indicate to each other by any means that they share a common view on a matter
- Such a decision may take the form of a resolution in writing signed by each eligible director (whether or not each signs the same document) or to which each eligible director has otherwise indicated agreement in writing.
- 8.3 References in the articles to "eligible directors" are to directors who would have been entitled to vote on the matter had it been proposed as a resolution at a directors' meeting (but excluding any director whose vote is not to be counted in respect of that particular matter)

A decision may not be taken in accordance with this article if the eligible directors would not have formed a quorum at such a meeting

9. Calling a directors' meeting

- Any director may call a directors' meeting by giving notice of the meeting to the directors or by authorising the company secretary (if any) to give such notice.
- 9.2 Notice of any directors' meeting must indicate:
 - 9.2 1 its proposed date and time;
 - 9 2.2 where it is to take place, and
 - 9 2.3 If it is anticipated that directors participating in the meeting will not be in the same place, how it is proposed that they should communicate with each other during the meeting
- 9 3 Notice of a directors' meeting need not be in writing and must be given to each director provided that, if a director is absent (whether habitually or temporarily) from the United Kingdom, the company has an address for sending or receiving documents or information by electronic means to or from that director outside the United Kingdom
- Notice of a directors' meeting need not be given to directors who waive their entitlement to notice of that meeting, by giving notice to that effect to the company not more than seven days after the date on which the meeting is held. Where such notice is given after the meeting has been held, that does not affect the validity of the meeting, or of any business conducted at it.

10. Participation In directors' meetings

- Subject to the articles, directors participate in a directors' meeting, or part of a directors' meeting, when
 - 10 1 1 the meeting has been called and takes place in accordance with the articles, and
 - they can each communicate to the others any information or opinions they have on any particular item of the business of the meeting.
- In determining whether directors are participating in a directors' meeting, it is irrelevant where any director is or how they communicate with each other.
- If all the directors participating in a meeting are not in the same place, they may decide that the meeting is to be treated as taking place wherever any of them is

11. Quorum for directors' meetings

- At a directors' meeting, unless a quorum is participating, no proposal is to be voted on, except a proposal to call another meeting.
- The quorum for directors' meetings may be fixed from time to time by a decision of the directors and unless otherwise fixed it is two provided that.
 - 11 2 1 If and so long as there is only one director the quorum shall be one, and

- 11 2 2 for the purposes of any meeting held pursuant to article 15 to authorise a director's conflict, if there is only one director besides the director concerned and directors with a similar interest, the quorum shall be one
- 11.3 If the total number of directors for the time being is less than the quorum required, the directors must not take any decision other than a decision
 - 11 3.1 to appoint further directors, or
 - 11 3 2 to call a general meeting so as to enable the members to appoint further directors

12. Chairing of directors' meetings

- 12.1 The directors may appoint a director to chair their meetings.
- 12.2 The person so appointed for the time being is known as the chairman
- 12.3 The directors may terminate the chairman's appointment at any time
- 12.4 If no director has been appointed chairman, or the chairman is unwilling to chair the meeting or is not participating in a directors' meeting within ten minutes of the time at which it was to start, the participating directors must appoint one of themselves to chair it.

13. Casting vote

- 13.1 If the numbers of votes for and against a proposal are equal, the chairman or other director chaining the meeting has a casting vote
- 13.2 But this does not apply if, in accordance with the articles, the chairman or other director is not to be counted as participating in the decision-making process for quorum or voting purposes.

14. Directors' interests

Except to the extent that article 15 applies or the terms of any authority given under that article otherwise provide, and without prejudice to such disclosure as is required under the Companies Act 2006, a director may be a party to, or otherwise interested in, any transaction or arrangement with the company and shall be entitled to participate in the decision-making process for quorum and voting purposes on any resolution concerning a matter in which he has, directly or indirectly, an interest or duty that conflicts or may conflict with the interests of the company

15. Directors' conflicts of interest

Subject to the provisions of the Companies Act 2006 and provided that he has disclosed to the directors the nature and extent of any material interest of his, a director may, notwithstanding his office or that, without the authorisation conferred by this article 15.1, he would or might be in breach of his duty under the Companies Act 2006 to avoid conflicts of interest, be a director or other officer of, or employed by, or a party to any transaction or arrangement with, or otherwise interested in, any undertaking in the same group as the company, or in which the company or any undertaking in the same group as the company is otherwise interested.

