

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

SCHEDULE 13G

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

**Ascendis Pharma A/S**

---

(Name of Issuer)

**Ordinary Shares**

---

(Title of Class of Securities)

**04351P101**

---

(CUSIP Number)

**December 31, 2015**

---

(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)
- 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 the disclosures provided in a prior cover page.

The information required in 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).

---

---

1.	Names of Reporting Persons Gilde Healthcare Holding BV	_____
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
	(a) <input type="checkbox"/>	_____
	(b) <input type="checkbox"/>	_____
3.	SEC Use Only	_____
4.	Citizenship or Place of Organization The Netherlands	_____
	5. Sole Voting Power 0	_____
Number of Shares Beneficially Owned by Each Reporting Person With	6. Shared Voting Power 1,859,136	_____
	7. Sole Dispositive Power 0	_____
	8. Shared Dispositive Power 1,859,136	_____
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136	_____
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	_____
11.	Percent of Class Represented by Amount in Row (9) 7.4%	_____
12.	Type of Reporting Person (See Instructions) OO	_____

---

---

1.	Names of Reporting Persons Gilde Healthcare II Sub-Holding B.V.
----	--

---

2.	Check the Appropriate Box if a Member of a Group (See Instructions)
(a)	<input type="checkbox"/>
(b)	<input type="checkbox"/>

---

3.	SEC Use Only
----	--------------

---

4.	Citizenship or Place of Organization The Netherlands
----	---

---

5.	Sole Voting Power 0
----	------------------------

---

6.	Shared Voting Power 1,859,136
----	----------------------------------

---

7.	Sole Dispositive Power 0
----	-----------------------------

---

8.	Shared Dispositive Power 1,859,136
----	---------------------------------------

---

9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136
----	---

---

10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>
-----	--

---

11.	Percent of Class Represented by Amount in Row (9) 7.4%
-----	---

---

12.	Type of Reporting Person (See Instructions) OO
-----	---

---

---

---

1.	Names of Reporting Persons Gilde Healthcare II Management BV	
<hr/>		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
(a)	<input type="checkbox"/>	
(b)	<input type="checkbox"/>	
<hr/>		
3.	SEC Use Only	
<hr/>		
4.	Citizenship or Place of Organization The Netherlands	
<hr/>		
	5. Sole Voting Power 0	
<hr/>		
Number of Shares Beneficially Owned by Each Reporting Person With	6. Shared Voting Power 1,859,136	
	<hr/>	
	7. Sole Dispositive Power 0	
	<hr/>	
	8. Shared Dispositive Power 1,859,136	
<hr/>		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136	
<hr/>		
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
<hr/>		
11.	Percent of Class Represented by Amount in Row (9) 7.4%	
<hr/>		
12.	Type of Reporting Person (See Instructions) OO	
<hr/>		

---

---

1.	Names of Reporting Persons Marc Olivier Perret	
<hr/>		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
(a)	<input type="checkbox"/>	
(b)	<input type="checkbox"/>	
<hr/>		
3.	SEC Use Only	
<hr/>		
4.	Citizenship or Place of Organization The Netherlands	
<hr/>		
	5. Sole Voting Power 0	
<hr/>		
Number of Shares Beneficially Owned by Each Reporting Person With	6. Shared Voting Power 1,859,136	
	<hr/>	
	7. Sole Dispositive Power 0	
	<hr/>	
	8. Shared Dispositive Power 1,859,136	
<hr/>		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136	
<hr/>		
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
<hr/>		
11.	Percent of Class Represented by Amount in Row (9) 7.4%	
<hr/>		
12.	Type of Reporting Person (See Instructions) IN	
<hr/>		

