NOVARTIS AG Form SC 13D/A May 20, 2009

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

SCHEDULE 13D/A

Under the Securities Exchange Act of 1934 (Amendment No. 3)*

Idenix Pharmaceuticals, Inc.

(Name of Issuer)

Common Stock

(Title of Class of Securities)

45166R 20 4

(CUSIP Number)

Anthony A. Hörning, Esq. Novartis Pharma AG Lichtstrasse 35 CH-4056 Basel, Switzerland +41 61 324 8323 Adam H. Golden, Esq. Kaye Scholer LLP 425 Park Avenue New York, New York 10022 (212) 259-8000

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

May 19, 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 Rule 13d-1(e), 13d-1(f) or 13d-1(g), check the following box O.

Note: Schedules filed in paper format shall include a signed original and five copies of the Schedule, including all exhibits. See Rule 13d-7 for other parties to whom copies are to be sent.

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

1.	Name of Reporting Person I.R.S. Identification Nos. of Above Person (Entities Only)*				
	NOVARTIS AG				
2.		Check the Appropriate Box if a Member of a Group*			
	(a)	0			
	(b)	0			
3.	SEC Use Only				
4.	Source of Funds* AF				
5.	Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O				
6.	Citizenship or Place of Organization SWITZERLAND				
	7.	Sole Voting Power 0			
Number of Shares Beneficially Owned by Each Reporting Person With	8.	Shared Voting Power 31,314,942			
	9.	Sole Dispositive Power 0			
	10.	Shared Dispositive Power 31,314,942			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 31,314,942				
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares * 0				
13.	Percent of Class Represented by Amount in Row (11) 53.0%				
14.	Type of Reporting Person ³	k			
*GEE INGERTICES	TONG				
*SEE INSTRUCTI	IONS				

1.	Name of Reporting Person I.R.S. Identification Nos. of Above Person (Entities Only)*				
	NOVARTIS PHARMA AG				
2.	Check the Appropriate Bo	Check the Appropriate Box if a Member of a Group*			
	(a)	0			
	(b)	O			
3.	SEC Use Only				
4.	Source of Funds*				
	WC				
5.	Check Box if Disclosure of Legal Proceedings Is Required Pursuant to Items 2(d) or 2(e) O				
6.	Citizenship or Place of Organization SWITZERLAND				
	7.	Sole Voting Power 0			
Number of Shares Beneficially	8.	Shared Voting Power 31,314,942			
Owned by					
Each	9.	Sole Dispositive Power			
Reporting Person With		0			
	10.	Shared Dispositive Power 31,314,942			
11.	Aggregate Amount Beneficially Owned by Each Reporting Person 31,314,942				
12.	Check Box if the Aggregate Amount in Row (11) Excludes Certain Shares * 0				
13.	Percent of Class Represented by Amount in Row (11) 53.0%				
14.	Type of Reporting Person* CO				
*SEE INSTRUCTI	ONS				

Item 1. Security and Issuer

This Amendment No. 3 to Schedule 13D (this Amendment) amends the initial statement on Schedule 13D filed with the Securities and Exchange Commission on July 27, 2004, as previously amended on September 7, 2005 and November 2, 2005 (the Original Schedule 13D) relating to Common Stock (the Common Stock), par value \$0.001 per share of Idenix Pharmaceuticals, Inc., a Delaware corporation (the Company). The address of the Company s principal executive offices is 60 Hampshire Street, Cambridge, Massachusetts 02139.

Except as otherwise described herein, the information contained in the Original Schedule 13D remains in effect. Capitalized terms used but not defined in this Amendment shall have the respective meanings set forth with respect thereto in the Original Schedule 13D.

Item 2. Identity and Background

No change except as described below.

(a) - (c) and (f) The name, business address, present principal occupation or employment and citizenship of the executive officers and members of the Board of Directors of each of the Reporting Persons is set forth on Schedule I hereto and is incorporated herein by reference.

(d) and (e) Neither the Reporting Persons nor, to the best knowledge of each of them, any of the persons listed on Schedule I hereto with respect to each such Reporting Person during the last five years, (i) has been convicted in a criminal proceeding (excluding traffic violations or similar misdemeanors) or (ii) was 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

No change except as described below.