15.2 No director shall:

- by reason of his office, be accountable to the company for any benefit which he derives from any office or employment, or from any transaction or arrangement, or from any interest in any undertaking, that is authorised under article 15.1 (and no such benefit shall constitute a breach of the duty under the Companies Act 2006 not to accept benefits from third parties, and no such transaction or arrangement shall be liable to be avoided on the ground of any such interest or benefit),
- 15 2 2 be in breach of his duties as a director by reason only of his excluding himself from the receipt of information, or from participation in decision-making or discussion (whether at meetings of the directors or otherwise), that will or may relate to any office, employment, transaction, arrangement or interest that is authorised under article 15.1; or
- be required to disclose to the company, or use in relation to the company's affairs, any confidential information obtained by him in connection with any office, employment, transaction, arrangement or interest that is authorised under article 15 1 if his doing so would result in a breach of a duty or an obligation of confidence owed by him in that connection
- A general notice given to the directors that a director is to be regarded as having an interest of the nature and extent specified in the notice in any transaction or arrangement in which a specified person or class of persons is interested shall be deemed to be a disclosure that the director has an interest in any such transaction of the nature and extent so specified, and an interest of which a director has no knowledge and of which it is unreasonable to expect him to have knowledge shall not be treated as an interest of his
- The directors may, if the quorum and voting requirements set out below are satisfied, authorise any matter that would otherwise involve a director breaching his duty under the Companies Act 2006 to avoid conflicts of interest, and any director (including the director concerned) may propose that the director concerned be authorised in relation to any matter the subject of such a conflict provided that.
 - 15.4 1 such proposal and any authority given by the directors shall be effected in the same way that any other matter may be proposed to and resolved upon by the directors under the provisions of the articles, except that the director concerned and any other director with a similar interest
 - (a) shall not be counted for quorum purposes as participating in the decision-making process while the conflict is under consideration,
 - (b) may, if the other directors so decide, be excluded from participating in the decision-making process while the conflict is under consideration, and
 - (c) shall not vote on any resolution authorising the conflict except that, if any such director does vote, the resolution will still be valid if it would have been agreed to if his votes had not been counted; and
 - 15 4.2 where the directors give authority in relation to such a conflict
 - they may (whether at the time of giving the authority or at any time or times subsequently) impose such terms upon the director concerned

and any other director with a similar interest as they may determine, including, without limitation, the exclusion of that director and any other director with a similar interest from the receipt of information, or participation in any decision-making or discussion (whether at meetings of the directors or otherwise) related to the conflict,

- (b) the director concerned and any other director with a similar interest will be obliged to conduct himself in accordance with any terms imposed from time to time by the directors in relation to the conflict but will not be in breach of his duties as a director by reason of his doing so,
- (c) the authority may provide that, where the director concerned and any other director with a similar interest obtains information that is confidential to a third party, the director will not be obliged to disclose that information to the company, or to use the information in relation to the company's affairs, where to do so would amount to a breach of that confidence;
- (d) the authority may also provide that the director concerned or any other director with a similar interest shall not be accountable to the company for any benefit that he receives as a result of the conflict;
- (e) the receipt by the director concerned or any other director with a similar interest of any remuneration or benefit as a result of the conflict shall not constitute a breach of the duty under the Companies Act 2006 not to accept benefits from third parties;
- (f) the terms of the authority shall be recorded in writing (but the authority shall be effective whether or not the terms are so recorded); and
- (g) the directors may withdraw such authority at any time
- 15.5 Subject to article 15.6, if a question anses at a meeting of directors or of a committee of directors as to the right of a director to participate in the meeting (or part of the meeting) for voting or quorum purposes, the question may, before the conclusion of the meeting, be referred to the chairman, whose ruling in relation to any director other than the chairman is to be final and conclusive
- 15.6 If any question as to the right to participate in the meeting (or part of the meeting) should anse in respect of the chairman, the question is to be decided by a decision of the directors at that meeting, for which purpose the chairman is not to be counted as participating in the meeting (or that part of the meeting) for voting or quorum purposes

