SOLIGENIX, INC. Form SC 13D/A October 02, 2009

## SECURITIES AND EXCHANGE COMMISSION Washington, D.C. 20549

## SCHEDULE 13D/A1 (Amendment No. 1)

Under the Securities Exchange Act of 1934

Soligenix, Inc.

(Name of Issuer)

Common Stock, Par Value \$0.001 per share

(Title of Class of Securities)

258094101

(CUSIP Number)

James Robinson, Esq. Cahill Gordon & Reindel llp 80 Pine Street New York, NY 10005 (212) 701-3000

(Name, Address and Telephone Number of Person Authorized to Receive Notices and Communications)

September 24, 2009

(Date of Event which Requires Filing of this Statement)

If the filing person has previously filed a statement on Schedule 13G to report the acquisition that is the subject of this Schedule 13D, and is filing this schedule because of §§ 240.13d-1(e), 240.13d-1(f) or 240.13d-1(g), check the following box [X].

NOTE: Schedules filed in paper format shall include a signed original and five copies of the schedule, including all exhibits. See Rule 240.13d-7 for other parties to whom copies are to be sent.

\*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).

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CUSIP No. 2580942	101	
(1)	NAME OF REPORTING PERSONS	
	I.R.S. IDENTIFICATIO	N NOS. OF ABOVE PERSONS (entities only)
	Paolo Cavazza	
(2)		RIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) [ ]	
	(b) [ ]	
(3)	SEC USE ONLY	
(4)	SOURCE OF FUNDS	
(4)	AF, PF	
(5)		RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
(5)	ITEMS 2(d) or 2(e) []	RE OF LEGAL FROCLEDINGS IS REQUIRED FORSCANT TO
(6)		CE OF ORGANIZATION
(0)	Italy	
Number of	(7)	SOLE VOTING POWER
Shares	( )	1,190,770
Beneficially Owned	(8)	SHARED VOTING POWER
2	, ,	47,951,620
by Each	(9)	SOLE DISPOSITIVE POWER
Reporting		1,190,770
Person With	(10)	SHARED DISPOSITIVE POWER
		47,951,620
(11)	AGGREGATE AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	49,142,390	
(12)	CHECK IF THE AGGR	EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES
	[]	
(13)		REPRESENTED BY AMOUNT IN ROW (11)
		4,666 shares of Common Stock outstanding as of August 10, 2009, as
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange
		l, with the Securities and Exchange Commission on August 14, 2009,
		f Common Stock issued by the Issuer pursuant to its private placement
		ported in the Issuer's Current Report on Form 8-K, filed pursuant to the
		of 1934, as amended, with the Securities and Exchange Commission on
	· ·	s 1,976,284 shares of Common Stock issuable upon exercise of the
(1.4)	Warrant (as defined belo	
(14)	TYPE OF REPORTING	PERSON
	IN	

CUSIP No. 2580942	101		
(1)	NAME OF REPORTING PERSONS		
	I.R.S. IDENTIFICATION NOS. OF ABOVE PERSONS (entities only)		
	Claudio Cavazza		
(2)	CHECK THE APPROPI	RIATE BOX IF A MEMBER OF A GROUP (See Instructions)	
. ,	(a) [ ]		
	(b) [ ]		
(3)	SEC USE ONLY		
(4)	SOURCE OF FUNDS		
	AF		
(5)		RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO	
	ITEMS 2(d) or 2(e) [ ]		
(6)		CE OF ORGANIZATION	
	Italy		
Number of	(7)	SOLE VOTING POWER	
Shares		0	
Beneficially Owned	(8)	SHARED VOTING POWER	
		47,595,520	
by Each	(9)	SOLE DISPOSITIVE POWER	
Reporting	(-)	0	
Person With	(10)	SHARED DISPOSITIVE POWER	
	(10)	47,595,520	
(11)	AGGREGATE AMOUN	VT BENEFICIALLY OWNED BY EACH REPORTING PERSON	
(11)	47,595,520		
(12)		EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES	
(12)	[]		
(13)		REPRESENTED BY AMOUNT IN ROW (11)	
(10)	25.5% (based on 167,424,666 shares of Common Stock outstanding as of August 10, 2009, as		
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange	
	-	, with the Securities and Exchange Commission on August 14, 2009,	
		f Common Stock issued by the Issuer pursuant to its private placement	
	in September 2009, as reported in the Issuer's Current Report on Form 8-K, filed pursuant to the		
	Securities Exchange Act of 1934, as amended, with the Securities and Exchange Commission on		
	September 29, 2009, plus 1,976,284 shares of Common Stock issuable upon exercise of the		
	Warrant (as defined below)).		
(14)	TYPE OF REPORTING		
()	IN IN IN IN IN IN IN IN IN		

