

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
OMB Number:	3235-0104
Estimated average burden hours per response:	0.5

Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>ARTAL INTERNATIONAL SCA</u> <hr/> (Last) (First) (Middle) 10-12 AVENUE PASTEUR <hr/> (Street) LUXEMBOURG N4 L-2310 <hr/> (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 03/31/2012	3. Issuer Name and Ticker or Trading Symbol <u>LEXICON PHARMACEUTICALS, INC./DE [LXRX]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable) <input checked="" type="checkbox"/> Director <input checked="" type="checkbox"/> 10% Owner Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year) 6. Individual or Joint/Group Filing (Check Applicable Line) <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	250,372,135	I	See Footnotes ⁽¹⁾⁽²⁾

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

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person*
ARTAL INTERNATIONAL SCA

 (Last) (First) (Middle)
 10-12 AVENUE PASTEUR

 (Street)
 LUXEMBOURG N4 L-2310

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
Artal International Management S.A.

 (Last) (First) (Middle)
 10-12 AVENUE PASTEUR

 (Street)
 LUXEMBOURG N4 L-2310

 (City) (State) (Zip)

1. Name and Address of Reporting Person*
ARTAL GROUP S A

 (Last) (First) (Middle)
 10-12 AVENUE PASTEUR

 (Street)
 LUXEMBOURG N4 L-2310

 (City) (State) (Zip)

1. Name and Address of Reporting Person*

WESTEND SA

(Last) (First) (Middle)

10-12 AVENUE PASTEUR

(Street)

LUXEMBOURG N4 L-2310

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Stichting Administratiekantoor Westend

(Last) (First) (Middle)

DE BOELELAAN 7,

(Street)

AMSTERDAM P7 NL-1083 HJ

(City) (State) (Zip)

1. Name and Address of Reporting Person*

Minne Pascal

(Last) (First) (Middle)

PLACE STE. GUDULE, 19

(Street)

BRUXELLES C9 B-1000

(City) (State) (Zip)

Explanation of Responses:

1. 244,818,843 of the reported shares of Issuer common stock are owned directly by Invus, L.P. and 5,553,292 of the reported shares of Issuer common stock are owned directly by Invus Public Equities, L.P. Invus Advisors, L.L.C. is the general partner of Invus, L.P., and Invus Public Equities Advisors, LLC is the general partner of Invus Public Equities, L.P. Artal International S.C.A. is the managing member of each of Invus Advisors, L.L.C. and Invus Public Equities Advisors, LLC. Artal International Management S.A. is the general partner of Artal International S.C.A., which is a wholly owned subsidiary of Artal Group S.A., which is a wholly owned subsidiary of Westend S.A., which is a wholly owned subsidiary of Stichting Administratiekantoor Westend (the "Stichting"). (Continued in Footnote 2)

2. Mr. Pascal Minne is the sole member of the board of the Stichting. Accordingly, each of Artal International S.C.A., Artal International Management S.A., Artal Group S.A., Westend S.A., the Stichting and Mr. Minne may be deemed to be indirect beneficial owners of the reported securities. Each of Artal International S.C.A., Artal International Management S.A., Artal Group S.A., Westend S.A., the Stichting and Mr. Minne disclaims beneficial ownership of such securities, except to the extent of its or his pecuniary interest therein.

Remarks:

For purposes of Section 16 of the Securities Exchange Act of 1934, as amended, Artal International S.C.A., Artal International Management S.A., Artal Group S.A., Westend S.A., the Stichting and Mr. Minne may be deemed to be directors by deputization of the Issuer by virtue of Invus, L.P.'s right to designate certain members of the Issuer's board of directors pursuant to a stockholders' agreement between the Issuer and Invus, L.P.

/s/ Anne Goffard, Managing Director for ARTAL INTERNATIONAL MANAGEMENT S.A., managing partner for ARTAL INTERNATIONAL S.C.A. 04/10/2012

/s/ Anne Goffard, Managing Director for ARTAL INTERNATIONAL MANAGEMENT S.A. 04/10/2012

/s/ Anne Goffard, Authorized Person for ARTAL GROUP S.A. 04/10/2012

/s/ Pascal Minne, Director for WESTEND S.A. 04/10/2012

/s/ Pascal Minne, Sole Member of the Board for STICHTING ADMINISTRATIEKANTOOR WESTEND 04/10/2012

/s/ Pascal Minne 04/10/2012

** Signature of Reporting Person Date

Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.

* 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.

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 Number.