16. Records of decisions to be kept

The directors must ensure that the company keeps a record, in hard copy form, for at least 10 years from the date of the decision recorded, of every unanimous or majority decision taken by the directors

17. Directors' discretion to make further rules

Subject to the articles, the directors may make any rule which they think fit about how they take decisions, and about how such rules are to be recorded or communicated to directors

APPOINTMENT OF DIRECTORS

18. Methods of appointing and removing directors

- Any person who is willing to act as a director, and is permitted by law to do so, may be appointed to be a director.
 - 18 1.1 by ordinary resolution, or
 - 18 1 2 by a decision of the directors
- Any member or members holding a majority in nominal amount of the issued ordinary share capital that confers the right to attend and vote at general meetings may at any time appoint any person to be a director, whether as an additional director or to fill a vacancy, and may remove from office any director howsoever appointed and any alternate director. Any such appointment or removal shall be effected by notice in writing to the company by the relevant member or members. Any such appointment or removal shall take effect when it is delivered to the registered office of the company or, if it is produced at a meeting of the directors, when it is so produced or, if sent by electronic means to an address generally used by the company, when it is sent. Any such removal shall be without prejudice to any claim that a director may have under any contract between him and the company.

19. Termination of director's appointment

- 19.1 A person ceases to be a director as soon as
 - 19 1 1 that person ceases to be a director by virtue of any provision of the Companies Act 2006 or is prohibited from being a director by law;
 - 19 1 2 a bankruptcy order is made against that person;
 - 19 1 3 a composition is made with that person's creditors generally in satisfaction of that person's debts;
 - 19 1 4 he becomes, in the opinion of all his co-directors, physically or mentally incapable of discharging his duties as a director;
 - 19.1 5 notification is received by the company from the director that the director is resigning from office, and such resignation has taken effect in accordance with its terms; or
 - 19 1 6 he is otherwise duly removed from office.

20. Directors' remuneration

- 20.1 Directors may undertake any services for the company that the directors decide
- 20.2 Directors are entitled to such remuneration as the directors determine:
 - 20 2 1 for their services to the company as directors, and
 - 20.2 2 for any other service which they undertake for the company
- 20 3 Subject to the articles, a director's remuneration may

- 20.3 1 take any form, and
- 20 3 2 include any arrangements in connection with the payment of a pension, allowance or gratuity, or any death, sickness or disability benefits, to or in respect of that director
- 20.4 Unless the directors decide otherwise, directors' remuneration accrues from day to day

21. Directors' expenses

- 21.1 The company may pay any reasonable expenses which the directors (and any alternate directors or company secretary) properly incur in connection with their attendance at
 - 21 1.1 meetings of directors or committees of directors, or
 - 21 1.2 general meetings

or otherwise in connection with the exercise of their powers and the discharge of their responsibilities in relation to the company.

ALTERNATE DIRECTORS

22. Appointment and removal of alternate directors

- 22.1 Any director may appoint as an alternate any other director, or any other person, to-
 - 22 1.1 exercise that director's powers, and
 - 22.1 2 carry out that director's responsibilities,

in relation to the taking of decisions by the directors, in the absence of the alternate's appointor

- Any appointment or removal of an alternate must identify the proposed alternate and be effected by notice in writing to the company signed by his appointor, or in any other manner approved by the directors
- 23. Rights and responsibilities of alternate directors
- An alternate director may act as alternate director to more than one director and has the same rights in relation to any decision of the directors as the alternate's appointor
- 23.2 Except as the articles specify otherwise, alternate directors:
 - 23 2 1 are deemed for all purposes to be directors;
 - 23:2 2 are liable for their own acts and omissions,
 - 23.2 3 are subject to the same restrictions as their appointors; and
 - 23 2 4 are not deemed to be agents of or for their appointors

and, in particular (without limitation), each alternate director shall be entitled to receive notice of all meetings of directors and of all meetings of committees of directors of which his appointor is a member.