---

---

1.	Names of Reporting Persons Edwin de Graaf	
<hr/>		
2.	Check the Appropriate Box if a Member of a Group (See Instructions)	
(a)	<input type="checkbox"/>	
(b)	<input type="checkbox"/>	
<hr/>		
3.	SEC Use Only	
<hr/>		
4.	Citizenship or Place of Organization The Netherlands	
<hr/>		
	5. Sole Voting Power 0	
<hr/>		
Number of Shares Beneficially Owned by Each Reporting Person With	6. Shared Voting Power 1,859,136	
	<hr/>	
	7. Sole Dispositive Power 0	
	<hr/>	
	8. Shared Dispositive Power 1,859,136	
<hr/>		
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136	
<hr/>		
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>	
<hr/>		
11.	Percent of Class Represented by Amount in Row (9) 7.4%	
<hr/>		
12.	Type of Reporting Person (See Instructions) IN	
<hr/>		

---

---

1.	Names of Reporting Persons Martemanshurk BV (100% owned by Pieter van der Meer)
2.	Check the Appropriate Box if a Member of a Group (See Instructions) (a) <input type="checkbox"/> (b) <input type="checkbox"/>
3.	SEC Use Only
4.	Citizenship or Place of Organization The Netherlands
	5. Sole Voting Power 0
Number of Shares Beneficially Owned by Each Reporting Person With	6. Shared Voting Power 1,859,136
	7. Sole Dispositive Power 0
	8. Shared Dispositive Power 1,859,136
9.	Aggregate Amount Beneficially Owned by Each Reporting Person 1,859,136
10.	Check if the Aggregate Amount in Row (9) Excludes Certain Shares (See Instructions) <input type="checkbox"/>
11.	Percent of Class Represented by Amount in Row (9) 7.4%
12.	Type of Reporting Person (See Instructions) OO

---

**Item 1.**

- (a) Name of Issuer:  
Ascendis Pharma A/S
- (b) Address of the Issuer's Principal Executive Offices:  
Tuborg Boulevard 12  
DK-2900  
Hellerup, Denmark

**Item 2.**

- (a) Name of Person Filing:  
Gilde Healthcare Holding BV  
Gilde Healthcare II Sub-Holding BV  
Gilde Healthcare II Management BV  
Marc Olivier Perret  
Edwin de Graaf  
Martemanshurk BV (100% owned by Pieter van der Meer)
- (b) Address of Principal Business Office or if none, Residence:  
c/o Gilde Healthcare Partners BV  
Newtonlaan 91  
3584 BP Utrecht  
The Netherlands
- (c) Citizenship:  
Each of the reporting persons is organized and based in the Netherlands
- (d) Title and Class of Securities:  
Ordinary Shares, DKK 1 nominal value per share
- (e) CUSIP Number:  
04351P101

**Item 3.**

Not applicable.

---



**Item 4. Ownership:**

Provide the following information regarding the aggregate number and percentage of the class of securities of the Issuer identified in Item 1.

(a) Amount beneficially owned:	
Gilde Healthcare Holding BV	1,859,136 shares
Gilde Healthcare II Sub-Holding BV	1,859,136 shares
Gilde Healthcare II Management BV	1,859,136 shares
Marc Olivier Perret	1,859,136 shares
Edwin de Graaf	1,859,136 shares
Martemanshurk BV (100% owned by Pieter van der Meer)	1,859,136 shares

Gilde Healthcare II Sub-Holding BV directly owns 1,859,136 ordinary shares of the Issuer (the "Shares"). The manager of Gilde Healthcare II Sub-Holding BV is Gilde Healthcare II Management BV which is owned by Gilde Healthcare Holding BV. The three managing partners of Gilde Healthcare Holding BV are Edwin de Graaf, Marc Olivier Perret and Martemanshurk BV (of which Pieter van der Meer is the owner and manager).

Each of Messrs. Perret, De Graaf, van der Meer and Martemanshurk BV disclaim beneficial ownership of the Shares except to the extent of his or its pecuniary interest therein.

