
FORM 6-K
SECURITIES AND EXCHANGE COMMISSION
Washington, D.C. 20549

Report of Foreign Issuer

**Pursuant to Rule 13a-16 or 15d-16 of
the Securities Exchange Act of 1934**

For the Month of June, 2015

Commission File Number 1-32001

Aptose Biosciences Inc.

(Translation of registrant's name into English)

**5955 Airport Road, Suite 228
Mississauga, ON
L4V 1R9**

(Address of principal executive offices)

Indicate by check mark whether the registrant files or will file annual reports under cover of Form 20-F or Form 40-F.

Form 20-F

Form 40-F

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(1): ____

Indicate by check mark if the registrant is submitting the Form 6-K in paper as permitted by Regulation S-T Rule 101(b)(7): ____

DOCUMENTS FILED AS PART OF THIS FORM 6-K

See the Exhibit Index hereto.

SIGNATURE

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.

Aptose Biosciences Inc.

Date: June 12, 2015

By: /s/ "Gregory Chow"

Gregory Chow
Senior Vice President and Chief Financial Officer

EXHIBIT INDEX

- 99.1 Advance Notice By-Law Of Aptose Biosciences Inc.
- 99.2 Amended By-Law No. 2
- 99.3 Articles of Amendment

BY-LAW 2015-01**ADVANCE NOTICE BY-LAW OF APTOSE BIOSCIENCES INC.****INTRODUCTION**

The purpose of this advance notice by-law (the “**By-law**”) is to establish the conditions and framework under which holders of record of common shares (the “**Shareholders**”) of Aptose Biosciences Inc. (the “**Corporation**”) may exercise their right to submit director nominations by fixing a deadline by which such nominations must be submitted by a Shareholder to the Corporation prior to any annual or special meeting of Shareholders, and sets forth the information that a Shareholder must include in the notice to the Corporation for the notice to be in proper written form.

It is the position of the Corporation that this By-law is beneficial to Shareholders and other stakeholders.

NOMINATIONS OF DIRECTORS**1. Nomination procedures**

Subject to the laws governing the Corporation and the articles of the Corporation, only persons who are nominated in accordance with the following procedures shall be eligible for election as directors of the Corporation. Nominations of persons for election to the board of directors of the Corporation (the “**Board**”) may be made at any annual meeting of Shareholders, or at any special meeting of Shareholders, if one of the purposes for which the special meeting was called is the election of directors. Such nominations may be made in the following manner:

- 1.1 by or at the direction of the Board, including pursuant to a notice of meeting;
- 1.2 by or at the direction or request of one or more Shareholders pursuant to a proposal made in accordance with the provisions of the *Canada Business Corporations Act* (the “**Act**”), or a requisition of the Shareholders made in accordance with the provisions of the Act; or
- 1.3 by any person (a “**Nominating Shareholder**”):
 - (a) who, at the close of business on the date of the giving of the notice provided for below in this By-law and on the record date for notice of such meeting, is entered in the securities register as a holder of one or more shares carrying the right to vote at such meeting or who beneficially owns shares that are entitled to be voted at such meeting and provides evidence of such beneficial ownership to the Corporation; and
 - (b) who complies with the notice procedures set forth below in this By-law.

2. Timely notice

In addition to any other applicable requirements, for a nomination to be made by a Nominating Shareholder, the Nominating Shareholder must have given timely notice thereof in proper written form to the Secretary of the Corporation at the head office of the Corporation.

3. Manner of timely notice

To be timely, a Nominating Shareholder’s notice to the Secretary of the Corporation must be given:

- 3.1 in the case of an annual meeting of Shareholders, not less than 30 days before the date of the annual meeting of Shareholders; provided, however, that in the event that the annual meeting of Shareholders is to be held on a date that is less than 50 days after the date (the “**Notice Date**”) on which the first public announcement of the date of the annual meeting was made, notice by the Nominating Shareholder may be given not later than the close of business on the tenth (10th) day following the Notice Date; and
- 3.2 in the case of a special meeting (which is not also an annual meeting) of Shareholders called for the purpose of electing directors (whether or not called for other purposes), not later than the close of business on the fifteenth (15th) day following the day on which the first public announcement of the date of the special meeting of Shareholders was made.

4. Proper form of timely notice

To be in proper written form, a Nominating Shareholder’s notice to the Secretary of the Corporation must set forth:

- 4.1 as to each person whom the Nominating Shareholder proposes to nominate for election as a director (the “**Proposed Nominee**”):
- (a) the name, age, and province or state, and country of residence of the Proposed Nominee;
 - (b) the principal occupation, business or employment of the Proposed Nominee, both at present and within the five years preceding the notice;
 - (c) the number of securities of each class of voting securities of the Corporation or its subsidiaries which are beneficially owned, or controlled or directed, directly or indirectly, by the Proposed Nominee as of the record date for the meeting of Shareholders (if such date shall then have been made publicly available and shall have occurred) and as of the date of such notice;
 - (d) a description of any agreement, arrangement or understanding (financial, compensation or indemnity related or otherwise) between the Nominating Shareholder and the Proposed Nominee, or any affiliates or associates of, or any person acting jointly or in concert with the Nominating Shareholder or the Proposed Nominee, in connection with the Proposed Nominee’s election as director;
 - (e) whether the Proposed Nominee is party to any existing or proposed relationship, agreement, arrangement or understanding with any competitor of the Corporation or its affiliates or any other third party which may give rise to a real or perceived conflict of interest between the interests of the Corporation and the interests of the Proposed Nominee;
 - (f) whether the Proposed Nominee is a “resident Canadian” within the meaning of the Act;
 - (g) whether the Proposed Nominee is a citizen and/or resident of the United States; and
 - (h) any other information relating to the Proposed Nominee that would be required to be disclosed in a dissident’s proxy circular in connection with solicitations of proxies for election of directors pursuant to the Act and Applicable Securities Laws (as defined below); and

- 4.2 as to the Nominating Shareholder giving the notice, any proxy, contract, arrangement, understanding or relationship pursuant to which such Nominating Shareholder has any rights or obligations relating to the voting of any securities of the Corporation and any other information relating to such Nominating Shareholder that would be required to be made in a dissident's proxy circular in connection with solicitations of proxies for election of directors pursuant to the Act and Applicable Securities Laws.

5. Notice to be Updated

To be considered timely and in proper written form, a Nominating Shareholder's notice will be promptly updated and supplemented, if necessary, so that the information provided or required to be provided in such notice will be true and correct as of the record date for the meeting.

6. Eligibility for nomination as a director

No person shall be eligible for election as a director of the Corporation unless nominated in accordance with the provisions of this By-law; provided, however, that nothing in this By-law shall be deemed to preclude discussion by a Shareholder (as distinct from the nomination of directors) at a meeting of Shareholders of any matter in respect of which it would have been entitled to submit a proposal pursuant to the provisions of the Act. The Chair of the meeting shall have the power and duty to determine whether a nomination was made in accordance with the procedures set forth in the foregoing provisions and, if any proposed nomination is not in compliance with such foregoing provisions, to declare that such defective nomination shall be disregarded.

7. Definitions

For purposes of this By-law:

- 7.1 “**public announcement**” shall mean disclosure in a press release reported by a national news service in Canada, or in a document publicly filed by the Corporation under its profile on the System of Electronic Document Analysis and Retrieval at www.sedar.com; and
- 7.2 “**Applicable Securities Laws**” means the applicable securities legislation of each relevant province and territory of Canada, as amended from time to time, the rules, regulations and forms made or promulgated under any such statute and the published national instruments, multilateral instruments, policies, bulletins and notices of the securities commission and similar regulatory authority of each province and territory of Canada, and all applicable securities laws of the United States.

8. Delivery of notice

Notwithstanding any other provision of this By-law, notice given to the Secretary of the Corporation pursuant to this By-law may only be given by personal delivery, facsimile transmission (at such contact information as set out on the Corporation's issuer profile on the System for Electronic Document Analysis and Retrieval at www.sedar.com) or by email (at such email address as stipulated from time to time by the Secretary of the Corporation for purposes of this notice), and shall be deemed to have been given and made only at the time it is served by personal delivery, email (at the aforesaid address) or sent by facsimile transmission (provided that receipt of confirmation of such transmission has been received) to the Secretary at the address of the principal executive offices of the Corporation; provided that if such delivery or electronic communication is made on a day which is not a business day or later than 5:00 p.m. (Eastern time) on a day which is a business day, then such delivery or electronic communication shall be deemed to have been made on the subsequent day that is a business day.

9. Board Discretion

Notwithstanding the foregoing, the Board may, in its sole discretion, waive any requirement in this By-law.

AMENDED BY-LAW NO. 2**A by-law relating generally to
the transaction of the business
and affairs of****Aptose Biosciences Inc.****DIRECTORS**

1. Calling of and notice of meetings. Meetings of the board will be held on such day and at such time and place as the Chairman of the Board or the President of the Corporation or any two directors may determine. Notice of meetings of the board will be given to each director not less than 48 hours before the time when the meeting is to be held. Each newly elected board may without notice hold its first meeting for the purposes of organization and the appointment of officers immediately following the meeting of shareholders at which such board was elected.
2. Votes to govern. At all meetings of the board every question will be decided by a majority of the votes cast on the question.
3. Interest of directors and officers generally in contracts. No director or officer will be disqualified by his or her office from contracting with the Corporation nor will any contract or arrangement entered into by or on behalf of the Corporation with any director or officer or in which any director or officer is in any way interested be liable to be voided nor will any director or officer so contracting or being so interested be liable to account to the Corporation for any profit realized by any such contract or arrangement by reason of such director or officer holding that office or of the fiduciary relationship thereby established provided that, in each case, the director or officer has complied with the provisions of the *Canada Business Corporations Act*.

COMMITTEES

4. Committees of Directors. The directors may appoint from among their number one or more committees of directors and delegate to them any of the powers of the directors except those which under the *Canada Business Corporations Act* a committee of directors has no authority to exercise.
5. Transaction of Business. The powers of a committee appointed by the directors may be exercised at a meeting at which a quorum is present or by resolution in writing signed by all members of the committee entitled to vote on that resolution at a meeting of the committee. Meetings of a committee may be held at any place in or outside Canada.
6. Procedure. Unless otherwise determined by the directors each committee shall have power to fix its quorum and to regulate its procedure.

SHAREHOLDERS' MEETINGS

7. Notice of meetings. Notice of the time and place of a meeting of shareholders must be sent to each shareholder entitled to vote at the meeting, to each director and to the auditor of the Corporation not less than twenty-one days nor more than fifty days before the time when the meeting is to be held.

8. Quorum. Except as otherwise provided in the Articles of the Corporation, the quorum for the transaction of business at any meeting of shareholders shall be two persons present at the opening of the meeting who are entitled to vote thereat either as shareholders or as proxy holders and holding or representing not less than 25% of the outstanding shares of the Corporation entitled to be voted at such meeting. If a quorum is not present within such reasonable time (determined by the chair of the meeting) after the time fixed for the holding of the meeting, the persons present and entitled to vote thereat may adjourn the meeting to a fixed time and place. A person participating in a meeting by means of telephonic, electronic or other communication facilities shall be deemed for the purposes hereof to be present at the meeting.
9. Chairman. The Chairman of the Board, or in his absence the President, or in his absence a person chosen by a vote at the meeting shall be chairman of meetings of shareholders.
10. Meetings by telephonic or electronic means. A meeting of the shareholders may be held by means of a telephonic, electronic or other communication facility that permits all participants to communicate adequately with each other during the meeting.
11. Postponement or cancellation of meetings. A meeting of shareholders may be postponed or cancelled by the board at any time prior to the date of the meeting.
12. Executors and Others. An executor, administrator, committee of a mentally incompetent person, guardian or trustee and, where a corporation is such executor, administrator, committee, guardian or trustee of a testator, intestate, mentally incompetent person, ward or cestui que trust, any duly appointed representative of such corporation, upon filing with the secretary of the meeting sufficient proof of his appointment, shall represent the shares in his or its hands at all meetings of shareholders of the Corporation and may vote accordingly as a shareholder in the same manner and to the same extent as the shareholder of record. If there be more than one executor, administrator, committee, guardian or trustee, the provisions of this by-law respecting joint shareholders shall apply.
13. Procedures at meetings. The board may determine the procedures to be followed at any meeting of shareholders including, without limitation, the rules of order. Subject to the foregoing, the chair of a meeting may determine the procedures of the meeting in all respects.