- 23.3 A person who is an afternate director but not a director
 - 23 3.1 may be counted as participating for the purposes of determining whether a quorum is present (but only if that person's appointor is not participating),
 - 23 3 2 may participate in a unanimous decision of the directors (but only if his appointor is an eligible director in relation to that decision, but does not participate), and
 - 23 3.3 shall not be counted as more than one director for the purposes of articles 23.3.1 and 23 3 2.
- A director who is also an alternate director is entitled, in the absence of his appointor, to a separate vote on behalf of his appointor, in addition to his own vote on any decision of the directors (provided that his appointor is an eligible director in relation to that decision), but shall not count as more than one director for the purposes of determining whether a quorum is present
- An alternate director is not entitled to receive any remuneration from the company for serving as an alternate director except such part of the alternate's appointor's remuneration as the appointor may direct by notice in writing made to the company.

24. Termination of alternate directorship

- 24 1 An alternate director's appointment as an alternate terminates
 - 24.1 1 when the alternate's appointor revokes the appointment by notice to the company in writing specifying when it is to terminate,
 - on the occurrence, in relation to the alternate, of any event which, if it occurred in relation to the alternate's appointor, would result in the termination of the appointor's appointment as a director,
 - 24 1 3 on the death of the alternate's appointor;
 - 24 1 4 when the alternate's appointor's appointment as a director terminates, or
 - 24 1 5 when the alternate is removed in accordance with the articles

PART 3

SHARES AND DISTRIBUTIONS

SHARES

- 25. Powers to issue different classes of share
- Subject to the articles, but without prejudice to the rights attached to any existing share, the company may issue shares with such rights or restrictions as may be determined by ordinary resolution

The company may issue shares which are to be redeemed, or are liable to be redeemed at the option of the company or the holder, and the directors may determine the terms, conditions and manner of redemption of any such shares

26. Payment of commissions on subscription for shares

- 26.1 The company may pay any person a commission in consideration for that person
 - 26 1 1 subscribing, or agreeing to subscribe, for shares, or
 - 26 1 2 procuring, or agreeing to procure, subscription for shares
- 26 2 Any such commission may be paid
 - 26 2 1 in cash, or in fully paid or partly paid shares or other securities, or partly in one way and partly in the other; and
 - 26 2 2 in respect of a conditional or an absolute subscription

27. Company not bound by less than absolute interests

Except as required by law, no person is to be recognised by the company as holding any share upon any trust, and except as otherwise required by law or the articles, the company is not in any way to be bound by or recognise any interest in a share other than the holder's absolute ownership of it and all the rights attaching to it

28. Exclusion of statutory pre-emption provisions

Sections 561 and 562 of the Companies Act 2006 shall not apply to an allotment of equity securities made by the company.

29. Fractional entitlements

- 29.1 Where there has been a consolidation or division of shares and, as a result, members are entitled to fractions of shares, the directors may
 - 29.1 1 sell the shares representing the fractions to any person including the company for the best price reasonably obtainable;
 - 29.1 2 authorise any person to execute an instrument of transfer of the shares to the purchaser or a person nominated by the purchaser; and
 - 29 1.3 distribute the net proceeds of sale in due proportion among the holders of the shares
- Where any holder's entitlement to a portion of the proceeds of sale under article 29.1 amounts to less than a minimum figure determined by the directors, that member's portion may be retained for the benefit of the company
- 29.3 The person to whom the shares are transferred pursuant to article 29.1 is not obliged to ensure that any purchase money is received by the person entitled to the relevant fractions. The transferee's title to the shares is not affected by any irregularity in or invalidity of the process leading to their sale.