(b) Percent of class:	
Gilde Healthcare Holding BV	7.4%
Gilde Healthcare II Sub-Holding BV	7.4%
Gilde Healthcare II Management BV	7.4%
Marc Olivier Perret	7.4%
Edwin de Graaf	7.4%
Martemanshurk BV (100% owned by Pieter van der Meer)	7.4%

(c) Number of shares as to which the person has:	
(i) Sole power to vote or to direct the vote:	
Gilde Healthcare Holding BV	0 shares
Gilde Healthcare II Sub-Holding BV	0 shares
Gilde Healthcare II Management BV	0 shares
Marc Olivier Perret	0 shares
Edwin de Graaf	0 shares
Martemanshurk BV (100% owned by Pieter van der Meer)	0 shares
(ii) Shared power to vote or to direct the vote:	
Gilde Healthcare Holding BV	1,859,136 shares
Gilde Healthcare II Sub-Holding BV	1,859,136 shares
Gilde Healthcare II Management BV	1,859,136 shares
Marc Olivier Perret	1,859,136 shares
Edwin de Graaf	1,859,136 shares
Martemanshurk BV (100% owned by Pieter van der Meer)	1,859,136 shares
(iii) Sole power to dispose or to direct the disposition of:	
Gilde Healthcare Holding BV	0 shares
Gilde Healthcare II Sub-Holding BV	0 shares
Gilde Healthcare II Management BV	0 shares
Marc Olivier Perret	0 shares
Edwin de Graaf	0 shares
Martemanshurk BV (100% owned by Pieter van der Meer)	0 shares
(iv) Shared power to dispose or to direct the disposition of:	
Gilde Healthcare Holding BV	1,859,136 shares
Gilde Healthcare II Sub-Holding BV	1,859,136 shares
Gilde Healthcare II Management BV	1,859,136 shares
Marc Olivier Perret	1,859,136 shares
Edwin de Graaf	1,859,136 shares
Martemanshurk BV (100% owned by Pieter van der Meer)	1,859,136 shares

**Item 5. Ownership of Five Percent or Less of a Class:**

If this statement is being filed to report the fact that as of the date hereof the reporting person has ceased to be the beneficial owner of more than 5 percent of the class of securities, check the following .

**Item 6. Ownership of More than Five Percent on Behalf of Another Person:**

Not Applicable

**Item 7. Identification and Classification of the Subsidiary Which Acquired the Security Being Reported on By the Parent Holding Company or Control Person:**

Not Applicable

**Item 8. Identification and Classification of Members of the Group:**

**Item 9. Notice of Dissolution of Group:**

Not Applicable

---

**Item 10. Certifications:**

Not Applicable

**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.

Gilde Healthcare Holding BV

By: /s/ / Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

Gilde Healthcare II Sub-Holding BV

By: /s/ / Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

Gilde Healthcare II Management BV

By: /s/ Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

By: /s/ / Marc Olivier Perret  
Name: Marc Olivier Perret

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

February 8, 2016

EXHIBIT INDEX

Exhibit 1      Joint Filing Agreement as required by Rule 13d-1(k)(1) under the Securities Exchange Act of 1934, as amended.

---

## Exhibit 1

## JOINT FILING AGREEMENT PURSUANT TO RULE 13d-1(k)(1)

The undersigned acknowledge and agree that the foregoing statement on Schedule 13G is filed on behalf of each of the undersigned and that all subsequent amendments to this statement on Schedule 13G shall be filed on behalf of each of the undersigned without the necessity of filing additional joint filing statements. The undersigned acknowledge that each shall be responsible for the timely filing of such amendments, and for the completeness and accuracy of the information concerning him, her or it contained herein, but shall not be responsible for the completeness and accuracy of the information concerning the other entities or persons, except to the extent that he, she or it knows or has reason to believe that such information is inaccurate.

Date: February 8, 2016

Gilde Healthcare Holding BV

By: /s/ Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

Gilde Healthcare II Sub-Holding BV

By: /s/ Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

Gilde Healthcare II Management BV

By: /s/ / Marc Olivier Perret  
Name: Marc Olivier Perret  
Title: Managing Partner

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf  
Title: Managing Partner

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner

\*\*\*\*\*

By: /s/ / Marc Olivier Perret  
Name: Marc Olivier Perret

By: /s/ Edwin de Graaf  
Name: Edwin de Graaf

By: /s/ Pieter van der Meer  
Name: Martemanshurk BV  
By: Pieter van der Meer  
Title: Managing Partner