OFFICERS

14. General. The directors may from time to time appoint a Chairman of the Board, a President, one or more Vice-Presidents, a Secretary, a Treasurer and such other officers as the directors may determine, including one or more assistants to any of the officers so appointed. The officers so appointed may but need not be members of the board of directors except as provided in sections 16 and 17.
15. Term of Office. Any officer may be removed by the directors at any time but such removal shall not affect the rights of such officer under any contract of employment with the Corporation. Otherwise, each officer shall hold office until his successor is appointed.
16. The Chairman of the Board. The Chairman of the Board, if any, shall be appointed from among the directors and shall, when present, be chairman of meetings of shareholders and directors and shall have such other powers and duties as the directors may determine.

17. The President. Unless the directors otherwise determine, the President shall be the chief executive officer of the Corporation and shall have general supervision of its business and affairs and in the absence of the Chairman of the Board shall be chairman at meetings of shareholders and directors when present.
18. Vice-President. A Vice-President shall have such powers and duties as the directors or the President may determine.
19. Secretary. The Secretary shall give, or cause to be given, all notices required to be given to shareholders, directors, auditors and members of committees; shall attend and be secretary of all meetings of shareholders, directors and committees appointed by the directors and shall enter or cause to be entered on books kept for that purpose minutes of all proceedings at such meetings; shall be the custodian of the corporate seal of the Corporation and of all records, books, documents and other instruments belonging to the Corporation; and shall have such other powers and duties as the directors or the President may determine.
20. Treasurer. The Treasurer shall keep proper books of account and accounting records with respect to all financial and other transactions of the Corporation; shall be responsible for the deposit of money, the safe-keeping of securities and the disbursement of the funds of the Corporation; shall render to the directors when required an account of all his transactions as Treasurer and of the financial position of the Corporation; and he shall have such other powers and duties as the directors or the President may determine.
21. Other Officers. The powers and duties of all other officers shall be such as the directors or the President may determine. Any of the powers and duties of an officer to whom an assistant has been appointed may be exercised and performed by such assistant, unless the directors or the President otherwise direct.
22. Variation of Duties. The directors may, from time to time, vary, add to or limit the powers and duties of any officer.
23. Conflict of Interest. An officer shall disclose his interest in any material contract or proposed material contract in accordance with the *Canada Business Corporations Act*.
24. Agents and Attorneys. The directors shall have power from time to time to appoint agents or attorneys for the Corporation in or out of Canada with such powers (including the power to sub-delegate) of management, administration or otherwise as the directors may specify.

SHARES

25. Transfer of Shares. Subject to the *Canada Business Corporations Act*, no transfer of a share shall be registered except upon presentation of the certificate representing such share with an endorsement which complies with the *Canada Business Corporations Act*, together with such reasonable assurance that the endorsement is genuine and effective as the directors may prescribe, upon payment of all applicable taxes and fees and upon compliance with the articles of the Corporation.

26. Non-Recognition of Trust. Subject to the *Canada Business Corporations Act*, the Corporation may treat the registered holder of any share as the person exclusively entitled to vote, to receive notices, to receive any dividend or other payment in respect of the share, and to exercise all the rights and powers of an owner of the share.
27. Replacement of Share Certificates. Where the owner of a share certificate claims that the share certificate has been lost, apparently destroyed or wrongfully taken, the Corporation shall issue or cause to be issued a new certificate in place of the original certificate if the owner (i) so requests before the Corporation has notice that the share certificate has been acquired by a *bona fide* purchaser; (ii) files with the Corporation an indemnity bond sufficient in the Corporation's opinion to protect the Corporation and any transfer agent, registrar or other agent of the Corporation from any loss that it or any of them may suffer by complying with the request to issue a new share certificate; and (iii) satisfies any other reasonable requirements imposed from time to time by the Corporation.

DIVIDENDS AND RIGHTS

28. Declaration of Dividends. Subject to the *Canada Business Corporations Act* and the articles of the Corporation, the directors may from time to time declare dividends payable to the shareholders according to their respective rights and interest in the Corporation.
29. Cheques. A dividend payable in money shall be paid by cheque to the order of each registered holder of shares of the class or series in respect of which it has been declared and mailed by prepaid ordinary mail to such registered holder at the address of such holder in the Corporation's securities register, unless such holder otherwise directs. In the case of joint holders the cheque shall, unless such joint holders otherwise direct, be made payable to the order of all such joint holders and mailed to them at their address in the Corporation's securities register. The mailing of such cheque as aforesaid, unless the same is not paid on due presentation, shall satisfy and discharge the liability for the dividend to the extent of the sum represented thereby plus the amount of any tax which the Corporation is required to and does withhold.
30. Non-Receipt of Cheques. In the event of non-receipt of any dividend cheque by the person to whom it is sent as aforesaid, the Corporation shall issue to such person a replacement cheque for a like amount on such terms as to indemnity, reimbursement of expenses and evidence of non-receipt and of title as the directors may from time to time prescribe, whether generally or in any particular case.
31. Record Date for Dividends and Rights. The directors may fix in advance a date, preceding by not more than fifty days the date for payment of any dividend or the date for the issue of any warrant or other evidence of the right to subscribe for securities of the Corporation, as a record date for the determination of the persons entitled to receive payment of such dividend or to exercise the rights to subscribe for such securities, and notice of any such record date shall be given not less than seven days before such record date in the manner provided by the *Canada Business Corporations Act*. If no record date is so fixed, the record date for the determination of the persons entitled to receive payment of any dividend or to exercise the right to subscribe for securities of the Corporation shall be at the close of business on the day on which the resolution relating to such dividend or right to subscribe is passed by the directors.

32. Unclaimed Dividends. Any dividend unclaimed after a period of six years from the date on which the same has been declared to be payable shall be forfeited and shall revert to the Corporation.

INDEMNIFICATION

33. Indemnification of directors and officers. The Corporation will indemnify a director or officer of the Corporation, a former director or officer of the Corporation or another individual who acts or acted at the Corporation's request as a director or officer, or in a similar capacity, of another entity, and his or her heirs and legal representatives to the extent permitted by the *Canada Business Corporations Act*.
34. Indemnity of others. Except as otherwise required by the *Canada Business Corporations Act*, the Corporation may from time to time indemnify and save harmless any person who was or is a party or is threatened to be made a party to any threatened, pending or completed action, suit or proceeding, whether civil, criminal, administrative or investigative (other than an action by or in the right of the Corporation) by reason of the fact that he or she is or was an employee or agent of the Corporation, or is or was serving at the request of the Corporation as an employee, agent or participant in another entity against expenses (including legal fees), judgments, fines and any amount actually and reasonably incurred by him or her in connection with such action, suit or proceeding if he or she acted honestly and in good faith with a view to the best interests of the Corporation or, as the case may be, to the best interests of the other entity for which he or she served at the Corporation's request and, with respect to any criminal or administrative action or proceeding that is enforced by a monetary penalty, had reasonable grounds for believing that his or her conduct was lawful. The termination of any action, suit or proceeding by judgment, order, settlement or conviction will not, of itself, create a presumption that the person did not act honestly and in good faith with a view to the best interests of the Corporation or other entity and, with respect to any criminal or administrative action or proceeding that is enforced by a monetary penalty, had no reasonable grounds for believing that his or her conduct was lawful.
35. Right of indemnity not exclusive. The provisions for indemnification contained in the by-laws of the Corporation will not be deemed exclusive of any other rights to which any person seeking indemnification may be entitled under any agreement, vote of shareholders or directors or otherwise, both as to action in his or her official capacity and as to action in another capacity, and will continue as to a person who has ceased to be, a director, officer, employee or agent and will inure to the benefit of that person's heirs and legal representatives.
36. No liability of directors or officers for certain matters. To the extent permitted by law, no director or officer for the time being of the Corporation will be liable for the acts, receipts, neglects or defaults of any other director or officer or employee or for joining in any receipt or act for conformity or for any loss, damage or expense happening to the Corporation through the insufficiency or deficiency of title to any property acquired by the Corporation or for or on behalf of the Corporation or for the insufficiency or deficiency of any security in or upon which any of the moneys of or belonging to the Corporation will be placed out or invested or for any loss or damage arising from the bankruptcy, insolvency or tortious act of any person, firm or body corporate with whom or which any moneys, securities or other assets belonging to the Corporation will be lodged or deposited or for any loss, conversion, misapplication or misappropriation of or any damage resulting from any dealings with any moneys, securities or other assets belonging to the Corporation or for any other loss, damage or misfortune whatever which may happen in the execution of the duties of his or her respective office or trust or in relation thereto unless the same will happen by or through his or her failure to act honestly and in good faith with a view to the best interests of the Corporation and in connection therewith to exercise the care, diligence and skill that a reasonably prudent person would exercise in comparable circumstances. If any director or officer of the Corporation is employed by or performs services for the Corporation otherwise than as a director or officer or is a member of a firm or a shareholder, director or officer of a body corporate which is employed by or performs services for the Corporation, the fact that the person is a director or officer of the Corporation will not disentitle such director or officer or such firm or body corporate, as the case may be, from receiving proper remuneration for such services.

BANKING ARRANGEMENTS, CONTRACTS, ETC.

37. Banking arrangements. The banking business of the Corporation, or any part thereof, will be transacted with such banks, trust companies or other financial institutions as the board may designate, appoint or authorize from time to time and all such banking business, or any part thereof, will be transacted on the Corporation's behalf by one or more officers or other persons as the board may designate, direct or authorize from time to time.
39. Execution of instruments. Contracts, documents or instruments in writing requiring execution by the Corporation will be signed by hand any two directors or officers and all contracts, documents or instruments in writing so signed will be binding upon the Corporation without any further authorization or formality. The board is authorized from time to time by resolution
- (a) to appoint any officer or any other person on behalf of the Corporation to sign by hand (whether under the corporate seal of the Corporation, if any, or otherwise) and deliver either contracts, documents or instruments in writing generally or to sign either by hand or by facsimile or mechanical signature or otherwise (whether under the corporate seal of the Corporation, if any, or otherwise) and deliver specific contracts, documents or instruments in writing, and
 - (b) to delegate to any two officers of the Corporation the powers to designate, direct or authorize from time to time in writing one or more officers or other persons on the Corporation's behalf to sign either by hand or by facsimile or mechanical signature or otherwise (whether under the corporate seal of the Corporation, if any, or otherwise) and deliver contracts, documents or instruments in writing of such type and on such terms and conditions as such two officers see fit.

Contracts, documents or instruments in writing that are to be signed by hand may be signed electronically. The term "contracts, documents or instruments in writing" as used in this by-law includes without limitation deeds, mortgages, charges, conveyances, powers of attorney, transfers and assignments of property of all kinds (including specifically but without limitation transfers and assignments of shares, warrants, bonds, debentures or other securities), proxies for shares or other securities and all paper writings.