Novartis Pharma acquired the following shares of Common Stock pursuant to the exercise of stock subscription rights under the Stockholders Agreement:

On March 3, 2006, Novartis Pharma acquired 2,938 shares of Common Stock for \$16.23 per share or an aggregate of \$47,681.01.

On June 2, 2006, Novartis Pharma acquired 365 shares of Common Stock for \$20.48 per share or an aggregate of \$7,475.20.

On May 29, 2008, Novartis Pharma acquired 924 shares of Common Stock for \$2.41 per share or an aggregate of \$2,226.84.

On September 2, 2008, Novartis Pharma acquired 4,654 shares of Common Stock for \$2.93 per share or an aggregate of \$13,637.84.

On November 19, 2008, Novartis Pharma acquired 4,747 shares of Common Stock for \$4.05 per share or an aggregate of \$19,257.00.

On February 23, 2009, Novartis Pharma acquired 5,444 shares of Common Stock for \$2.41 per share or an aggregate of \$13,120.04.

The source of funds for these acquisitions was Novartis Pharma s working capital.

Item 4. Purpose of Transaction

No change except as described below.

The Company filed a registration statement on Form S-3 (the Registration Statement) for the sale of up to \$100,000,000 in shares of Common Stock, which Registration Statement became effective on October 17, 2008.

As described in the Original Schedule 13D, pursuant to the Stockholders Agreement, Novartis Pharma had the right to receive notice of the filing of, and to include shares of Common Stock owned by it in, the Registration Statement. In addition, Novartis has the right under the Stockholders Agreement to approve new issuances of Common Stock by the Company (subject to certain exceptions) and to purchase a pro rata portion of such new shares.

On May 19, 2009, the Company and Novartis Pharma entered into an S-3 Financing Waiver and Consent (the Waiver and Consent) under which Novartis Pharma consented to the filing of the Registration Statement, waived its right to include shares of Common stock in such Registration Statement, approved the issuance and sale by the Company of new shares of Common Stock pursuant to the Registration Statement (such issuance and sale, the S-3 Financing) and waived its right to purchase a pro rata portion of such new shares. In addition, pursuant to the Waiver and Consent, the Company granted Novartis Pharma the right to designate an additional director to serve on the Company s Board, including the right, for up to one year, to remove and replace such designee. The Waiver and Consent is conditioned on Novartis holding not less than forty-three percent (43%) of the Common Stock outstanding immediately after completion of the S-3 Financing and is effective through December 31, 2010.

As described in the Original Schedule 13D, Novartis Pharma and the Company are parties to a Letter Agreement under which Novartis Pharma has certain rights with respect to the selection, appointment and termination of the Chief Financial Officer of the Company. On January 28, 2009, Novartis Pharma and the Company entered into an amendment to the Letter Agreement (the Letter Amendment). The Letter Amendment provides that so long as Novartis Pharma and its affiliates own at least forty percent (40%) of the Company s Common Stock, Novartis Pharma s consent is required for the selection and appointment of the Company s Chief Financial Officer. Prior to the execution of the Letter Amendment, the ownership requirement was fifty percent (50%). If in Novartis Pharma s reasonable judgment the Chief Financial Officer is not satisfactorily performing his or her duties, the Company is required to terminate his or her employment.

The descriptions of each of the Waiver and Consent and Letter Amendment are qualified by reference to the full text thereof, which is included as an exhibit hereto and incorporated herein by reference.

Item 5. Interest in Securities of the Issuer

No change except as described below.

(a) and (b) Novartis is the beneficial owner of 31,314,942 shares of Common Stock representing 53.0% of the outstanding shares of Common Stock, all of which shares are owned directly by Novartis Pharma. Novartis has shared power to vote or direct the vote and shared power to dispose or to direct the disposition of all shares of Common Stock beneficially owned by it.

Novartis Pharma is the record and beneficial owner of 31,314,942 shares of Common Stock, representing 53.0% of the outstanding shares of Common Stock. Novartis Pharma has shared power to vote or direct the vote and shared power to dispose or to direct the disposition of all shares of Common Stock beneficially owned by it.

