Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934, Section 17(a) of the Public Utility Holding Company Act of 1935 or Section 30(h) of the Investment Company Act of 1940

(Print or Type Responses)

1. Name and Address of Reporting Person <u>*</u> Nader Francois	2. Date of Event RequiringStatement(Month/Day/Year)	011004011144	ame and Ticker or Trading Symbol ON PHARMACEUTICALS INC [ALXN]			
(Last) (First) (Middle)	11/15/2017	4. Relationship of Reporting Person(s) to Issuer		5. If Amendment, Date Original Filed(Month/Day/Year)		
C/O ALEXION				1 1100((((101111) 2 kg) (1011))		
PHARMACEUTICALS,		(Check	all applicable)			
INC., 100 COLLEGE STREET						
(Street)		Officer 10% Own Officer Other (give title below) (specify below)		6. Individual or Joint/Group		
NEW HAVEN, CT 06510				Person Form filed by More than One Reporting Person		
(City) (State) (Zip)	Table I - N	Non-Derivati	ive Securiti	es Beneficially Owned		
1.Title of Security (Instr. 4)	2. Amount o Beneficially (Instr. 4)		3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)		
Reminder: Report on a separate line for ea owned directly or indirectly.	ach class of securities benefic	ially SI	EC 1473 (7-02))		

Persons who respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB control number.

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)			3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of	5. Ownership Form of Derivative	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of	Derivative Security	Security: Direct (D)	

3235-0104

January 31,

2005

0.5

Shares			

or Indirect (I) (Instr. 5)

Reporting Owners

Reporting Owner Name / Address		Relationships				
Reporting O when runner reareas	Director	10% Owner	Officer	Other		
Nader Francois C/O ALEXION PHARMACEUTICALS, INC. 100 COLLEGE STREET NEW HAVEN, CT 06510	ÂX	Â	Â	Â		
Signatures						
Michael V. Greco, Attorney-in-Fact for Francois Nader, MD	s 11/15/2017			7		
**Signature of Reporting Person		Date				
Explanation of Posponsos						

Explanation of Responses:

No securities are beneficially owned

- * If the form is filed by more than one reporting person, see Instruction 5(b)(v).
- ** Intentional misstatements or omissions of facts constitute Federal Criminal Violations. See 18 U.S.C. 1001 and 15 U.S.C. 78ff(a).

Note: File three copies of this Form, one of which must be manually signed. If space is insufficient, *See* Instruction 6 for procedure. Potential persons who are to respond to the collection of information contained in this form are not required to respond unless the form displays a currently valid OMB number.