NOTICES

39. General. A notice or document required by the *Canada Business Corporations Act*, the regulations thereunder, the articles or the by-laws of the Corporation to be sent to a shareholder or director of the Corporation may be sent by prepaid mail addressed to, or may be delivered personally to, the shareholder at his latest address as shown in the records of the Corporation or to the director at his latest address as shown in the records of the Corporation or in the most recent notice filed under the *Canada Business Corporations Act*, whichever is the more current, or may be sent by any electronic means that produces a written copy. A notice or document if mailed to a shareholder or director of the Corporation shall be deemed to have been given when deposited in a post office or public letter box. If the Corporation sends a notice or document to a shareholder in accordance with this section and the notice or document is returned on three consecutive occasions because the shareholder cannot be found, the Corporation is not required to send any further notices or documents to the shareholder until he informs the Corporation in writing of his new address.

MISCELLANEOUS

40. Invalidity of any provisions of this by-law. The invalidity or unenforceability of any provision of this by-law will not affect the validity or enforceability of the remaining provisions of this by-law.
41. Omissions and errors. The accidental omission to give any notice to any shareholder, director, officer or auditor or the non-receipt of any notice by any shareholder, director, officer or auditor or any error in any notice not affecting its substance will not invalidate any action taken at any meeting to which the notice related or otherwise founded on the notice.

INTERPRETATION

42. Interpretation. In this by-law and all other by-laws of the Corporation words importing the singular number only include the plural and vice versa; words importing any gender include all genders; words importing persons include individuals, corporations, limited and unlimited liability companies, general and limited partnerships, associations, trusts, unincorporated organizations, joint ventures and governmental authorities; "board" means the board of directors of the Corporation; "*Canada Business Corporations Act*" means *Canada Business Corporations Act*, R.S.C. 1985, c. C-44 as from time to time amended, re-enacted or replaced; terms that are not otherwise defined in this by-law have the meanings attributed to them in the *Canada Business Corporations Act*; and "meeting of shareholders" means an annual meeting of shareholders or a special meeting of shareholders.

REPEAL

43. Repeal. By-law No. 1 of the Corporation is repealed as of the coming into force of this by-law provided that such repeal will not affect the previous operation of any by-law so repealed or affect the validity of any act done or right, privilege, obligation or liability acquired or incurred under or the validity of any contract or agreement made pursuant to any such by-law prior to its repeal. All officers and persons acting under any by-law so repealed will continue to act as if appointed by the directors under the provisions of this by-law or the *Canada Business Corporations Act* until their successors are appointed.

Certificate of Amendment*Canada Business Corporations Act***Certificat de modification***Loi canadienne sur les sociétés par actions*

Aptose Biosciences Inc.

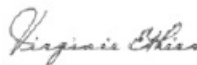
Corporate name / Dénomination sociale

665030-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 178 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 178 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.



Virginie Ethier

Director / Directeur

2015-06-12

Date of Amendment (YYYY-MM-DD)

Date de modification (AAAA-MM-JJ)



- 1 Corporate name
Dénomination sociale
Aptose Biosciences Inc.
- 2 Corporation number
Numéro de la société
665030-9
- 3 The articles are amended as follows
Les statuts sont modifiés de la façon suivante

See attached schedule / Voir l'annexe ci-jointe

- 4 Declaration: I certify that I am a director or an officer of the corporation.
Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
GREGORY K. CHOW
GREGORY K. CHOW
650-718-5028

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.

Schedule / Annexe
Amendment Schedules / Annexes - Modification

Meetings of shareholders may be held at any of the following places in the United States: San Diego, California; New York, New York; Los Angeles, California; San Francisco, California; Seattle, Washington; Portland, Oregon; Atlanta, Georgia; Boston, Massachusetts; Chicago, Illinois; Philadelphia, Pennsylvania; Dallas, Texas; Phoenix, Arizona; Detroit, Michigan; Houston, Texas; San Antonio, Texas and Washington, District of Columbia; in Europe: London, England; Paris, France; Zug, Switzerland; Zurich, Switzerland; Basel, Switzerland, or in any place in Canada that the directors determine from time to time.



Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

Aptose Biosciences Inc.

Corporate name / Dénomination sociale

665030-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 178 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 178 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.

Virginie Ethier

Director / Directeur

2014-10-01

Date of Amendment (YYYY-MM-DD)
Date de modification (AAAA-MM-JJ)



1	Corporate name Dénomination sociale Aptose Biosciences Inc.
2	Corporation number Numéro de la société 665030-9
3	The articles are amended as follows Les statuts sont modifiés de la façon suivante

See attached schedule / Voir l'annexe ci-jointe

4	Declaration: I certify that I am a director or an officer of the corporation. Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.
---	---

Original signed by / Original signé par
Avanish Vellanki

Avanish Vellanki
650-351-6715

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.

SCHEDULE A OF
ARTICLES OF AMENDMENT OF
APTOSE BIOSCIENCES INC.
(THE "CORPORATION")

The Articles of the Corporation are hereby amended pursuant to Section 173(1)(h) of the *Canada Business Corporations Act* to provide that the issued and outstanding common shares of the Corporation (the "**Common Shares**") be consolidated on the basis of one (1) post-consolidation Common Share for each twelve (12) outstanding pre-consolidation Common Shares without amending the stated capital account for the Common Shares of the Corporation.

No fractional Common Share shall be issued and any fractional Common Share of the Corporation resulting from such consolidation shall be rounded up or down to the nearest whole Common Share without any payment or other compensation being made to any shareholder in respect thereof.



Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

Aptose Biosciences Inc.

Corporate name / Dénomination sociale

665030-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 178 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 178 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.

Virginie Ethier

Director / Directeur

2014-08-28

Date of Amendment (YYYY-MM-DD)
Date de modification (AAAA-MM-JJ)



- 1 Corporate name
Dénomination sociale
Lorus Therapeutics Inc.
- 2 Corporation number
Numéro de la société
665030-9
- 3 The articles are amended as follows
Les statuts sont modifiés de la façon suivante
- The corporation changes its name to:
La dénomination sociale est modifiée pour :
Aptose Biosciences Inc.

- 4 Declaration: I certify that I am a director or an officer of the corporation.
Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
Avanish Vellanki
Avanish Vellanki
650-351-6715

Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250 (1) of the CBCA).

Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ et d'un emprisonnement maximal de six mois, ou l'une de ces peines (paragraphe 250(1) de la LCSA).

You are providing information required by the CBCA. Note that both the CBCA and the *Privacy Act* allow this information to be disclosed to the public. It will be stored in personal information bank number IC/PPU-049.

Vous fournissez des renseignements exigés par la LCSA. Il est à noter que la LCSA et la *Loi sur les renseignements personnels* permettent que de tels renseignements soient divulgués au public. Ils seront stockés dans la banque de renseignements personnels numéro IC/PPU-049.



Certificate of Amendment

Canada Business Corporations Act

Certificat de modification

Loi canadienne sur les sociétés par actions

Lorus Therapeutics Inc.

Corporate name / Dénomination sociale

665030-9

Corporation number / Numéro de société

I HEREBY CERTIFY that the articles of the above-named corporation are amended under section 179 of the *Canada Business Corporations Act* as set out in the attached articles of amendment.

JE CERTIFIE que les statuts de la société susmentionnée sont modifiés aux termes de l'article 179 de la *Loi canadienne sur les sociétés par actions*, tel qu'il est indiqué dans les clauses modificatrices ci-jointes.

Aïssa Aomari

Deputy Director / Directeur adjoint

2010-05-25

Date of Amendment (YYYY-MM-DD)

Date de modification (AAAA-MM-JJ)



Industry
Canada

Industrie
Canada

Form 4
Articles of Amendment
Canada Business Corporations Act
(CBCA) (s. 27 or 177)

Formulaire 4
Clauses modificatrices
Loi canadienne sur les sociétés par
actions (LCSA) (art. 27 ou 177)

- 1 Corporate name
Dénomination sociale
Lorus Therapeutics Inc.
- 2 Corporation number
Numéro de la société
665030-9
- 3 The articles are amended as follows
Les statuts sont modifiés de la façon suivante

The corporation amends the description of classes of shares as follows:
La description des catégories d'actions est modifiée comme suit :
See attached schedule / Voir l'annexe ci-jointe

- 4 Declaration: I certify that I am a director or an officer of the corporation.
Déclaration : J'atteste que je suis un administrateur ou un dirigeant de la société.

Original signed by / Original signé par
Aiping Young
Aiping Young
416-798-1200

Note: Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).
Nota : Faire une fausse déclaration constitue une infraction et son auteur, sur déclaration de culpabilité par procédure sommaire, est passible d'une amende maximale de 5 000 \$ ou d'un emprisonnement maximal de six mois, ou de ces deux peines (paragraphe 250(1) de la LCSA).

Canada

IC 3069 (2008/04)

Schedule / Annexe

Description of Classes of Shares / Description des catégories d'actions

(A) the authorized capital of the Corporation is altered by consolidating all of the issued and outstanding common shares ("Shares") of the Corporation without par value on the basis of a consolidation ratio of 30 pre-consolidation Shares to one post-consolidation Share; and

(B) in the event that the consolidation would otherwise result in the issuance of a fractional share, no fractional share shall be issued and such fraction will be rounded down to the nearest whole number.



Articles of Amendment

(Section 27 or 177 of the Canada Business Corporations Act (CBCA))

Form 4

Instructions

3 Any changes in the articles of the corporation must be made in accordance with section 27 or 177 of the CBCA.

A: If an amendment involves a change of corporate name (including the addition of the English or French version of the corporate name), the new name must comply with sections 10 and 12 of the CBCA as well as part 2 of the regulations, and the Articles of Amendment must be accompanied by a Canada-biased NUANS® search report dated not more than ninety (90) days prior to the receipt of the articles by Corporations Canada. A numbered name may be assigned under subsection 11(2) of the CBCA without a NUANS® search.

D: Any other amendments must correspond to the paragraphs and subparagraphs referenced in the articles being amended. If the space available is insufficient, please attach a schedule to the form.

4 Declaration

This form must be signed by a director or an officer of the corporation (subsection 262(2) of the CBCA).

General

The information you provide in this document is collected under the authority of the CBCA and will be stored in personal information bank number IC/PPU-049. Personal information that you provide is protected under the provisions of the Privacy Act. However, public disclosure pursuant to section 266 of the CBCA is permitted under the Privacy Act.

If you require more information, please consult our website at www.corporationscanada.ic.gc.ca or contact us at 613-941-9042 (Ottawa region), toll-free at 1-866-333-5556 or by email at corporationscanada@ic.gc.ca.

Prescribed Fees

- Corporations Canada Online Filing Centre: \$200
- By mail or fax: \$200 paid by cheque payable to the Receiver General for Canada or by credit card (American Express®, MasterCard® or Visa®).

Important Reminders

Changes of registered office address and/or mailing address:

Complete and file Change of Registered Office Address (Form 3).

Changes of directors or changes of a director's address:

Complete and file Changes Regarding Directors (Form 5).

These forms can be filed electronically, by mail or by fax free of charge.

File documents online:
**Corporations Canada Online
Filing Centre:
www.corporationscanada.ic.gc.ca**

Or send documents by mail:

**Director General,
Corporations Canada
Jean Edmonds Tower South
9th Floor
365 Laurier Ave. West
Ottawa ON K1A 0C8**

By Facsimile:
613-941-0999

1 Corporation name

Lorus Therapeutics Inc.

2 Corporation number

665030-9

3 The articles are amended as follows:

(Please note that more than one section can be filled out)

A: The corporation changes its name to:

B: The corporation changes the province or territory in Canada where the registered office is situated to: (Do not indicate the full address)

C: The corporation changes the minimum and/or maximum number of directors to: (For a fixed number of directors, please indicate the same number in both the minimum and maximum options)

minimum:

maximum:

D: Other changes: (e.g., to the classes of shares, to restrictions on share transfers, to restrictions on the businesses of the corporation or to any other provisions that are permitted by the CBCA to be set out in the Articles) Please specify.

