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UNITED STATES  
SECURITIES AND EXCHANGE COMMISSION  
Washington, D.C. 20549

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FORM F-X

APPOINTMENT OF AGENT FOR SERVICE OF  
PROCESS AND UNDERTAKING

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- A. Name of issuer or person filing ("Filer"): **Aptose Biosciences Inc.**
- B. (1) This is (check one):  
 An original filing for the Filer.  
 An amended filing for the Filer.
- (2) Check the following box if you are filing the Form F-X in paper in accordance with Regulation S-T Rule 101(b)(9)
- C. Identify the filing in conjunction with which this form is being filed:
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| Name of registrant:                              | <b>Aptose Biosciences Inc.</b>             |
| Form type:                                       | <b>Form 40-F</b>                           |
| File number (if known):                          | <b>001-32001</b>                           |
| Filed by:  | <b>Aptose Biosciences Inc.</b>             |
| Date filed (if filed concurrently, so indicate): | <b>March 27, 2018 (filed concurrently)</b> |
- D. The Filer is incorporated or organized under the laws of **Canada**, and has its principal place of business at **5955 Airport Road, Suite #228, Mississauga, Ontario L4V 1R9, Canada; telephone (647) 479-9828.**
- E. Filer designates and appoints **Aptose Biosciences U.S. Inc.** ("Agent"), located at **Unit 120, 12770 High Bluff Drive, San Diego, California 92130; telephone (858) 926-2730** as the agent of the Filer upon whom may be served any process, pleadings, subpoenas, or other papers in:
- (a) any investigation or administrative proceeding conducted by the Commission; and
  - (b) any civil suit or action brought against the Filer or to which the Filer has been joined as defendant or respondent, in any appropriate court in any place subject to the jurisdiction of any state or of the United States, or of any of its territories or possessions or of the District of Columbia, where the investigation, proceeding or cause of action arises out of or relates to or concerns the securities in relation to which the obligation to file an annual report on Form 40-F arises, or any purchases or sales of such securities. The Filer stipulates and agrees that any such civil suit or action or administrative proceeding may be commenced by the service of process upon, and that the service of an administrative subpoena shall be effected by service upon such agent for service of process, and that service as aforesaid shall be taken and held in all courts and administrative tribunals to be valid and binding as if personal service thereof had been made.
- F. The Filer stipulates and agrees to appoint a successor agent for service of process and file an amended Form F-X if the Filer discharges the Agent or the Agent is unwilling or unable to accept service on behalf of the Filer at any time until six years have elapsed from the date the issuer of the securities to which the Form 40-F relates has ceased reporting under the Exchange Act.
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The Filer further undertakes to advise the Commission promptly of any change to the Agent's name and address during the applicable period by amendment of this Form, referencing the file number of the relevant form in conjunction with which the amendment is being filed.

- G. The Filer undertakes to make available, in person or by telephone, representatives to respond to inquiries made by the Commission staff, and to furnish promptly, when requested to do so by the Commission staff, information relating to the Form 40-F; the securities to which the Form 40-F relates; and the transactions in such securities.
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**SIGNATURES**

The Filer certifies that it has duly caused this power of attorney, consent, stipulation and agreement to be signed on its behalf by the undersigned, thereunto duly authorized, in San Diego, California, on March 27, 2018.

**APTOSE BIOSCIENCES INC.**

By: /s/ William G. Rice  
Name: William G. Rice  
Title: Chairman, President and Chief Executive Officer

This statement has been signed by the following person in the capacity indicated on March 27, 2018.

**APTOSE BIOSCIENCES U.S. INC.**  
as Agent for Service of Process for Aptose Biosciences Inc.

By: /s/ William G. Rice  
Name: William G. Rice  
Title: Chief Executive Officer