DePinho Ronald A Form 3 March 11, 2010

FORM 3

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

OMB APPROVAL

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INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

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

2. Date of Event Requiring 3. Issuer Name and Ticker or Trading Symbol

(Print or Type Responses)

1. Name and Address of Reporting

Person * A DePinho	Ronald A		Statement (Month/Day/	Year)	AVEO PHARMACEUTICALS INC [AVEO]						
(Last)	(First)	(Middle)	03/11/2010	4. Relation Person(s) to		ship of Reporting Dissuer		5. If Amendment, Date Original Filed(Month/Day/Year)			
C/O AVEO											
PHARMACI					(Check	all applic	cable)				
INC., 75 S	IDNEY ST	REET			_X_ Directo	r	10% Owne	er			
CAMBRIDO	(Street) $GE, \hat{A} MA\hat{A}$. 02139			Officer (give title belo		Other	6. Individual or Joint/Group Filing(Check Applicable Line) _X_ Form filed by One Reporting Person Form filed by More than One			
								Reporting Person			
(City)	(State)	(Zip)		Table I - N	able I - Non-Derivative Securities Beneficially Owned						
1.Title of Secur (Instr. 4)	ity			2. Amount o Beneficially (Instr. 4)		3. Owners: Form: Direct (I) (Instr. 5	hip Ow (Ins D) ect	Nature of Indirect Beneficial nership str. 5)			
Common Sto	ock			250,012		D	Â				
Common Sto	ock			75,000		I	Trı De	George D. Yancopoulos as ustee of The Ronald A. Pinho and Lynda Chin Family ust. (1)			
Common Sto	ock			25,000		I	Trı	George Yancopoulos as ustee of the Ronald DePinho d Lynda Chin Family Trust (2)			
Common Sto	ock			242,512		I	Ву	spouse (3)			
Reminder: Report on a separate line for each class of securities beneficially owned directly or indirectly.					ially S	SEC 1473	(7-02)				

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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	5. Ownership Form of Derivative Security:	6. Nature of Indirect Beneficial Ownership (Instr. 5)	
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares	Security	Direct (D) or Indirect (I) (Instr. 5)		
Stock Option (right to buy)	(4)	07/17/2018	Common Stock	10,000	\$ 6.68	D	Â	
Stock Option (right to buy)	(5)	06/16/2019	Common Stock	10,000	\$ 8.72	D	Â	
Stock Option (right to buy)	(6)	09/26/2018	Common Stock	5,000	\$ 6.88	I	By spouse.	

Reporting Owners

Reporting Owner Name / Address	Relationships					
	Director	10% Owner	Officer	Other		
DePinho Ronald A						
C/O AVEO PHARMACEUTICALS, INC.	â v	Â	â	â		
75 SIDNEY STREET	АЛ	Α	А	A		
CAMBRIDGE, MA 02139						

Signatures

/s/ Joseph D. Vittiglio, attorney-in-fact 03/11/2010

**Signature of Reporting Person Date

Explanation of Responses:

- * 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).
- These shares are held by George D. Yancopoulos and his successors, as Trustee of The Ronald A. DePinho and Lynda Chin Family Trust.

 (1) George Yancopoulos is the trustee of this trust and he exercises sole voting and investment power over the shares held of record by such trusts. Dr. DePinho disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.
 - These shares are held by George Yancopoulos and his successors, as Trustee of The Ronald DePinho and Lynda Chin Family Trust.
- (2) George Yancopoulos is the trustee of this trust and he exercises sole voting and investment power over the shares held of record by such trusts. Dr. DePinho disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.
- (3) These shares are held by Dr. DePinho's spouse. Dr. DePinho disclaims beneficial ownership over all such shares, except to the extent of his pecuniary interest therein.
- (4) This option first became exercisable on August 1, 2008 and vests over a two-year period in equal monthly installments.

Reporting Owners 2

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- (5) This option first became exercisable on July 31, 2009 and vests over a one-year period in equal monthly installments.
- This option is held by Dr. DePinho's spouse. Dr. DePinho disclaims beneficial ownership over the shares underlying such option, except to the extent of his pecuniary interest therein. The option first became exercisable on October 1, 2008 and vests over a two-year period in
- equal monthly installments.

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.