See attached Schedule A.

4 Declaration

I hereby certify that I am a director or an officer of the corporation.

SIGNATURE

Alping Young

(416) 798-1200

PRINT NAME

TELEPHONE NUMBER

Note: Misrepresentation constitutes an offence and, on summary conviction, a person is liable to a fine not exceeding \$5000 or to imprisonment for a term not exceeding six months or both (subsection 250(1) of the CBCA).

LORUS THERAPEUTICS INC.

Schedule A

Articles of Amendment

The Corporation is hereby authorized to amend its articles of incorporation to provide that:


- (A) the authorized capital of the Corporation is altered by consolidating all of the issued and outstanding common shares ("Shares") of the Corporation without par value on the basis of a consolidation ratio of 30 pre-consolidation Shares to one post-consolidation Share; and
- (B) in the event that the consolidation would otherwise result in the issuance of a fractional share, no fractional share shall be issued and such fraction will be rounded down to the nearest whole number.

Certificate of Arrangement

Canada Business Corporations Act

Certificat d'arrangement

Loi canadienne sur les sociétés par actions

LORUS THERAPEUTICS INC.	432523-1
6650309 CANADA INC.	665030-9
_____ Name of CBCA corporation(s) involved - Dénomination(s) de la (des) société(s) L.C.S.A. concernée(s)	_____ Corporation number - Numéro de la société
I hereby certify that the arrangement set out in the attached articles of arrangement, involving the above-referenced corporation(s), has been effected under section 192 of the <i>Canada Business Corporations Act</i> .	Je certifie que l'arrangement mentionné dans les clauses d'arrangement annexées, concernant la (les) société(s) susmentionnée(s), a pris effet en vertu de l'article 192 de la <i>Loi canadienne sur les sociétés par actions</i> .
 _____ Richard G. Shaw Director - Directeur	July 10, 2007 / le 10 juillet 2007 Date of Arrangement - Date de l'arrangement



Industry Canada Industrie Canada
 Canada Business Corporations Act Loi canadienne sur les sociétés par actions

FORM 14.1
 ARTICLES OF ARRANGEMENT
 (SECTION 192)

FORMULAIRE 14.1
 CLAUSES D'ARRANGEMENT
 (ARTICLE 192)

1 - Name of the applicant corporation(s) - Dénomination sociale de la(des) requérante(s) Lorus Therapeutics Inc. 6650309 Canada Inc.	2 - Corporation No.(s) - N°(s) de la(des) société(s) 432523-1 665030-9
3 - Name of the corporation(s) the articles of which are amended, if applicable Dénomination sociale de la(des) société(s) dont les statuts sont modifiés, le cas échéant Lorus Therapeutics Inc. 6650309 Canada Inc.	4 - Corporation No.(s) - N°(s) de la(des) société(s) 432523-1 665030-9
5 - Name of the corporation(s) created by amalgamation, if applicable Dénomination sociale de la(des) société(s) issue(s) de la(des) fusion(s), le cas échéant N/A	6 - Corporation No.(s) - N°(s) de la(des) société(s)
7 - Name of the dissolved corporation(s), if applicable Dénomination sociale de la(des) société(s) dissoute(s), le cas échéant N/A	8 - Corporation No.(s) - N°(s) de la(des) société(s)
9 - Name of other corporations involved, if applicable Dénomination sociale des autres sociétés en cause, le cas échéant The annexed Schedule 1 is incorporated in this form.	10 - Corporation No.(s) or Jurisdiction of Incorporation N°(s) de la(des) société(s) ou loi sous le régime de laquelle elle est constituée

11 - In accordance with the order approving the arrangement - Conformément aux termes de l'ordonnance approuvant l'arrangement

The articles of the above named corporation(s) are amended in accordance with the attached plan of arrangement
 Les statuts de la(des) société(s) susmentionnée(s) sont modifiés en conformité avec le plan d'arrangement ci-joint

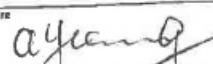
The name of Lorus Therapeutics Inc. is changed to 4325231 Canada Inc.
 The name of 6650309 Canada Inc. is changed to Lorus Therapeutics Inc.
 La dénomination sociale de _____ est modifiée pour _____

The following bodies corporate are amalgamated in accordance with the attached plan of arrangement
 Les personnes morales suivantes sont fusionnées conformément au plan d'arrangement ci-joint

The above named corporation(s) is(are) liquidated and dissolved in accordance with the attached plan of arrangement
 La(les) société(s) susmentionnée(s) est(sont) liquidée(s) et dissoute(s) conformément au plan d'arrangement ci-joint

The plan of arrangement attached hereto, involving the above named body(ies), corporate is hereby effected
 Le plan d'arrangement ci-joint portant sur la(les) personne(s) morale(s) susmentionnée(s) prend effet

The annexed Appendix A is incorporated in this form pursuant to section 3.01(7) of the plan of arrangement.

Signature 	Printed Name - Nom en lettres moulées Alping H. Young	12 - Capacity of - En qualité de President	13 - Tel. No. - N° de tél. 416-798-1200
--	--	---	--

FOR DEPARTMENTAL USE ONLY - À L'USAGE DU MINISTÈRE SEULEMENT

JUL 10 2007



Schedule 1

9. Names of other corporations involved:	10. Corporation Nos. or Jurisdiction of Incorporation
6707157 Canada Inc.	670715-7
GeneSense Technologies Inc.	3309100
NuChem Pharmaceuticals Inc.	Ontario
Pinnacle International Lands, Inc.	British Columbia

PLAN OF ARRANGEMENT

made pursuant to

Section 192 of the Canada Business Corporations Act

ARTICLE 1
DEFINITIONS

1.01 Definitions

In this Plan, unless the context otherwise requires:

- (1) “**Act**” means the *Canada Business Corporations Act*, R.S.C. 1985, c. C-44, as from time to time amended or re-enacted, including all regulations promulgated thereunder;
- (2) “**Antisense Patent Assets**” means those assets set out in the Antisense Patent Assets Transfer Agreement;
- (3) “**Antisense Patent Assets Transfer Agreement**” means the asset purchase agreement to be entered into between GeneSense and New Lorus pursuant to which GeneSense will transfer the Antisense Patent Assets to New Lorus and substantially in the form attached as Schedule C to the Arrangement Agreement;
- (4) “**Appropriate Number**” means that number of Old Lorus Voting Shares which, if combined with the aggregate number of Old Lorus Voting Shares purchased pursuant to Section 3.01(24), would result in Investor holding a total number of Old Lorus Voting Shares representing approximately 41% of the issued and outstanding Old Lorus Voting Shares at the conclusion of the Arrangement;
- (5) “**Arrangement**” means the business reorganization pursuant to which, among other things, Investor will acquire approximately 41% of the issued and outstanding voting shares and all of the issued and outstanding non-voting shares of Old Lorus as contemplated by this Plan pursuant to section 192 of the Act;
- (6) “**Arrangement Agreement**” means the arrangement agreement between Old Lorus, NuChem, GeneSense, New Lorus, Pinnacle and Investor dated as of May 1, 2007 which sets out the terms and conditions pursuant to which the parties thereto will effect the Arrangement;
- (7) “**Articles of Arrangement**” means the articles of arrangement of Old Lorus in respect of the Arrangement required under subsection 193(6) of the Act to be filed with the Director after the Final Order has been made in order to give effect to the Arrangement;

- (8) **"Business Day"** means a day, other than a Saturday, Sunday or other day, when banks in Toronto, Ontario or Vancouver, British Columbia are not generally open for business;
 - (9) **"Court"** means the Ontario Superior Court of Justice;
 - (10) **"Debenture Assumption Agreement"** means the agreement to be entered into between Old Lorus and New Lorus pursuant to which New Lorus will assume Old Lorus' obligation to pay TEMIC the aggregate principal amount of \$15,000,000 plus accrued interest owing under the Old Lorus Debentures, as contemplated by Section 3.01(3);
 - (11) **"Depository"** means Computershare Investor Services Inc., the appointed depository in respect of the Arrangement at its principal transfer office in Toronto, Ontario;
 - (12) **"Director"** means the Director appointed under the Act;
 - (13) **"Dissent Rights"** has the meaning ascribed thereto in Section 5.01;
 - (14) **"Effective Date"** means the effective date set out in the Articles of Arrangement which are filed with the Director;
 - (15) **"Effective Time"** means 12:01 a.m. (Toronto time) on the Effective Date;
 - (16) **"Escrow Agreement"** has the meaning ascribed thereto in the Arrangement Agreement;
 - (17) **"Final Order"** means the final order of the Court issued in connection with the approval of the Arrangement, providing, among other matters, for the Arrangement to be sanctioned and to take effect, as such order may be affirmed, amended or modified by any court of competent jurisdiction;
 - (18) **"GeneSense"** means GeneSense Technologies Inc., a corporation existing under the laws of Canada;
 - (19) **"GeneSense Share Purchase Agreement"** means the share purchase agreement to be entered into between Old Lorus and New Lorus pursuant to which Old Lorus will transfer all of the GeneSense Shares to New Lorus and substantially in the form attached as Schedule G to the Arrangement Agreement;
 - (20) **"GeneSense Shares"** means common shares in the capital of GeneSense;
 - (21) **"Information Circular"** means the management proxy circular relating to the Old Lorus Securityholders' Meeting and forwarded to Old Lorus Securityholders in connection with, among other things, the transactions contemplated in this Plan;
-

- (22) **"Interim Order"** means an interim order of the Court concerning the Arrangement under subsection 192(4) of the Act, containing declarations and directions with respect to the Arrangement and the holding of the Old Lorus Securityholders' Meeting, as such order may be affirmed, amended or modified by any court of competent jurisdiction;
- (23) **"Investor"** means 6707157 Canada Inc., a corporation existing under the laws of Canada;
- (24) **"Letter of Transmittal"** means the letter of transmittal enclosed with the Information Circular pursuant to which an Old Lorus Securityholder is required to surrender certificates representing Old Lorus Securities in order to receive, upon completion of the Arrangement, New Lorus Securities issued pursuant to the Arrangement and, as applicable, Old Lorus Voting Shares or a cash payment in lieu thereof;
- (25) **"Lock-Up Holders"** has the meaning ascribed thereto in Section 3.01(24);
- (26) **"New Lorus"** means 6650309 Canada Inc., a corporation existing under the laws of Canada;
- (27) **"New Lorus Note 1"** has the meaning ascribed thereto in Section 3.01(10);
- (28) **"New Lorus Note 2"** has the meaning ascribed thereto in Section 3.01(14);
- (29) **"New Lorus Note 3"** has the meaning ascribed thereto in Section 3.01(15);
- (30) **"New Lorus Replacement Note"** has the meaning ascribed thereto in Section 3.01(18);
- (31) **"New Lorus Options"** has the meaning ascribed thereto in Section 3.01(1);
- (32) **"New Lorus Securities"** has the meaning ascribed thereto in Section 3.01(1);
- (33) **"New Lorus Shares"** has the meaning ascribed thereto in Section 3.01(1);
- (34) **"New Lorus Warrants"** has the meaning ascribed thereto in Section 3.01(1);
- (35) **"NuChem"** means NuChem Pharmaceuticals Inc., a corporation existing under the laws of Ontario;
- (36) **"NuChem Share Purchase Agreement"** means the share purchase agreement to be entered into between Old Lorus and New Lorus pursuant to which Old Lorus will transfer all of the NuChem Shares held by it to New Lorus and substantially in the form attached as Schedule H to the Arrangement Agreement;
- (37) **"NuChem Shares"** means common shares in the capital of NuChem;