CUSIP No. 2580941	101	
(1)	NAME OF REPORTING PERSONS	
	I.R.S. IDENTIFICATIC	NNOS. OF ABOVE PERSONS (entities only)
	Sigma-Tau Finanziaria S	•
(2)		RIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) [ ]	
	(b) [ ]	
(3)	SEC USE ONLY	
(4)	SOURCE OF FUNDS	
	AF	
(5)	CHECK IF DISCLOSU	RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
	ITEMS 2(d) or 2(e) [ ]	
(6)		CE OF ORGANIZATION
	Italy	
Number of	(7)	SOLE VOTING POWER
Shares		0
Beneficially Owned	(8)	SHARED VOTING POWER
5		47,595,520
by Each	(9)	SOLE DISPOSITIVE POWER
Reporting		0
Person With	(10)	SHARED DISPOSITIVE POWER
		47,595,520
(11)	AGGREGATE AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	47,595,520	
(12)		EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES
	[]	
(13)		REPRESENTED BY AMOUNT IN ROW (11)
		4,666 shares of Common Stock outstanding as of August 10, 2009, as
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange
		d, with the Securities and Exchange Commission on August 14, 2009,
		of Common Stock issued by the Issuer pursuant to its private placement
		eported in the Issuer's Current Report on Form 8-K, filed pursuant to the
		t of 1934, as amended, with the Securities and Exchange Commission on
		is 1,976,284 shares of Common Stock issuable upon exercise of the
	Warrant (as defined belo	*
(14)	TYPE OF REPORTING	
(- ·)	CO	

CUSIP No. 2580942	101	
(1)	NAME OF REPORTING PERSONS	
	I.R.S. IDENTIFICATIO	NNOS. OF ABOVE PERSONS (entities only)
	Sigma-Tau International	•
(2)		RIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) [ ]	
	(b) [ ]	
(3)	SEC USE ONLY	
(4)	SOURCE OF FUNDS	
	AF	
(5)	CHECK IF DISCLOSU	RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
	ITEMS 2(d) or 2(e) [ ]	
(6)		CE OF ORGANIZATION
	Luxembourg	
Number of	(7)	SOLE VOTING POWER
Shares		0
Beneficially Owned	(8)	SHARED VOTING POWER
2		47,595,520
by Each	(9)	SOLE DISPOSITIVE POWER
Reporting		0
Person With	(10)	SHARED DISPOSITIVE POWER
		47,595,520
(11)	AGGREGATE AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	47,595,520	
(12)	CHECK IF THE AGGR	EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES
	[]	
(13)		REPRESENTED BY AMOUNT IN ROW (11)
		4,666 shares of Common Stock outstanding as of August 10, 2009, as
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange
		d, with the Securities and Exchange Commission on August 14, 2009,
		of Common Stock issued by the Issuer pursuant to its private placement
		eported in the Issuer's Current Report on Form 8-K, filed pursuant to the
		t of 1934, as amended, with the Securities and Exchange Commission on
		is 1,976,284 shares of Common Stock issuable upon exercise of the
	Warrant (as defined belo	*
(14)	TYPE OF REPORTING	
× /	CO	

CUSIP No. 2580942	101	
(1)	NAME OF REPORTING	G PERSONS
	I.R.S. IDENTIFICATIO	N NOS. OF ABOVE PERSONS (entities only)
	Sigma-Tau America S.A	L.
(2)	CHECK THE APPROP	RIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) [ ]	
	(b) [ ]	
(3)	SEC USE ONLY	
(4)	SOURCE OF FUNDS	
	AF	
(5)	CHECK IF DISCLOSU	RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
	ITEMS 2(d) or 2(e) [ ]	
(6)	CITIZENSHIP OR PLA	CE OF ORGANIZATION
	Luxembourg	
Number of	(7)	SOLE VOTING POWER
Shares	. ,	0
Beneficially Owned	(8)	SHARED VOTING POWER
•	. ,	47,595,520
by Each	(9)	SOLE DISPOSITIVE POWER
Reporting		0
Person With	(10)	SHARED DISPOSITIVE POWER
		47,595,520
(11)	AGGREGATE AMOUN	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	47,595,520	
(12)	CHECK IF THE AGGR	EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES
	[]	
(13)	PERCENT OF CLASS	REPRESENTED BY AMOUNT IN ROW (11)
		4,666 shares of Common Stock outstanding as of August 10, 2009, as
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange
		l, with the Securities and Exchange Commission on August 14, 2009,
		of Common Stock issued by the Issuer pursuant to its private placement
		eported in the Issuer's Current Report on Form 8-K, filed pursuant to the
		of 1934, as amended, with the Securities and Exchange Commission on
		s 1,976,284 shares of Common Stock issuable upon exercise of the
	Warrant (as defined belo	*
(14)	TYPE OF REPORTING	
	CO	