30. Exercise of transmittees' rights

- Transmittees who wish to become the holders of shares to which they have become entitled must notify the company in writing of that wish
- 30.2 If the transmittee wishes to have a share transferred to another person, the transmittee must execute an instrument of transfer in respect of it.
- 30.3 Any transfer made or executed under this article is to be treated as if it were made or executed by the person from whom the transmittee has derived rights in respect of the share, and as if the event which gave rise to the transmission had not occurred

31. Transmittees bound by prior notices

If a notice is given to a member in respect of shares and a transmittee is entitled to those shares, the transmittee is bound by the notice if it was given to the member before the transmittee's name has been entered in the register of members

DIVIDENDS AND OTHER DISTRIBUTIONS

32. Procedure for declaring dividends

- The company may by ordinary resolution declare dividends, and the directors may decide to pay interim dividends.
- A dividend must not be declared unless the directors have made a recommendation as to its amount. Such a dividend must not exceed the amount recommended by the directors.
- 32.3 No dividend may be declared or paid unless it is in accordance with members' respective rights
- 32.4 Unless the members' resolution to declare or directors' decision to pay a dividend, or the terms on which shares are issued, specify otherwise, it must be paid by reference to each member's holding of shares on the date of the resolution or decision to declare or pay it.
- 32.5 If the company's share capital is divided into different classes, no interim dividend may be paid on shares carrying deferred or non-preferred rights if, at the time of payment, any preferential dividend is in arrear
- 32.6 The directors may pay at intervals any dividend payable at a fixed rate if it appears to them that the profits available for distribution justify the payment.
- 32.7 If the directors act in good faith, they do not incur any liability to the holders of shares conferring preferred rights for any loss they may suffer by the lawful payment of an interim dividend on shares with deferred or non-preferred rights

33. Calculation of dividends

33.1 Except as otherwise provided by the articles or the rights attached to shares, all dividends must be

- 33.1 1 declared and paid according to the amounts paid up on the shares on which the dividend is paid, and
- apportioned and paid proportionately to the amounts paid up on the shares during any portion or portions of the period in respect of which the dividend is paid
- If any share is issued on terms providing that it ranks for dividend as from a particular date, that share ranks for dividend accordingly
- For the purposes of calculating dividends, no account is to be taken of any amount which has been paid up on a share in advance of the due date for payment of that amount

34. Payment of dividends and other distributions

- Where a dividend or other sum which is a distribution is payable in respect of a share, it must be paid by one or more of the following means
 - 34.1.1 transfer to a bank or building society account specified by the distribution recipient either in writing or as the directors may otherwise decide,
 - 34 1.2 sending a cheque made payable to the distribution recipient by post to the distribution recipient at the distribution recipient's registered address (if the distribution recipient is a holder of the share), or (in any other case) to an address specified by the distribution recipient either in writing or as the directors may otherwise decide;
 - 34.1 3 sending a cheque made payable to such person by post to such person at such address as the distribution recipient has specified either in writing or as the directors may otherwise decide, or
 - 34 1 4 any other means of payment as the directors agree with the distribution recipient either in writing or by such other means as the directors decide
- Dividends may be declared or paid in any currency and the directors may agree with any distribution recipient that dividends which may at any time or from time to time be declared or become due on his shares in one currency shall be paid or satisfied in another, and may agree the basis of conversion to be applied and how and when the amount to be paid in the other currency shall be calculated and paid and for the company or any other person to bear the costs involved
- In the articles, "the distribution recipient" means, in respect of a share in respect of which a dividend or other sum is payable
 - 34.3.1 the holder of the share, or
 - 34 3 2 If the share has two or more joint holders, whichever of them is named first in the register of members; or
 - 34 3 3 if the holder is no longer entitled to the share by reason of death or bankruptcy, or otherwise by operation of law, the transmittee

35 No interest on distributions

- 35.1 The company may not pay interest on any dividend or other sum payable in respect of a share unless otherwise provided by:
 - 35 1 1 the terms on which the share was issued, or
 - 35 1 2 the provisions of another agreement between the holder of that share and the company.