- (38) **"Old Lorus"** means Lorus Therapeutics Inc., a corporation existing under the laws of Canada;
- (39) **"Old Lorus Debentures"** means the prime plus 1% secured convertible debentures of Old Lorus due on October 6, 2009 in the aggregate principal amount of \$15,000,000, issued to TEMIC in equal amounts of \$5,000,000 each on each of October 6, 2004, January 15, 2005 and April 15, 2005;
- (40) **"Old Lorus Non-Voting Shares"** means the non-voting common shares of Old Lorus issued and outstanding following the reorganization of Old Lorus' share capital pursuant to the Arrangement;
- (41) **"Old Lorus Note"** has the meaning ascribed thereto in Section 3.01(3);
- (42) **"Old Lorus Options"** means the issued and outstanding stock options issued to directors, senior officers, employees and consultants of Old Lorus, governed by the terms of the Old Lorus Stock Option Plans and permitting the holders thereof to purchase an aggregate of up to 25,921,000 Old Lorus Shares, as such number may be amended from time to time;
- (43) **"Old Lorus Securities"** means, collectively, the Old Lorus Debentures, the Old Lorus Options, the Old Lorus Shares and the Old Lorus Warrants;
- (44) **"Old Lorus Securityholders"** means, collectively, the holders of Old Lorus Shares, Old Lorus Options, Old Lorus Warrants and Old Lorus Debentures;
- (45) **"Old Lorus Securityholders' Meeting"** means the special meeting of Old Lorus Securityholders, and any adjournments thereof, called to consider and authorize, approve and adopt, among other things, the Arrangement in accordance with the Interim Order;
- (46) **"Old Lorus Shareholders"** means the holders of Old Lorus Shares;
- (47) **"Old Lorus Share Purchase Plan"** means the Old Lorus employee share purchase plan;
- (48) **"Old Lorus Shares"** means the common shares of Old Lorus issued and outstanding immediately prior to the reorganization of Old Lorus' share capital pursuant to the Arrangement;
- (49) **"Old Lorus Stock Option Plans"** means, collectively, Old Lorus' 2003 Stock Option Plan and the 1993 Stock Option Plan;
- (50) **"Old Lorus Voting Shares"** means the voting common shares of Old Lorus issued and outstanding following the reorganization of Old Lorus' share capital pursuant to the Arrangement;

- (51) **"Old Lorus Warrants"** means the 3,000,000 issued and outstanding common share purchase warrants of Old Lorus issued to TEMIC, each of which entitles TEMIC to acquire, subject to adjustment, one Old Lorus Share at a price per share of \$1.00;
- (52) **"Pinnacle"** means Pinnacle International Lands, Inc., a corporation existing under the laws of British Columbia;
- (53) **"Pinnacle Share Purchase Agreement"** means the share purchase agreement to be entered into between Investor and New Lorus pursuant to which Investor will purchase from New Lorus the Appropriate Number of Old Lorus Voting Shares and all of the Old Lorus Non-Voting Shares and substantially in the form attached as Schedule I to the Arrangement Agreement;
- (54) **"Plan"** means this plan of arrangement as amended or supplemented from time to time, and "hereby", "hereof", "herein", "hereunder", "herewith" and similar terms refer to this Plan and not to any particular provision of this Plan;
- (55) **"Prepaid Expenses and Receivables"** means those assets set out in the Prepaid Expenses and Receivables Transfer Agreement;
- (56) **"Prepaid Expenses and Receivables Transfer Agreement"** means the asset purchase agreement to be entered into between Old Lorus and GeneSense pursuant to which Old Lorus will transfer the Prepaid Expenses and Receivables to GeneSense and substantially in the form attached as Schedule F to the Arrangement Agreement;
- (57) **"resident in the United States"** shall be determined as provided in Rule 12g-4(a)(2) under the United States Securities Exchange Act of 1934, as amended;
- (58) **"Tangible Business Assets"** means Old Lorus' depreciable property set out in the Tangible Business Assets Transfer Agreement;
- (59) **"Tangible Business Assets Transfer Agreement"** means the asset purchase agreement to be entered into between Old Lorus and GeneSense pursuant to which Old Lorus will transfer the Tangible Business Assets to GeneSense and substantially in the form attached as Schedule E to the Arrangement Agreement;
- (60) **"TEMIC"** means The Erin Mills Investment Corporation;
- (61) **"Transfer Agent and Registrar"** means Computershare Investor Services Inc.;
- (62) **"United States"** means the United States of America, its territories and possessions, any state of the United States and the District of Columbia;
- (63) **"Virulizin and Small Molecule Patent Assets"** means those assets set out in the Virulizin and Small Molecule Patent Assets Transfer Agreement;

- (64) **“Virulizin and Small Molecule Patent Assets Transfer Agreement”** means the asset purchase agreement to be entered into by Old Lorus and GeneSense pursuant to which Old Lorus will transfer the Virulizin and Small Molecule Patent Assets to GeneSense and substantially in the form attached as Schedule D to the Arrangement Agreement; and
- (65) **“Warrant Purchase Agreement”** means the warrant purchase agreement between New Lorus and TEMIC pursuant to which New Lorus has agreed to purchase the New Lorus Warrants from TEMIC dated May 1, 2007.

1.02 **Headings**

The headings contained in this Plan are for reference purposes only and will not affect in any way the meaning or interpretation of this Plan.

1.03 **Interpretation**

Unless the contrary intention appears, references in this Plan to an article, section, paragraph, subparagraph or schedule by number or letter or both refer to the article, section, paragraph, subparagraph or schedule bearing that designation in this Plan.

1.04 **Extended Meanings**

In this Plan, unless the contrary intention appears, words importing the singular include the plural and vice versa; words importing gender will include all genders; “person” includes any individual, partnership, firm, trust, body corporate, government, governmental body, agency or instrumentality, unincorporated body of persons or association; and the term “including” means “including without limiting the generality of the foregoing”.

1.05 **Date for any Action**

In the event that the date on which any action is required to be taken hereunder by any of the parties is not a Business Day in the place where the action is required to be taken, such action will be required to be taken on the next succeeding day which is a Business Day in such place.

1.06 **Statutory References**

References in this Plan to any statute or sections thereof will include such statute as amended or substituted and any regulations promulgated thereunder from time to time in effect.

1.07 **Deemed Currency**

Unless otherwise stated, all references in this Plan to sums of money are expressed in lawful money of Canada.

ARTICLE 2
PURPOSE AND EFFECT OF THE PLAN

2.01 Purpose and Effect of the Plan

The purpose of this Plan is to carry out a reorganization of the business, assets, liabilities and share capital of Old Lorus, GeneSense, NuChem and New Lorus as described in Section 3.01.

ARTICLE 3
ARRANGEMENT

3.01 Arrangement

At the Effective Time, each of the events set out below will occur and be deemed to occur in the sequence set out without further act or formality:

- (1) The Old Lorus Shareholders, holders of Old Lorus Options and holders of Old Lorus Warrants will transfer their Old Lorus Shares, Old Lorus Options and Old Lorus Warrants, as applicable, to New Lorus in exchange for the issuance by New Lorus of shares (the "New Lorus Shares"), options (the "New Lorus Options") and warrants (the "New Lorus Warrants" and, together with the New Lorus Shares and the New Lorus Options, the "New Lorus Securities"), respectively, having the same value, terms and conditions as the Old Lorus Shares, Old Lorus Options and Old Lorus Warrants;
- (2) New Lorus will repurchase the New Lorus Warrants from TEMIC pursuant to the Warrant Purchase Agreement;
- (3) Pursuant to the Debenture Assumption Agreement, New Lorus will assume Old Lorus' obligation to pay TEMIC the \$15,000,000 aggregate principal amount of the Old Lorus Debentures plus accrued and unpaid interest thereon in consideration for Old Lorus issuing a non-interest bearing promissory note to New Lorus for an amount equal to the amount owing under the Old Lorus Debentures (the "Old Lorus Note"). The right of TEMIC under the Old Lorus Debentures to convert such debentures into Old Lorus Shares will be exchanged for the right to convert such debentures into an equal number of New Lorus Shares;
- (4) Old Lorus will surrender to New Lorus for cancellation the initial New Lorus Share that was issued to Old Lorus upon the incorporation of New Lorus;
- (5) The articles of Old Lorus will be amended to change its name to "4325231 Canada Inc." or a name to be used for real estate development purposes;
- (6) The articles of New Lorus will be amended to change its name to "Lorus Therapeutics Inc.";

- (7) The articles of Old Lorus will be amended to conform with the form of the amended articles agreed upon in writing by the parties to the Arrangement Agreement on or prior to the date of the Interim Order, such amendments to effect, among other things, a reorganization of the share capital of Old Lorus to create an unlimited number of Old Lorus Voting Shares and an unlimited number of Old Lorus Non-Voting Shares. The Old Lorus Voting Shares and the Old Lorus Non-Voting Shares will rank equally with respect to participation in dividends and the liquidation of Old Lorus;
- (8) As part of the reorganization of the share capital of Old Lorus, the Old Lorus Shares held by New Lorus will be exchanged for 21,127,828 Old Lorus Voting Shares and 2,078,872,172 Old Lorus Non-Voting Shares, the Old Lorus Options and the Old Lorus Warrants will be cancelled and a right to acquire Old Lorus Shares under the Old Lorus Share Purchase Plan will become a right to acquire an equivalent number of New Lorus Shares under such plan;
- (9) Pursuant to the Tangible Business Assets Transfer Agreement, Old Lorus will transfer the Tangible Business Assets to GeneSense in consideration for the issuance by GeneSense of one GeneSense Share to Old Lorus;
- (10) Pursuant to the Antisense Patent Assets Transfer Agreement, GeneSense will transfer the Antisense Patent Assets to New Lorus in consideration for the issuance by New Lorus to GeneSense of a demand non-interest bearing promissory note in an amount equal to the fair market value of the Antisense Patent Assets ("New Lorus Note 1");
- (11) Pursuant to the Virulizin and Small Molecule Patent Assets Transfer Agreement, Old Lorus will transfer the Virulizin and Small Molecule Patent Assets to GeneSense in consideration for the issuance by GeneSense of one GeneSense Share to Old Lorus;
- (12) GeneSense will repay its debt owing to Old Lorus in exchange for the issuance by GeneSense of one GeneSense Share to Old Lorus;
- (13) Pursuant to the Prepaid Expenses and Receivables Transfer Agreement, Old Lorus will transfer the Prepaid Expenses and Receivables to GeneSense in exchange for the issuance by GeneSense of one GeneSense Share to Old Lorus;
- (14) Pursuant to the GeneSense Share Purchase Agreement, Old Lorus will transfer all of the GeneSense Shares to New Lorus at a price equal to their fair market value in exchange for the assumption by New Lorus of Old Lorus' remaining liabilities and transaction costs (other than the Old Lorus Note) and the issuance by New Lorus of a demand non-interest bearing promissory note to Old Lorus for an amount equal to the amount by which the purchase price for the GeneSense Shares exceeds the amount of Old Lorus' liabilities assumed by New Lorus ("New Lorus Note 2");

