REGENERATION TECHNOLOGIES INC Form SC 13G May 10, 2001

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

> > SCHEDULE 13G

Under the Securities Exchange Act of 1934

Regeneration Technologies, Inc.

(Name of Issuer)

Common Stock, \$0.001 par value

(Title of Class of Securities)

75886N100

(CUSIP Number)

March 14, 2001

(Date of Event Which Requires Filing of this Statement)

Check the appropriate box to designate the rule pursuant to which this Schedule is filed:

[_]	Rule	13d-1(b)
[X]	Rule	13d-1(c)
[_]	Rule	13d-1(d)

* The remainder of this cover page shall be filled out for a reporting person's initial filing on this form with respect to the subject class of securities, and for any subsequent amendment containing information which would alter disclosures provided in a prior cover page.

The information required on the remainder of this cover page shall not be deemed to be "filed" for the purpose of Section 18 of the Securities Exchange Act of 1934 ("Act") or otherwise subject to the liabilities of that section of the Act but shall be subject to all other provisions of the Act (however, see the Notes).

> (Continued on following page(s)) Page 1 of 5 Pages

CUSIP No. 75886N100

1	NAME OF REPORTING PERSONS I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (ENTITIES ONLY) University of Florida Research Foundation, Incorporated				
2	CHECK THE APPROPRIATE BOX IF A MEMBER OF A GROUP (SEE INSTRUCTIONS) (a) [_] (b) [_]				
3	SEC USE ONLY				
4	CITIZENSHIP OR PLACE OF ORGANIZATION Florida				
	NUMBER OF SHARES	5	SOLE VOTING POWER 2,332,725		
	BENEFICIALLY	6	SHARED VOTING POWER		
	OWNED BY		N/A		
	EACH	7	SOLE DISPOSITIVE POWER 2,332,725		
	REPORTING		2,002,120		
	PERSON	8	SHARED DISPOSITIVE POW. N/A	ER	
	WITH				
9	AGGREGATE AMOUNT BENEFICIALLY OWNED BY EACH REPORTING PERSON 2,332,725				
10	CHECK BOX IF THE AGGREGATE AMOUNT IN ROW (9) EXCLUDES CERTAIN SHARES (SEE INSTRUCTIONS) [_]				
11	PERCENT OF CLASS REPRESENTED BY AMOUNT IN ROW 9 10.76%				
12	TYPE OF REPORTING PERSON (SEE INSTRUCTIONS) CO				

Page 2 of 5 Pages

CUSIP No. 75886N100

Item 1(a).	Name of Issuer:
	Regeneration Technologies, Inc.
Item 1(b).	Address of Issuer's Principal Executive Offices:
	One Innovation Drive Alachua, Florida 32615
Item 2(a).	Name of Person Filing:
	University of Florida Research Foundation, Incorporated
Item 2(b).	Address of Principal Business Office or, if none,
	Residence:
	223 Grinter Hall University of Florida Gainesville, Florida 32611-5500
Item 2(c).	Citizenship:
	Florida
Item 2(d).	Title of Class of Securities:
	Common Stock, \$0.001 par value
Item 2(e).	CUSIP Number:
	75886N100
Item 3.	If this statement is filed pursuant to Rules
	13d-1(b), or 13d-2(b) or (c), check whether the
	person filing is a:
	Inapplicable
Item 4.	Ownership (as of May 7, 2001)*
	(a) Amount Beneficially Owned: 2,332,725
	(b) Percent of Class: 10.76%
	*As of March 14, 2001, reporting person beneficially owned 3,520,000 shares constituting 16.2% of the issuer's outstanding common stock.

Page 3 of 5 Pages

CUSIP No. 7588				
		(c)	Number	of shares as to which such person has:
			(i)	sole power to vote or to direct the vote:
				2,332,725
			(ii)	shared power to vote or to direct the vote:
				Inapplicable
			(iii)	sole power to dispose or to direct the disposition of:
				2,332,725
			(iv)	shared power to dispose or to direct the disposition of:
				Inapplicable
	tem 5.			Five Percent or Less of a Class.
_				
_			licable	
	tem 6. 	Ownership of More than Five Percent on Behalf of		
			er Pers	
		Inapp	licable	3
	tem 7.			on and Classification of the
-		Subsidiary Which Acquired the Security Being		
		Repor	ted on	By the Parent Holding Company.
		Inapr	licable	2
т	tom 8			on and Classification of Members of
Item 8.				
			roup.	
		Inapp	licable	
	tem 9.			ssolution of Group.
		Inapp	licable	2
Т	tem 10.		ficatio	

(a) Inapplicable

(b) By signing below I certify that, to the best of my knowledge and belief, the securities referred to above were not acquired and are not held for the purpose of or with the effect of changing or influencing the control of the issuer of the securities and were not acquired and are not held in connection with or as a participant in any transaction having that purpose or effect.

Page 4 of 5 Pages

SIGNATURE

After reasonable inquiry and to the best of my knowledge and belief, I certify that the information set forth in this statement is true, complete and correct.

May 9, 2001

UNIVERSITY OF FLORIDA RESEARCH FOUNDATION, INCORPORATED

By: /s/ Winfred M. Phillips

Name: Winfred M. Phillips Title: VP For Research & Dean of Grad. School