To the best knowledge of each of the Reporting Persons, none of the persons listed on Schedule I hereto with respect to such Reporting Person is the beneficial owner of any shares of Common Stock.

- (c) Except for the transactions described in Item 3 neither the Reporting Persons nor, to the best knowledge of each of the Reporting Persons, any of the persons listed on Schedule I has engaged in any transaction in the Common Stock in the past 60 days.
- Item 6. Contracts, Arrangements, Understandings or Relationships with Respect to Securities of the Issuer No change.

Item 7. Material to be Filed as Exhibits

No change except for the additional exhibits described below.

- Exhibit 1 S-3 Financing Waiver and Consent, dated as of May 19, 2009.
- Exhibit 2 Amendment to Letter Agreement, dated as of January 28, 2009, by and between the Company and Novartis Pharma, incorporated by reference from Exhibit 10.3 to the Company s 8-K filed by the Company on February 6, 2009.
- Exhibit 3 Amendment No. 2 to Development, License and Commercialization Agreement, dated as of December 21, 2004, by and among the Company, Idenix (Cayman) Limited and Novartis Pharma, incorporated by reference from Exhibit 10.16 to the Company s annual report on Form 10-K for the fiscal year ended December 31, 2004 filed by the Company on March 17, 2005.

- Exhibit 4 Amendment No. 3 to Development, License and Commercialization Agreement, dated as of February 27, 2006, by and among the Company, Idenix (Cayman) Limited and Novartis Pharma, incorporated by reference from Exhibit 10.14 to the Company s annual report on Form 10-K for the fiscal year ended December 31, 2005 filed by the Company on March 16, 2006.
- Exhibit 5 Amendment No. 4 to Development, License and Commercialization Agreement, dated as of September 28, 2007, by and among the Company, Idenix (Cayman) Limited and Novartis Pharma, incorporated by reference from Exhibit 10.1 to the Company s quarterly report on Form 10-Q for the fiscal quarter ended September 30, 2007 filed by the Company on November 8, 2007.
- Exhibit 6 Amendment No. 5 to Development, License and Commercialization Agreement, dated as of January 28, 2009, by and among the Company, Idenix (Cayman) Limited and Novartis Pharma, incorporated by reference from Exhibit 10.2 to the Company s 8-K filed by the Company on February 6, 2009.

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SIGNATURES

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.

Date: May 19, 2009

NOVARTIS AG

By: /s/ Paul David Burns
Name: Paul David Burns
Title: Authorized Signatory

By: /s/ Thomas Werlen
Name: Dr. Thomas Werlen
Title: Authorized Signatory

NOVARTIS PHARMA AG

By: /s/ Anthony A. Hörning Name: Anthony A. Hörning

Title: Head, Global Alliance Management

By: /s/ Paul David Burns
Name: Paul David Burns
Title: General Counsel

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SCHEDULE I to Form 13-D/A

DIRECTORS AND EXECUTIVE OFFICERS OF

NOVARTIS AND NOVARTIS PHARMA

DIRECTORS AND EXECUTIVE OFFICERS OF NOVARTIS

The name, address, citizenship and present principal occupation or employment of each of the directors and executive officers of Novartis are set forth below. Unless otherwise indicated below, each occupation set forth opposite an individual s name refers to employment with Novartis.

Name	Relationship to Novartis	Principal Occupation	Citizenship
Daniel Vasella, M.D	Chairman of the Board of Directors, Chief Executive Officer	Chairman of the Board of Directors, Chief Executive Officer	Swiss
Ulrich Lehner, Ph.D.	Vice Chairman and Lead Director of the Board of Directors	Member of Shareholder s Committee of Henkel AG & Co. KGaA, manufacturer and vendor of consumer products; Henkelstrasse 67, 40191 Düsseldorf, Germany	German
		Chairman of the Supervisory Board of Deutsche Telekom AG, provider of telecommunications services; Friedrich-Ebert-Allee 140, 53113 Bonn, Germany	
Hans-Jörg Rudloff	Vice Chairman of the Board of Directors	Chairman of Barclays Capital, provider of financial services; 5 The North Colonnade, Canary Wharf, London, E14 4BB, United Kingdom	German
William R. Brody	Director	President of the Salk Institute for Biological Studies, 10010 North Torrey Pines Road, La Jolla, CA 92037, USA	American
Srikant Datar, Ph.D.	Director	Senior Associate Dean; Morgan Hall 361, Harvard Business School, Soldiers Field Road, Boston, MA 02163, USA	American
		MA 02103, USA	