- (15) Pursuant to the NuChem Share Purchase Agreement, Old Lorus will transfer all of the NuChem Shares held by it to New Lorus at a price equal to their fair market value in consideration for the issuance by New Lorus to Old Lorus of a demand, non-interest bearing promissory note in an amount equal to the purchase price for the NuChem Shares ("**New Lorus Note 3**");
- (16) Old Lorus will assign all of its contractual obligations to New Lorus or its assignee and New Lorus or its assignee will assume such obligations;
- (17) New Lorus will offer employment to all of the employees of Old Lorus and will assume all employment obligations related thereto;
- (18) New Lorus will repay the amount owing by New Lorus to Old Lorus under the New Lorus Note 2 and the New Lorus Note 3 by way of set off against the Old Lorus Note and the issuance to Old Lorus of a replacement non-interest bearing demand promissory note (the "**New Lorus Replacement Note**") for an amount equal to the amount by which the aggregate amount owing by New Lorus under the New Lorus Note 2 and the New Lorus Note 3 exceeds the amount of the Old Lorus Note;
- (19) Old Lorus will reduce its stated capital by an amount equal to its remaining cash, cash equivalents, and short term and long term investments, less the amount required to fund the repurchase of Old Lorus Voting Shares described in Section 3.01(23), plus an amount equal to the amount of the New Lorus Replacement Note and will distribute such property to New Lorus in satisfaction of the capital reduction amount;
- (20) **[intentionally deleted]**
- (21) Pursuant to the Pinnacle Share Purchase Agreement, Investor will purchase the Appropriate Number of the Old Lorus Voting Shares and all of the Old Lorus Non-Voting Shares from New Lorus in consideration of a cash payment equal to \$0.0040775156 per Old Lorus Voting Share and \$0.0040775156 per Old Lorus Non-Voting Share, subject to payment and adjustment in accordance with the Pinnacle Share Purchase Agreement and a holdback pursuant to the Escrow Agreement;
- (22) The New Lorus Shares will be conditionally approved for listing on the Toronto Stock Exchange and the American Stock Exchange subject to the fulfillment of the conditions set out in the applicable conditional approval letter;
- (23) New Lorus will reduce its stated capital by an amount equal to the fair market value of its Old Lorus Voting Shares, determined based on the price per Old Lorus Voting Share paid by Investor in Section 3.01(21) above. In satisfaction of the capital reduction, New Lorus will: (i) in the case of shareholders of New Lorus who are not resident in the United States, distribute Old Lorus Voting Shares on a pro rata basis, disregarding fractions (provided such distribution effects a distribution of not less than 90% of the Old Lorus Voting Shares then

owned by New Lorus); and (ii) in the case of shareholders of New Lorus who are resident in the United States, sell to Old Lorus for cash consideration New Lorus' remaining Old Lorus Voting Shares (not to exceed 10% of the Old Lorus Voting Shares then owned by New Lorus) at the price per Old Lorus Voting Share paid by Investor at the Effective Time in Section 3.01(21) and distribute the proceeds of such sale to such shareholders who are resident in the United States on a pro rata basis, disregarding fractions, as the cash equivalent to the value of the Old Lorus Voting Shares otherwise distributable to them;

- (24) Investor will purchase all of the Old Lorus Voting Shares held by High Tech Beteiligungen GmbH & Co. KG, Technifund Inc. and Herbert Abramson (collectively, the "**Lock-Up Holders**") at a fair market price determined based on the price per Old Lorus Voting Share paid at the Effective Time by the Investor in Section 3.01(21);
- (25) Investor will subscribe for 294,296,851 additional Old Lorus Non-Voting Shares for a cash payment of \$1,200,000; and
- (26) Pinnacle or an affiliate thereof will transfer interests in certain real estate development projects to Old Lorus in return for a cash payment and a promissory note of Old Lorus and Old Lorus will enter into certain development, management and marketing agreements with Pinnacle and/or one or more affiliates thereof.

ARTICLE 4 **OUTSTANDING SECURITIES**

4.01 Outstanding Certificates

From and after the Effective Date, certificates representing the Old Lorus Securities prior to the Arrangement will, thereafter represent only the right to receive the certificates representing the New Lorus Securities which such holder is entitled to receive pursuant to Section 3.01(1) and any distributions accruing to the holder of such securities, upon the holder depositing with the Depository the certificates duly endorsed for transfer and accompanied by such other documents as such Depository may reasonably require, subject to compliance with the requirements set forth in this Article 4.

4.02 Old Lorus Shares

- (1) As soon as practicable following the Effective Time, New Lorus shall cause to be delivered for the benefit of the Old Lorus Shareholders, certificates representing, in the aggregate, the New Lorus Shares to which such holders are entitled pursuant to Section 3.01(1). New Lorus will, as soon as practicable following the later of the Effective Date and the date of deposit (by a former holder of Old Lorus Shares exchanged under the Arrangement) of a duly completed Letter of Transmittal and the certificates representing such Old Lorus Shares, either:

- (a) forward or cause to be forwarded by first class mail (postage prepaid) (or, in the case of postal disruption, by such other means as the Depositary may deem prudent) to such former holder at the address specified in the Letter of Transmittal; or
- (b) if requested by such holder in the Letter of Transmittal, make available or cause to be made available at the Depositary for pickup by such holder;

certificates representing the number of New Lorus Shares issued to such holder under the Arrangement.

- (2) All distributions made with respect to any New Lorus Shares allotted and issued pursuant to this Arrangement but for which a certificate has not been issued will be paid or delivered to the Depositary to be held by the Depositary in trust for the registered holder thereof. All monies received by the Depositary will be invested by it in trust accounts upon such terms as the Depositary may reasonably deem appropriate. The Depositary will pay and deliver to any such registered holder, as soon as reasonably practicable after application therefore is made by the registered holder to the Depositary in such form as the Depositary may reasonably require, such distributions to which such holder is entitled, net of applicable withholding and other taxes.
- (3) Where a certificate formerly representing Old Lorus Shares is not deposited with all other documents as provided for in Section 4.02(1) on or prior to the sixth anniversary date of the Effective Time, it will cease to represent a right or claim of any kind or nature. Thereafter, the New Lorus Shares to be exchanged with the former holder of such certificate will be deemed to be surrendered to New Lorus together with all distributions and sale proceeds thereon held for such holder.
- (4) New Lorus will be entitled to deduct and withhold from any consideration otherwise payable to any holder of Old Lorus Securities such amounts as New Lorus is required to deduct and withhold with respect to such payment under the *Income Tax Act* (Canada), the United States Internal Revenue Code of 1986 or any provision of federal, provincial, state, local or foreign tax law, in each case, as amended. To the extent that amounts are so withheld, such withheld amounts will be treated for all purposes hereof as having been paid to the holder of the Old Lorus Securities in respect of which such deduction and withholding was made, provided that such withheld amounts are actually remitted to the appropriate taxing authority.
- (5) If any certificate which immediately prior to the Effective Time represented an interest in outstanding Old Lorus Shares that were exchanged pursuant to Section 3.01(1) has been lost, stolen or destroyed, upon the making of an affidavit of that fact by the person claiming such certificate to have been lost, stolen or destroyed, the Transfer Agent and Registrar will issue and the Depositary will deliver in exchange for such lost, stolen or destroyed certificate the consideration to which the holder is entitled pursuant to the Arrangement (and any distributions

with respect thereto) as determined in accordance with the Arrangement. The person who is entitled to receive such consideration will, as a condition precedent to the receipt thereof, give a bond to each of New Lorus and its Depositary, which bond is in form and substance satisfactory to each of New Lorus and the Depositary, or will otherwise indemnify New Lorus and its Depositary against any claim that may be made against any of them with respect to the certificate alleged to have been lost, stolen or destroyed.

4.03 Old Lorus Options and Old Lorus Warrants

Each Old Lorus Option and each Old Lorus Warrant will be cancelled without further act or formality. Each New Lorus Option will represent a right to purchase that number of New Lorus Shares equal to the number of Old Lorus Shares underlying the Old Lorus Option. The term to expiry, conditions to and manner of exercising, vesting schedule and all other terms and conditions of each New Lorus Option will otherwise be the same as the terms and conditions of the corresponding Old Lorus Option. Except as specified in this Plan, any document or agreement previously evidencing such Old Lorus Option will thereafter evidence and be deemed to evidence such New Lorus Option, with any adjustments deemed to be made thereto as are necessary to ensure consistency with the provisions of this Section 4.03.

4.04 Old Lorus Share Purchase Plan

From and after the Effective Date, the entitlement of any participant to receive Old Lorus Shares prior to the Arrangement under the Old Lorus Share Purchase Plan will thereafter represent only the right to receive an equivalent number of New Lorus Shares. Except as specified in this Plan, the terms and conditions of the Old Lorus Share Purchase Plan will otherwise be the same. Except as specified in this Plan, any document or agreement previously evidencing a right to acquire an Old Lorus Share pursuant to the Old Lorus Share Purchase Plan will thereafter evidence and be deemed to evidence a right to require a New Lorus Share, with any adjustments deemed to be made thereto as are necessary to ensure consistency with the provisions of this Section 4.04.

4.05 Old Lorus Voting Shares

- (1) As soon as practicable following the Effective Time, New Lorus shall cause to be delivered for the benefit of the shareholders of New Lorus who are not resident in the United States, certificates representing, in the aggregate, the Old Lorus Voting Shares to which such holders are entitled pursuant to Section 3.01(23). New Lorus will, as soon as practicable following the Effective Date, either:
 - (a) forward or cause to be forwarded by first class mail (postage prepaid) (or, in the case of postal disruption, by such other means as the Depositary may deem prudent) to such holder at the address specified in the Letter of Transmittal; or
 - (b) if requested by such holder in the Letter of Transmittal, make available or cause to be made available at the Depositary for pickup by such holder,

certificates representing the number of Old Lorus Voting Shares issued to such holder under the Arrangement.

- (2) New Lorus will be entitled to deduct and withhold from any consideration otherwise payable to any holder of New Lorus Shares such amounts as New Lorus is required to deduct and withhold with respect to such payment under the *Income Tax Act* (Canada), the United States Internal Revenue Code of 1986 or any provision of federal, provincial, state, local or foreign tax law, in each case, as amended. To the extent that amounts are so withheld, such withheld amounts will be treated for all purposes hereof as having been paid to the holder of the New Lorus Shares in respect of which such deduction and withholding was made, provided that such withheld amounts are actually remitted to the appropriate taxing authority.

4.06 **Cash Payments Pursuant to Section 3.01(23)(ii)**

- (1) As soon as practicable following the Effective Time, New Lorus shall cause to be delivered to the Transfer Agent and Registrar, for the benefit of each shareholder of New Lorus who is resident in the United States, an amount equal to the aggregate of the payments representing each holder's pro rata portion of the cash equivalent of the value of the Old Lorus Voting Shares otherwise distributable to New Lorus shareholders who are resident in the United States pursuant to Section 3.01(23).
- (2) Such payment shall be made by cheque payable at par at any branch of New Lorus' bankers for the time being in Canada (or, with the consent of the holder, by any other means of immediately available funds).
- (3) New Lorus will be entitled to deduct and withhold from any consideration otherwise payable to any holder of New Lorus Shares such amounts as New Lorus is required to deduct and withhold with respect to such payment under the *Income Tax Act* (Canada), the United States Internal Revenue Code of 1986 or any provision of federal, provincial, state, local or foreign tax law, in each case, as amended. To the extent that amounts are so withheld, such withheld amounts will be treated for all purposes hereof as having been paid to the holder of the New Lorus Shares in respect of which such deduction and withholding was made, provided that such withheld amounts are actually remitted to the appropriate taxing authority.