CUSIP No. 258094	101	
(1)	NAME OF REPORTING PERSONS	
	I.R.S. IDENTIFICATIC	ON NOS. OF ABOVE PERSONS (entities only)
	Sigma-Tau Pharmaceuti	
(2)		RIATE BOX IF A MEMBER OF A GROUP (See Instructions)
	(a) [ ]	
	(b) [ ]	
(3)	SEC USE ONLY	
(4)	SOURCE OF FUNDS	
	WC	
(5)	CHECK IF DISCLOSU	RE OF LEGAL PROCEEDINGS IS REQUIRED PURSUANT TO
	ITEMS 2(d) or 2(e) [ ]	
(6)		CE OF ORGANIZATION
	Nevada	
Number of	(7)	SOLE VOTING POWER
Shares	· · /	0
Beneficially Owned	(8)	SHARED VOTING POWER
5		47,595,520
by Each	(9)	SOLE DISPOSITIVE POWER
Reporting		0
Person With	(10)	SHARED DISPOSITIVE POWER
		47,595,520
(11)	AGGREGATE AMOU	NT BENEFICIALLY OWNED BY EACH REPORTING PERSON
	47,595,520	
(12)		EGATE AMOUNT IN ROW (11) EXCLUDES CERTAIN SHARES
()	[]	
(13)		REPRESENTED BY AMOUNT IN ROW (11)
()		4,666 shares of Common Stock outstanding as of August 10, 2009, as
		Quarterly Report on Form 10-Q, filed pursuant to the Securities Exchange
		d, with the Securities and Exchange Commission on August 14, 2009,
		of Common Stock issued by the Issuer pursuant to its private placement
		eported in the Issuer's Current Report on Form 8-K, filed pursuant to the
		t of 1934, as amended, with the Securities and Exchange Commission on
	6	is 1,976,284 shares of Common Stock issuable upon exercise of the
	Warrant (as defined belo	
(14)	TYPE OF REPORTING	
(- ')	CO	

## Item 1. Security and Issuer.

Item 1 of the Schedule 13D is hereby amended and restated in its entirety as follows:

This Amendment No. 1 by Paolo Cavazza, an Italian citizen, Claudio Cavazza, an Italian citizen, Sigma-Tau Finanziaria S.p.A., an Italian corporation ("Sigma-Tau Finanziaria"), Sigma -Tau International S.A., a Luxembourg corporation ("Sigma-Tau International"), Sigma-Tau America S.A., a Luxembourg corporation ("Sigma-Tau America") and Sigma-Tau Pharmaceuticals, a Nevada Corporation ("Sigma-Tau Pharmaceuticals" and, together with Paolo Cavazza, Claudio Cavazza, Sigma-Tau Finanziaria, Sigma-Tau International and Sigma-Tau America, the "Reporting Parties") amends the Schedule 13D filed with the SEC on February 20, 2009 with respect to the Common Stock, \$0.001 par value (the "Common Stock"), of Soligenix, Inc. (formerly DOR BioPharma, Inc.) (the "Issuer"), a Delaware corporation whose principal offices are located at 29 Emmons Drive, Suite C-10, Princeton, New Jersey 08540.

Item 2. Identity and Background.

Item 2 of the Schedule 13D is hereby amended and restated in its entirety as follows:

This Schedule 13D is being filed jointly on behalf of Paolo Cavazza, Claudio Cavazza, Sigma-Tau Finanziaria, Sigma-Tau International, Sigma-Tau America and Sigma-Tau Pharmaceuticals. Claudio Cavazza directly and indirectly owns 57% of Sigma-Tau Finanziaria. Paolo Cavazza directly and indirectly owns 38% of Sigma-Tau Finanziaria. Sigma-Tau International is a direct wholly-owned subsidiary of Sigma-Tau Finanziaria. Sigma-Tau America is a direct wholly-owned subsidiary of Sigma-Tau Pharmaceuticals is a direct wholly-owned subsidiary of Sigma-Tau Ph

The business address of Sigma-Tau Finanziaria is Via Sudafrica, 20, Rome, Italy 00144. The principal business of Sigma Tau Finanziaria is as a parent holding company whose principal assets consist of the common stock of its subsidiaries which form a fully integrated pharmaceutical company operating in Europe, the United States and Africa.