36. Non-cash distributions

- 36.1 Subject to the terms of issue of the share in question, the company may, by ordinary resolution on the recommendation of the directors, decide to pay all or part of a dividend or other distribution payable in respect of a share by transferring non-cash assets of equivalent value (including, without limitation, shares or other securities in any company)
- For the purposes of paying a non-cash distribution, the directors may make whatever arrangements they think fit, including, where any difficulty arises regarding the distribution
 - 36 2 1 fixing the value of any assets;
 - paying cash to any distribution recipient on the basis of that value in order to adjust the rights of recipients, and
 - 36 2 3 vesting any assets in trustees

37. Waiver of distributions

Distribution recipients may waive their entitlement to a dividend or other distribution payable in respect of a share by giving the company notice in writing to that effect

CAPITALISATION OF PROFITS

38. Authority to capitalise and appropriation of capitalised sums

- 38.1 Subject to the articles, the directors may, if they are so authorised by an ordinary resolution
 - 38.1 1 decide to capitalise any profits of the company (whether or not they are available for distribution) which are not required for paying a preferential dividend, or any sum standing to the credit of the company's share premium account or capital redemption reserve, and
 - appropriate any sum which they so decide to capitalise (a "capitalised sum") to the persons who would have been entitled to it if it were distributed by way of dividend (the "persons entitled") and in the same proportions.
- 38 2 Capitalised sums must be applied.
 - 38 2.1 on behalf of the persons entitled, and
 - 38.2 2 In the same proportions as a dividend would have been distributed to them.

- Any capitalised sum may be applied in paying up new shares of a nominal amount equal to the capitalised sum which are then allotted credited as fully paid to the persons entitled or as they may direct
- A capitalised sum which was appropriated from profits available for distribution may be applied
 - 38.4 1 in or towards paying up any amounts unpaid on existing shares held by the persons entitled, or
 - 38 4 2 in paying up new debentures of the company which are then allotted credited as fully paid to the persons entitled or as they may direct
- 38 5 Subject to the articles the directors may.
 - 38 5 1 apply capitalised sums in accordance with articles 38.3 and 38.4 partly in one way and partly in another:
 - 38 5.2 make such arrangements as they think fit to deal with shares or debentures becoming distributable in fractions under this article (including the issuing of fractional certificates or the making of cash payments), and
 - 38.5.3 authorise any person to enter into an agreement with the company on behalf of all the persons entitled which is binding on them in respect of the allotment of shares and debentures to them under this article.

39. Company seals

- 39.1 Any common seal may only be used by the authority of the directors.
- 39.2 The directors may decide by what means and in what form any common seal is to be used
- 39.3 Unless otherwise decided by the directors, if the company has a common seal and it is affixed to a document, the document must also be signed by at least one authorised person in the presence of a witness who attests the signature.
- 39 4 For the purposes of this article, an authorised person is.
 - 39.4 1 any director of the company;
 - 39.4 2 the company secretary (if any), or

any person authorised by the directors for the purpose of signing documents to which the common seal is applied

- 39 5 Any instrument signed.
 - 39 5 1 by any one Director and the Secretary or by two Directors; or
 - 39 5.2 by one Director in the presence of a witness who attests his or her signature,

and expressed to be executed by the Company shall have the same effect as if executed under the seal

40. No right to inspect accounts and other records

Except as provided by law or authorised by the directors or an ordinary resolution of the company, no person is entitled to inspect any of the company's accounting or other records or documents merely by virtue of being a member.

41. Share certificates

- 41.1 The company must issue each member, free of charge, with one or more certificates in respect of the shares which that member holds
- 41.2 Every certificate must specify
 - 41 2 1 in respect of how many shares, of what class, it is issued;
 - 41.2 2 the nominal value of those shares,
 - 41 2 3 the amount paid up on them, and
 - 41 2 4 any distinguishing numbers assigned to them.
- 41.3 No certificate may be issued in respect of shares of more than one class
- 41.4 If more than one person holds a share, only one certificate may be issued in respect of it.
- 41.5 Certificates must
 - 41.5 1 have affixed to them the company's common seal, or
 - 41.5.2 be otherwise executed in accordance with the Companies Acts
- The directors may determine, either generally or in relation to any particular case, that any signature on any certificate need not be autographic but may be applied by some mechanical or other means, or printed on the certificate, or that certificates need not be signed
- 42. Replacement share certificates
- 42.1 If a certificate issued in respect of a member's shares is:
 - 42 1 1 damaged or defaced, or
 - 42 1.2 said to be lost, stolen or destroyed.

that member is entitled to be issued with a replacement certificate in respect of the same shares.