ARTICLE 5
RIGHTS OF DISSENT

5.01 **Rights of Dissent**

Old Lorus Shareholders (other than the Lock-Up Holders) may exercise rights of dissent in connection with the Arrangement with respect to their Shares pursuant to and in the manner set forth in the Interim Order, section 190 of the Act and this Section 5.01 (the "**Dissent Rights**")

as the same may be modified by the Interim Order or the Final Order. Old Lorus Shareholders who duly exercise such Dissent Rights and who:

- (a) are ultimately entitled to be paid fair value for their Old Lorus Shares shall be deemed to have transferred such Old Lorus Shares to New Lorus on the Effective Date simultaneously with the transactions described in Section 3.01(1) without any further act or formality and free and clear of all liens, claims and encumbrances, with New Lorus being obligated to pay such Old Lorus Shareholders in consideration therefor the fair value of such Old Lorus Shares, which fair value, notwithstanding anything to the contrary in the Act, if permitted by the Court, shall be determined as of the close of business on the day before the special resolution of Securityholders approving this Plan is adopted, and the name of each such Old Lorus Shareholder will be removed from the register of holders of Old Lorus Shares and New Lorus will be recorded as the registered holder of the Old Lorus Shares so transferred and will be deemed to be the legal and beneficial owner of such Old Lorus Shares free and clear of any liens, claims or encumbrances; or
- (b) for any reason are ultimately not entitled to be paid fair value for their Old Lorus Shares shall be deemed to have participated in the Arrangement on the same basis as any non-dissenting Old Lorus Shareholder who is not a Lock-Up Holder as at and from the Effective Time, and shall be deemed to have transferred their Old Lorus Shares to New Lorus in exchange for New Lorus Shares under Section 3.01(1), but in no case shall Old Lorus, New Lorus or any other person be required to recognize such Old Lorus Shareholders as holders of Old Lorus Shares after the time set out in Section 3.01(1), and the names of such Old Lorus Shareholders shall be deleted from the register of Old Lorus Shareholders at the time set out in Section 3.01(1).

ARTICLE 6
AMENDMENTS

6.01 Amendments

- (1) Old Lorus, GeneSense, NuChem, New Lorus, Investor and Pinnacle reserve the right to amend, modify and/or supplement this Plan from time to time at any time prior to the Effective Time provided that any such amendment, modification or supplement must be contained in a written document that is:
 - (a) agreed to by all such parties;
 - (b) filed with the Court and approved by the Court; and
 - (c) communicated to Old Lorus Securityholders in the manner required by the Court (if so required).

- (2) Any amendment, modification or supplement to this Plan which is approved by the Court will be effective only:
 - (a) if it is consented to by Old Lorus and Pinnacle; and
 - (b) if required by the Court or Applicable Law, it is consented to by the Old Lorus Securityholders.
- (3) Notwithstanding that the transactions and events set out herein will occur and be deemed to occur in the order set out in this Plan without any further act or formality, each of the parties to the Arrangement Agreement shall make, do and execute, or cause to be made, done and executed, all such further acts, deeds, agreements, transfers, assurances, instruments or documents as may reasonably be required by any of them in order further to document or evidence any of the transactions or events set out herein.

ARTICLE 7
GENERAL

7.01 **General**

- (1) Any director or officer of Old Lorus is hereby authorized to execute and file the Articles of Arrangement and to execute and deliver all other documents and do all such other acts and things necessary or desirable to give effect to this Arrangement.
- (2) The directors of Old Lorus are hereby authorized, if they deem appropriate in their sole discretion, to revoke this Plan of Arrangement and to not proceed with the Arrangement without further approval of the Old Lorus Securityholders.

APPENDIX A

The articles of 4325231 Canada Inc. (the "Corporation") are amended as follows:

1. To change the registered office of the Corporation to the Province of British Columbia.
2. To provide that the number of directors of the Corporation is fixed at five.
3. To add the following "other provisions"

Subject to applicable law and the Corporation's contractual obligations then in effect, the directors may fill any vacancies among the directors, whether arising due to an increase in the number of directors set forth in the articles of the Corporation or otherwise.

The directors will be divided into three groups, with the first group ("Group I") being comprised of one director to be elected for an initial term of one year, the second group ("Group II") being comprised of two directors to be elected for an initial term of two years, and the third group ("Group III") being comprised of two directors to be elected for an initial term of three years. At each election of directors after the effective date hereof to elect directors whose terms have expired, directors will be elected for a term of three years. In any election or appointment of a director to fill a vacancy created by any director ceasing to hold office, the election or appointment will be for the unexpired term of the director who has ceased to hold office. If the number of directors is changed, any increase or decrease will be apportioned among the classes of directors in such a manner as will maintain or attain, to the extent possible, an equal number of directors in each class of directors. If such equality is not possible, the increase or decrease will be apportioned among the classes of directors in such a manner that the difference in the number of directors in any two classes will not exceed one.

4. To remove the objects of the Corporation and to provide the restrictions on the business that the Corporation may carry on and the powers the Corporation may exercise as set forth on Exhibit A hereto.
5. To change the designation of the common shares to voting common shares and to restate the rights, privileges, restrictions and conditions attaching to the voting common shares as set forth on Exhibit B hereto.
6. To create an unlimited number of non-voting common shares.
7. To provide the rights, privileges, restrictions and conditions attaching to the non-voting common shares as set forth on Exhibit B hereto.
8. To declare that the capital of the Corporation after giving effect to the foregoing consists of an unlimited number of voting common shares and an unlimited number of non-voting common shares.
9. To provide that any matter that, by the terms of these articles or the Corporation's governing statute, requires approval by a special resolution will require approval by a resolution that is

passed by a majority of not less than 75% of the votes cast by the shareholders who voted in respect of that resolution or signed by all the shareholders entitled to vote on that resolution.

10. To provide that the articles and by-laws of the Corporation may be amended only if approved by a special resolution.
11. To provide that, if the Corporation's governing statute so permits, a director of the Corporation may be removed before the expiration of the director's term of office only if approved by a special resolution.
12. To provide that no share in the capital of the Corporation may be issued at a subscription price of less than \$1.00 per share and no security may be issued that is exercisable for, convertible into or that otherwise entitles the holder to acquire shares of the Corporation at an exercise, conversion or acquisition price of less than \$1.00 per share, except that the Corporation may issue shares by way of a distribution to holders of shares of the Corporation that affects all holdings of such shares the same way on a per share basis.

EXHIBIT A

Restrictions on the Business of the Corporation

(1) Restrictions on Business.

- (a) The objective of the Corporation will be to maximize Distributable Cash Flow and to distribute all Distributable Cash Flow to holders of the voting common shares and non-voting common shares and, in connection therewith, the Corporation will, at the end of each Distribution Period, distribute all Distributable Cash Flow to holders of its voting common shares and non-voting common shares by way of dividends and/or other distributions, subject to the other provisions of these articles and to applicable law.
- (b) The business of the Corporation will be restricted to:
 - (i) real estate development, investment in real estate and real estate development projects, and the provision of services related to real estate development and/or real estate development projects including, without limitation, management, marketing, financial and administrative services related to real estate development and/or real estate development projects;
 - (ii) borrowing money upon the credit of the Corporation, and granting security therefor, in the ordinary course of the Corporation's business;
 - (iii) satisfying the obligations, liabilities or indebtedness of the Corporation; and
 - (iv) engaging in any acts or exercising any powers necessary or desirable to carry out the ordinary course of the Corporation's business, including, without limitation, as provided in the articles and by-laws of the Corporation.

(2) Defined Terms.

As used herein, the following terms will have the following meanings:

- (a) "**Arrangement**" means the arrangement under Section 192 of the *Canada Business Corporations Act* on the terms and subject to the conditions set out in the plan of arrangement pursuant to which these articles became effective.
- (b) "**Cash Flow**", for any Distribution Period, will equal the following:
 - (i) all cash and cash equivalents which are received by the Corporation in such Distribution Period, including, without limitation, all income, interest, dividends, proceeds from the disposition of securities, returns of capital and repayments of indebtedness (except to the extent such repayments of indebtedness are reinvested);

plus:

- (ii) all cash and cash equivalents received by the Corporation in any prior Distribution Period to the extent not previously distributed unless such amounts have been set aside by the Board of Directors in a prior Distribution Period for distribution to the holders of the voting common shares and/or the non-voting common shares in a subsequent Distribution Period, in which case such amounts set aside will not be included in Cash Flow;

less the following amounts (referred to collectively as the “**Cash Flow Deductions**”):

- (iii) all costs, expenses, reserves, allowances and debts of the Corporation which, in the opinion of the Board of Directors, may reasonably be considered to have accrued or become owing in respect of, or which relate to, such Distribution Period or a prior Distribution Period if not deducted in the calculation of Cash Flow for such prior period;
 - (iv) stated capital of the voting common shares and the non-voting common shares;
 - (v) any tax liability of the Corporation in respect of, or which relates to, such Distribution Period; and
 - (vi) all cash and cash equivalents which are received by the Corporation in the Distribution Period which the Board of Directors has determined to set aside for distribution to the holders of the voting common shares and/or the non-voting common shares in a subsequent Distribution Period.
- (c) “**Distributable Cash Flow**” for, or in respect of, a Distribution Period will be the Cash Flow of the Corporation for such Distribution Period, together with any Cash Flow set aside in a prior Distribution Period for distribution to the holders of the voting common shares and/or the non-voting common shares in a subsequent Distribution Period which the Board of Directors has determined to distribute in respect of the current Distribution Period, less any amount which the Board of Directors may reasonably consider to be necessary to provide for the payment of any costs or expenses and repayments of debts which have been or are reasonably expected to be incurred in the activities and operations of the Corporation in addition to the Cash Flow Deductions.
- (d) “**Distribution Period**” means such period or periods, as determined by the Board of Directors, occurring at least once each fiscal year of the Corporation, provided that the first Distribution Period will begin on (and include) the Effective Date and will end on (and include) the last day of the fiscal year in which the Effective Date occurs.
- (e) “**Effective Date**” means the effective date set out in the articles of arrangement which were filed with the Director in connection with the Arrangement.

EXHIBIT B

Provisions Attaching to the Voting Common Shares and the Non-Voting Common Shares

1.01 Voting Common Shares

The voting common shares will have attached thereto the following rights, privileges, restrictions and conditions:

(1) **Dividends**

Subject to the prior rights of the holders of any other shares ranking senior to the voting common shares with respect to priority in the payment of dividends, the holders of voting common shares will be entitled to receive dividends and the Corporation will pay dividends thereon, as and when declared by the Board of Directors (provided that no dividends will be declared on or prior to the Effective Date) out of Distributable Cash Flow, in such amount and in such form as the Board of Directors may from time to time determine. However, all dividends which the Board of Directors may determine to declare and pay in any financial year of the Corporation must be declared and paid in equal or equivalent amounts per share on all of the voting common shares and non-voting common shares at the time outstanding without preference or distinction. Unless otherwise agreed to by the holders of the voting common shares, such dividends will be paid by cheques of the Corporation payable at par at any branch of the Corporation's bankers for the time being in Canada issued in respect of such dividends or in such other manner as is required by the Corporation's bankers or as required by law (less any tax required to be withheld by the Corporation) and payment thereof will satisfy such dividends. Dividends which are represented by a cheque which has not been presented to the Corporation's bankers for payment or that otherwise remain unclaimed for a period of six years from the date on which they were declared to be payable will be forfeited to the Corporation.

(2) **Participation upon Liquidation, Dissolution or Winding Up**

In the event of the dissolution, liquidation or winding-up of the Corporation, whether voluntary or involuntary, or any other distribution of assets of the Corporation among its shareholders for the purpose of winding-up its affairs, the voting common shares and non-voting common shares will rank equally as to priority of distribution and the holders of the voting common shares will, subject to the rights of the holders of any other shares of the Corporation entitled to receive assets of the Corporation upon such a distribution in priority to or concurrently with the holders of the voting common shares, participate concurrently with the holders of the non-voting common shares in the distribution. Such distribution will be made in equal amounts per share on all the voting common shares and non-voting common shares at the time outstanding without preference or distinction.

(3) **Voting Rights**

Subject to Section 1.02(6), the holders of the voting common shares will be entitled to receive notice of and to attend all meetings of the shareholders of the Corporation and will

have one vote for each voting common share held at all meetings of the shareholders of the Corporation, except meetings at which only holders of another specified class or series of shares of the Corporation are entitled to vote separately as a class or series.