The business address of Sigma-Tau International is 19-21 Boulevard du Prince Henri,

L-1724 Luxembourg. Sigma-Tau International is a subsidiary holding company whose principal assets consist of the common stock of its subsidiaries which form a fully integrated pharmaceutical company operating in Europe (excluding Italy), the United States and Africa.

The business address of Sigma-Tau America is 19-21 Boulevard du Prince Henri, L-1724 Luxembourg. Sigma-Tau America is a subsidiary holding company whose principal assets consist of the common stock of its subsidiaries which form a fully integrated pharmaceutical company operating mainly in the United States.

The business address of Sigma-Tau Pharmaceuticals is 9841 Washingtonian Boulevard, Suite 500, Gaithersburg, Maryland 20878. Sigma-Tau Pharmaceuticals is a pharmaceuticals company engaged in the global development and commericalization of pharmaceuticals for patients with rare diseases.

The name, address, principal occupation or employment and citizenship of each of the executive officers and directors of, and each person, including Claudio Cavazza and Paolo Cavazza, controlling Sigma-Tau Finanziaria, Sigma-Tau International, Sigma-Tau America and Sigma-Tau Pharmaceuticals are set forth in Schedule A hereto. Neither the Reporting Parties nor any of the persons listed on

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Schedule A has been, during the last five years, (a) convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (b) a party to a civil proceeding of a judicial or administrative body of competent jurisdiction and as a result of such proceeding was or is subject to a judgment, decree or final order enjoining future violations of, or prohibiting or mandating activities subject to, federal or state securities laws or finding any violation with respect to such laws.

Item 3. Source and Amount of Funds or Other Consideration.

Item 3 of the Schedule 13D is hereby amended and restated in its entirety as follows:

In July 2006, Chaumiere-Consultadoria e Servicos SDC Unipessoal LDA ("Chaumire") purchased 356,100 shares of Common Stock in the open market at an average cash purchase price of \$0.267 per share. Chaumiere used its working capital to purchase such shares. Chaumiere is an indirect wholly-owned subsidiary of Aptafin S.A. ("Aptafin"). Aptafin is owned by Paolo Cavazza and members of his family.

During the period from July 18, 2006 through September 8, 2006, Paolo Cavazza purchased 1,190,770 shares of Common Stock in the open market at an average cash purchase price of \$0.2713 per share. Paolo Cavazza used personal funds to purchase such shares.

On November 26, 2008, pursuant to a Letter of Intent, dated November 26, 2008, between the Issuer and Sigma-Tau Pharmaceuticals (the "Letter of Intent"), Sigma-Tau Pharmaceuticals purchased 16,666,667 shares of Common Stock at a cash purchase price of \$0.09 per share. Sigma-Tau Pharmaceuticals used its working capital to purchase such shares.

On February 11, 2009, pursuant to a Common Stock Purchase Agreement, dated as of February 11, 2009, between the Issuer and Sigma-Tau Pharmaceuticals (the "February 2009 Purchase Agreement"), Sigma-Tau Pharmaceuticals purchased 25,000,000 shares of Common Stock at a cash purchase price of \$0.18 per share. Sigma-Tau Pharmaceuticals used its working capital to purchase such shares.

On September 24, 2009, pursuant to a Securities Purchase Agreement, dated as of September 23, 2009, among the Issuer, Sigma-Tau Pharmaceuticals and the other Investors identified therein (the "September 2009 Purchase Agreement"), Sigma-Tau Pharmaceuticals agreed to purchase and, on September 28, 2009, Sigma-Tau Pharmaceuticals purchased, 3,952,569 shares of Common Stock at a cash purchase price of \$0.253 per share. Sigma-Tau Pharmaceuticals used its working capital to purchase such shares. In consideration of the purchase of such shares, the Issuer issued a warrant to Sigma-Tau Pharmaceuticals to purchase 1,976,284 shares of Common Stock (the "Warrant"), exercisable at a price of \$0.278 per share, in whole or in part, at any time and from time to time from September 28, 2009 through September 27, 2014. The expiration date of the Warrant may be accele