- 42.2 A member exercising the right to be issued with such a replacement certificate
 - 42 2.1 may at the same time exercise the right to be issued with a single certificate or separate certificates,
 - 42.2.2 must return the certificate which is to be replaced to the company if it is damaged or defaced, and

42.2.3 must comply with such conditions as to evidence, indemnity and the payment of a reasonable fee as the directors decide.

43 Share transfers

- Shares may be transferred by means of an instrument of transfer in any usual form or any other form approved by the directors, which is executed by or on behalf of the transferor and, if the shares are not fully paid, the transferee.
- 43.2 No fee may be charged for registering any instrument of transfer or other document relating to or affecting the title to any share
- 43.3 The company may retain any instrument of transfer which is registered
- The transferor remains the holder of a share until the transferee's name is entered in the register of members as holder of it.
- The directors, in their absolute discretion, may refuse to register the transfer of a share, whether or not it is fully paid, and if they do so, they shall within two months after the date on which the transfer was lodged send the transferee the notice of refusal together with their reasons for refusal and, unless they suspect that the proposed transfer may be fraudulent, the instrument of transfer

44. Provision for employees on cessation of business

The directors may decide to make provision for the benefit of persons employed or formerly employed by the company or any of its subsidiary (other than a director or former director or shadow director) in connection with the cessation or transfer to any person of the whole or part of the undertaking of the company or that subsidiary

45. Secretary

Subject to the Companies Act 2006, the directors may appoint a company secretary (or two or more persons as joint secretary) for such term, at such remuneration and upon such conditions as the directors may think fit, and any company secretary (or joint secretary) so appointed may be removed by the directors. The directors may also from time to time appoint on such terms as they think fit, and remove, one or more assistant or deputy secretaries

DIRECTORS' INDEMNITY AND INSURANCE

46. Indemnity

- Subject to article 46.2 (but without prejudice to any indemnity to which a relevant officer is otherwise entitled).
 - 46 1 1 a relevant officer may be indemnified out of the company's assets to whatever extent the directors may determine against
 - (a) any liability incurred by that officer in connection with any negligence, default, breach of duty or breach of trust in relation to the company or any undertaking in the same group as the company,
 - (b) any liability incurred by that officer in connection with the activities of the company, or any undertaking in the same group as the company.

- in its capacity as a trustee of an occupational pension scheme (as defined in section 235(6) of the Companies Act 2006),
- (c) any other liability incurred by that officer as an officer of the company or of any undertaking in the same group as the company, and
- 46.1 2 the company may, to whatever extent the directors may determine, provide funds to meet expenditure incurred or to be incurred by a relevant officer in defending any criminal or civil proceedings in connection with any alleged negligence, default, breach of duty or breach of trust by him in relation to the company or any undertaking in the same group as the company, or any investigation, or action proposed to be taken, by a regulatory authority in that connection, or for the purposes of an application for relief, or in order to enable the relevant officer to avoid incurring such expenditure
- This article does not authorise any indemnity that would be prohibited or rendered void by any provision of the Companies Acts or by any other provision of law.

47. Insurance

- The directors may decide to purchase and maintain insurance, at the expense of the company, for the benefit of any relevant officer in respect of any relevant loss.
- 47.2 In this article, a "relevant loss" means any loss or liability which has been or may be incurred by a relevant officer in connection with that officer's duties or powers in relation to the company, any undertaking in the same group as the company or any pension fund or employees' share scheme of the company or of any undertaking in the same group as the company

Calcico Therapeutics Limited Company Number: 07948431 (the "Company")

WRITTEN RESOLUTION of the sole director of the Company

I, the undersigned, being the sole director of the Company RESOLVE pursuant to article 18 1 of the articles of association of the Company that the transfer of one ordinary share of £1 in the Company from Advent Life Sciences Fund I L.P to Advent Life Sciences LLP (a copy of which is attached) be hereby approved for registration and that the necessary entries are made in the register of members accordingly.

Dr Mohammed Shahzad Malik

16 MARCH 2012

Date