1.02 **Non-Voting Common Shares**

The non-voting common shares will have attached thereto the following rights, privileges, restrictions and conditions:

(1) **Defined Terms**

As used herein, the following terms will have the following meanings:

- (a) **"Bid Price"** means the consideration for each voting common share and each non-voting common share offered to holders of voting common shares and holders of non-voting common shares, respectively, under the Required Bids, which consideration will have a fair market value of not less than the average of the fair market value of a voting common share on the date that the Required Bids are made as determined in writing by two nationally recognized investment banking firms retained by the Offeror for the purpose of providing such valuation in connection with the Required Bids.
- (b) **"Designated Number"** means the number of voting common shares that are subject to a Specified Offer, together with the Offeror's Voting Common Shares.
- (c) **"Group"** means one or more persons acting jointly or in concert (within the meaning of section 91 of the *Securities Act* (Ontario)).
- (d) **"Offeror Date"** means the date on which a Specified Offer is made.
- (e) **"Offer to Acquire"** includes:
 - (i) an offer to purchase, a public announcement of an intention to make an offer to purchase, or a solicitation of an offer to sell, securities;
 - (ii) the receipt of an offer to sell securities, whether or not such offer to sell has been solicited,
or any combination thereof, and the Person receiving an offer to sell will be deemed to be making an Offer to Acquire to the Person that made the offer to sell.
- (f) **"Offeror"** means a Person that makes an Offer to Acquire voting common shares, and includes any Person related to such Person for purposes of the Tax Act or any other Person that is acting jointly or in concert with such Person or who would, together with such Person (and other Persons), constitute a Group.
- (g) **"Offeror's Voting Common Shares"**, on any date, means the number of voting common shares beneficially owned, directly or indirectly, or over which control or

direction is exercised (including any combination of the foregoing), on the relevant date by the Offeror either alone or together with a Group.

- (h) **"Required Bids"** means the concurrent offers required to be made to all holders of voting common shares and to all holders of non-voting common shares in the circumstances provided in Section 1.02(5).
- (i) **"Specified Offer"** means an Offer to Acquire voting common shares made by an Offeror where the number of voting common shares subject to the Offer to Acquire (the **"Specified Offer Shares"**), together with the Offeror's Voting Common Shares on the Offer Date, would constitute in the aggregate more than 50% of the total issued and outstanding voting common shares on the Offer Date.
- (j) **"Specified Offer Shares"** has the meaning set out in Section 1.02(1)(i).
- (k) **"Tax Act"** means the *Income Tax Act* (Canada) R.S.C. 1985, C.1, 5th Supplement, as amended, including the tax regulations made thereunder.

(2) **Dividends**

Subject to the prior rights of the holders of any other shares ranking senior to the non-voting common shares with respect to priority in the payment of dividends, the holders of non-voting common shares will be entitled to receive dividends and the Corporation will pay dividends thereon, as and when declared by the Board of Directors (provided that no dividends will be declared on or prior to Effective Date) out of Distributable Cash Flow, in such amount and in such form as the Board of Directors may from time to time determine. However, all dividends which the Board of Directors may determine to declare and pay in any financial year of the Corporation must be declared and paid in equal or equivalent amounts per share on all of the voting common shares and non-voting common shares at the time outstanding without preference or distinction. Unless otherwise agreed to by the holders of the non-voting common shares, such dividends will be paid by cheques of the Corporation payable at par at any branch of the Corporation's bankers for the time being in Canada issued in respect of such dividends or in such other manner as is required by the Corporation's bankers or as required by law (less any tax required to be withheld by the Corporation) and payment thereof will satisfy such dividends. Dividends which are represented by a cheque which has not been presented to the Corporation's bankers for payment or that otherwise remain unclaimed for a period of six years from the date on which they were declared to be payable will be forfeited to the Corporation.

(3) **Participation upon Liquidation, Dissolution or Winding Up**

In the event of the dissolution, liquidation or winding-up of the Corporation, whether voluntary or involuntary, or any other distribution of assets of the Corporation among its shareholders for the purpose of winding-up its affairs, the voting common shares and non-voting common shares will rank equally as to priority of distribution and the holders of the non-voting common shares will, subject to the rights of the holders of any other shares of the Corporation entitled to receive assets of the Corporation upon such a distribution in priority

to or concurrently with the holders of the voting common shares, participate concurrently with the holders of the voting common shares in the distribution. Such distribution will be made in equal amounts per share on all the voting common shares and non-voting common shares at the time outstanding without preference or distinction.

(4) Voting Rights

Subject to applicable law and any other provisions of the articles of the Corporation, the holders of the non-voting common shares will not be entitled to receive notice of, nor to attend nor vote at any meetings of the shareholders of the Corporation; provided that in the event that holders of the non-voting common shares are entitled by law or the articles of the Corporation to vote at a meeting of holders of non-voting common shares, the holders of non-voting common shares will have one vote for each non-voting common share held.

(5) Specified Offer

An Offeror will not acquire any voting common shares under a Specified Offer without first complying with the provisions of this Section 1.02(5). Prior to, and as a condition precedent to, the acquisition by an Offeror of any voting common shares under a Specified Offer, the Offeror will make concurrent offers to acquire voting common shares and non-voting common shares for consideration for each voting common share and each non-voting common share equal to the Bid Price, on the same terms, except as to the number of shares subject to the offers, which offers will comply with the provisions of applicable securities legislation relating to a formal takeover bid (whether or not such offers are required by law to so comply) (the "**Required Bids**"):

- (a) to all holders of voting common shares for such number of voting common shares as is equal to the number of Specified Offer Shares; and
- (b) to all holders of non-voting common shares for such number of non-voting common shares that is equal to the lesser of:
 - (i) $A \times B$, where A equals the Designated Number of voting common shares divided by the total number of issued and outstanding voting common shares on the Offer Date and B equals the total number of issued and outstanding non-voting common shares on the date that the Required Bids are made; and
 - (ii) the number of issued and outstanding non-voting common shares excluding those that are beneficially owned, or over which control or direction is exercised, on the date that the Required Bids are made (including any combination of the foregoing) by the Offeror;

provided that:

- (c) no shares may be taken-up or paid for under either of the Required Bids, unless all shares tendered to each of the Required Bids are taken-up and paid for concurrently; and

- (d) the Offeror will issue a press release following the expiry of the Required Bids and one Business Day prior to the take-up of any shares tendered to the Required Bids, which press release will disclose:
 - (i) the approximate number of voting common shares and non-voting common shares tendered to the Required Bids; and
 - (ii) whether a sufficient number of voting common shares has been tendered to the Required Bids such that the Offeror would acquire, on take-up and payment for such shares, when added to the Offeror's Voting Common Shares on the date of take-up, more than 50% of the total issued and outstanding voting common shares on the date of take-up.
- (6) **Failure to Comply**

In the event that an Offeror acquires, directly or indirectly, more than 50% of the total issued and outstanding voting common shares in violation of Section 1.02(5), then, effective on the completion of such acquisition and during such time that the Offeror's Voting Common Shares constitute more than 50% of the total issued and outstanding voting common shares, the total number of votes attaching to the Offeror's Voting Common Shares will equal the difference between: (a) the total number of issued and outstanding voting common shares; and (b) the number of the Offeror's Voting Common Shares, and, for greater certainty, the voting common shares other than the Offeror's Voting Common Shares will continue to have one vote per share.



Industry Canada

Industrie Canada

**Certificate
of Incorporation**

**Canada Business
Corporations Act**

**Certificat
de constitution**

**Loi canadienne sur
les sociétés par actions**

6650309 CANADA INC.

665030-9

Name of corporation-Dénomination de la société

Corporation number-Numéro de la société

I hereby certify that the above-named corporation, the articles of incorporation of which are attached, was incorporated under the *Canada Business Corporations Act*.

Je certifie que la société susmentionnée, dont les statuts constitutifs sont joints, a été constituée en société en vertu de la *Loi canadienne sur les sociétés par actions*.

Richard G. Shaw
Director - Directeur

November 1, 2006 / le 1 novembre 2006

Date of Incorporation - Date de constitution

Canada



Industry Canada Industrie Canada
 Canada Business Loi canadienne sur les
 Corporations Act sociétés par actions

ELECTRONIC TRANSACTION RAPPORT DE LA TRANSACTION
 REPORT ÉLECTRONIQUE
 ARTICLES OF INCORPORATION STATUTS CONSTITUTIFS
 (SECTION 6) (ARTICLE 6)

Processing Type - Mode de Traitement: E-Commerce/Commerce-É

1. **Name of Corporation - Dénomination de la société**
Lorus Therapeutics Inc.

2. **The province or territory in Canada where the registered office is to be situated -
La province ou le territoire au Canada où se situera le siège social**
ON

3. **The classes and any maximum number of shares that the corporation is authorized to issue -
Catégories et le nombre maximal d'actions que la société est autorisée à émettre**
The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

4. **Restrictions, if any, on share transfers - Restrictions sur le transfert des actions, s'il y a lieu**
The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

5. **Number (or minimum and maximum number) of directors - Nombre (ou nombre minimal et maximal) d'administrateurs**
Minimum: 3 Maximum: 11

6. **Restrictions, if any, on business the corporation may carry on -
Limites imposées à l'activité commerciale de la société, s'il y a lieu**
The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

7. **Other provisions, if any - Autres dispositions, s'il y a lieu**
The annexed schedule is incorporated in this form.
L'annexe ci-jointe fait partie intégrante de la présente formule.

8. **Incorporators - Fondateurs**

Name(s) - Nom(s)	Address (including postal code) - Adresse (inclure le code postal)	Signature
AIPING YOUNG	7 SANDFIELD ROAD, TORONTO, ONTARIO, CANADA, M3B 2B5	AIPING YOUNG
DONALD W. PATERSON	24 ELGIN AVENUE, TORONTO, ONTARIO, CANADA, M5R 1G6	DONALD PATERSON
GRAHAM STRACHAN	40 DRANKWOOD CRESCENT, ETOBICOKE, ONTARIO, CANADA, M9B 3B1	GRAHAM STRACHAN

Canada

Item 3 - Shares / Rubrique 3 - Actions

The Corporation is authorized to issue an unlimited number of common shares, with the rights, privileges, restrictions and conditions attaching to the common shares as follows:

(a) **Payment of Dividends:** The holders of the common shares will be entitled to receive dividends if, as and when declared by the board of directors of the Corporation out of the assets of the Corporation properly applicable to the payment of dividends in such amounts and payable in such manner as the board of directors may from time to time determine. Subject to the rights of the holders of any other class of shares of the Corporation entitled to receive dividends in priority to or concurrently with the holders of the common shares, the board of directors may in its sole discretion declare dividends on the common shares to the exclusion of any other class of shares of the Corporation.

(b) **Participation upon Liquidation, Dissolution or Winding Up:** In the event of the liquidation, dissolution or winding up of the Corporation or other distribution of assets of the Corporation among its shareholders for the purpose of winding up its affairs, the holders of the common shares will, subject to the rights of the holders of any other class of shares of the Corporation entitled to receive assets of the Corporation upon such a distribution in priority to or concurrently with the holders of the common shares, be entitled to participate in the distribution. Such distribution will be made in equal amounts per share on all the common shares at the time outstanding without preference or distinction.

(c) **Voting Rights:** The holders of the common shares will be entitled to receive notice of and to attend all annual and special meetings of the shareholders of the Corporation and to one vote in respect of each common share held at all such meetings.

Item 4 - Restrictions on Share Transfers / Rubrique 4 - Restrictions sur le transfert des actions

None

Item 6 - Restrictions - Business / Rubrique 6 - Restrictions - activité commerciale

None

Item 7 - Other Provisions / Rubrique 7 - Autres dispositions

The actual number of directors within the minimum and maximum number set out in paragraph 5 may be determined from time to time by resolution of the directors.

The directors may appoint one or more additional directors, who shall hold office for a term expiring not later than the close of the next annual meeting of shareholders, but the total number of directors so appointed may not exceed one third of the number of directors elected at the previous annual meeting of shareholders.