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rd of General Electric A ed technology, media, and orporation; 3135 Easton CT 06828, USA	umerican
kefeller Foundation; 420 York, NY 10018, USA	
rogram Advisory Panel of on; PO Box 23350, Seattle,	
s International AG, 4002 S	wiss
ndoz Family Foundation; Sv -Guisan, CH-1009 Pully,	wiss
rm of Lenz & Staehelin; Sv CH- 1211 Geneva 17,	wiss
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le and apparel el Enterprises Limited, re, 25 Harbour Road,	Chinese
ersity of Zurich,	wiss
t	re, 25 Harbour Road, ng

Raymund Breu, Ph.D.	Member of the Executive Committee, Chief Financial Officer	Member of the Executive Committee, Chief Financial Officer	Swiss
Jürgen Brokatzky- Geiger, Ph.D.	Member of the Executive Committee, Head of Human Resources	Member of the Executive Committee, Head of Human Resources	German
Mark C. Fishman, M.D.	Member of the Executive Committee, President of the Novartis Institutes for BioMedical Research	Member of the Executive Committee, President of the Novartis Institutes for BioMedical Research	American
Joseph Jimenez	Member of the Executive Committee, CEO of Novartis Pharmaceuticals Division	Member of the Executive Committee, CEO of Novartis Pharmaceuticals Division	American
Jörg Reinhardt, Ph.D.	Member of the Executive Committee, Chief Operating Officer	Member of the Executive Committee, Chief Operating Officer	German
Andreas Rummelt, Ph.D	Member of the Executive Committee, Group Head of Quality Assurance and Technical Operations	Member of the Executive Committee, Group Head of Quality Assurance and Technical Operations	German
Thomas Wellauer, Ph.D.	Member of the Executive Committee, Head of Corporate Affairs	Member of the Executive Committee, Head of Corporate Affairs	Swiss
Thomas Werlen, Ph.D.	Member of the Executive Committee, Group General Counsel	Member of the Executive Committee, Group General Counsel	Swiss

DIRECTORS AND EXECUTIVE OFFICERS OF NOVARTIS PHARMA

The name, address, citizenship and present principal occupation or employment of each of the directors and executive officers of Novartis Pharma are set forth below. Unless otherwise indicated below, each occupation set forth opposite an individual s name refers to employment with Novartis Pharma.

Name	Relationship to Novartis	Principal Occupation	Citizenship
Daniel Vasella, M.D.	Chairman of the Board of Directors	Chairman of the Board of Directors, Chief	Swiss
Director	and Chief Executive Officer	Executive Officer of Novartis	
Dr. Raymund Breu,	Chief Financial Officer	Chief Financial Officer of Novartis	Swiss
Ph.D.			
Director			
Joseph Jimenez	CEO of Novartis Pharmaceuticals	CEO of Novartis Pharmaceuticals Division	American
Director	Division		
Head of Management			

INDEX OF EXHIBITS

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JOINT FILING AGREEMENT

In accordance with Rule 13d-1(k) under the Securities Exchange Act of 1934, as amended, each of the persons named below agrees to the joint filing of a Statement on Schedule 13D (including amendments thereto) with respect to the common stock, par value \$0.001 per share, of Idenix Pharmaceuticals, Inc., a Delaware corporation.

Date: May 19, 2009

NOVARTIS AG

By: /s/ Paul David Burns
Name: Paul David Burns
Title: Authorized Signatory

By: /s/ Thomas Werlen
Name: Dr. Thomas Werlen
Title: Authorized Signatory

NOVARTIS PHARMA AG

By: /s/ Anthony A. Hörning
Name: Anthony A. Hörning

Title: Head, Global Alliance Management

By: /s/ Paul David Burns
Name: Paul David Burns
Title: General Counsel

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