Form 604 **Corporations Act 2001** Section 671B

Notice of change of interests of substantial holder

To Company Name/Scheme O	pthea Limited		
ACN/ARSN 00	06 340 567		
Details of substantial holder (1)			
Name B'	BVF Partners LP on its own behalf and on behalf of BVF Inc. and Mark N. Lampert		
ACN/ARSN (if applicable)			
There was a change in the interests substantial holder on:	of the		
	2	20/08/2019; 27/08/2019	
The previous notice was given to the comp	pany on 1	9/08/2019	
The previous notice was dated		6/08/2019	

2. Previous and present voting power

The previous notice was dated

The total number of votes attached to all the voting shares in the company or voting interests in the scheme that the substantial holder or an associate (2) had a relevant interest (3) in when last required, and when now required, to give a substantial holding notice to the company or scheme, are as follows:

Class of securities (4)	Previous notice		Present notice	
Class of securities (4)	Person's votes	Voting power (5)	Person's votes	Voting power (5)
Fully Paid Ordinary Shares	23,605,918	9.45%	13,105,918	5.25%

3. Changes in relevant interests

Particulars of each change in, or change in the nature of, a relevant interest of the substantial holder or an associate in voting securities of the company or scheme, since the substantial holder was last required to give a substantial holding notice to the company or scheme are as follows:

Date of change	Person whose relevant interest changed	Nature of change (6)	Consideration given in relation to change (7)	Class and number of securities affected	Person's votes affected
20/08/2019	BVF Partners LP, BVF Inc. and Mark N. Lampert, and Biotechnology Value Fund, LP	On Market sale of fully paid ordinary shares	AUD 632,861.55	248,181 fully paid ordinary shares	248,181
20/08/2019	BVF Partners, L.P., BVF Inc. and Mark N. Lampert, and Biotechnology Value Fund II L.P.	On Market sale of fully paid ordinary shares	AUD 513,562.35	201,397 fully paid ordinary shares	201,397
	BVF Partners, L.P., BVF Inc. and Mark N. Lampert, BVF Partners OS, Ltd., and Biotechnology Value Trading Fund OS, L.P.	On Market sale of fully paid ordinary shares	AUD 93,610.50	36,710 fully paid ordinary shares	36,710
	BVF Partners LP, BVF Inc. and Mark N. Lampert, and MSI BVF SPV, LLC	On Market sale of fully paid ordinary shares	AUD 34,965.60	13,712 fully paid ordinary shares	13,712
27/08/2019	BVF Partners LP, BVF Inc. and Mark N. Lampert, and Biotechnology Value Fund, LP	On Market sale of fully paid ordinary shares	AUD 13,347,028.80	4,943,344 fully paid ordinary shares	4,943,344

27/08/2019	BVF Partners, L.P., BVF Inc. and Mark N. Lampert, and Biotechnology Value Fund II L.P.	On Market sale of fully paid ordinary shares	AUD 10,856,916.00	4,021,080 fully paid ordinary shares	4,021,080
27/08/2019	BVF Partners, L.P., BVF Inc. and Mark N. Lampert, BVF Partners OS, Ltd., and Biotechnology Value Trading Fund OS, L.P.	On Market sale of fully paid ordinary shares	AUD 1,932,519.60	715,748 fully paid ordinary shares	715,748
27/08/2019		On Market sale of fully paid ordinary shares	AUD 863,535.60	319,828 fully paid ordinary shares	319,828

4. Present relevant interests

Particulars of each relevant interest of the substantial holder in voting securities after the change are as follows:

h relevant intere	st of the substantial holder		after the change are as follo	ws:	
Holder of relevant interest	Registered holder of securities	Person entitled to be registered as holder (8)	Nature of relevant interest (6)	Class and number of securities	Person's votes
BVF Partners, L.P.	HSBC Custody Nominees (Australia) Limited and BNP Paribas Nominees Pty Ltd	Biotechnology Value Fund, L.P, Biotechnology Value Fund II, L.P, Biotechnology Value Trading Fund OS, L.P., MSI BVF SPV, LLC, as per their relevant interests below.	Relevant interest arises under section 608(1)(b) of the Corporations Act 2001 (Cth) (Corporations Act) by virtue of BVF Partners, L.P. (i) acting as general partner of, and/or (ii) acting as investment manager of, respectively, the registered holders of the securities, whereby it holds the authority to cast votes in respect of the securities.	13,105,918 fully paid ordinary shares	13,105,918
BVF Inc. and Mark N. Lampert	HSBC Custody Nominees (Australia) Limited and BNP Paribas Nominees Pty Ltd	Biotechnology Value Fund, L.P, Biotechnology Value Fund II, L.P, Biotechnology Value Trading Fund OS, L.P., MSI BVF SPV, LLC, as per their relevant interests below.	Relevant interest arises under section 608(3)(b) of the Corporations Act as each of BVF Inc. and Mark N. Lampert controls BVF Partners, L.P.	13,105,918 fully paid ordinary shares	13,105,918
BVF Partners OS Ltd.	HSBC Custody Nominees (Australia) Limited	Biotechnology Value Trading Fund OS, L.P.	Relevant interest arises under section 608(1)(b) of the Corporations Act by virtue of BVF Partners OS, Ltd. acting as general partner of Biotechnology Value Trading Fund OS, L.P., a registered holder of securities, whereby it holds the authority to cast votes in respect to the securities.	940,439 fully paid ordinary shares	940,439
Biotechnology Value Trading Fund OS, L.P.	HSBC Custody Nominees (Australia) Limited	Biotechnology Value Trading Fund OS, L.P.	Relevant interest arises under section 608(1) of the Corporations Act as beneficial owner of the securities	940,439 fully paid ordinary shares	940,439
Biotechnology Value Fund, L.P.	HSBC Custody Nominees (Australia) Limited	Biotechnology Value Fund, L.P.	Relevant interest arises under section 608(1) of the Corporations Act as beneficial owner of the securities	6,476,972 fully paid ordinary shares	6,476,972
Biotechnology Value Fund II, L.P.	HSBC Custody Nominees (Australia) Limited	Biotechnology Value Fund II, L.P.	Relevant interest arises under section 608(1) of the Corporations Act as beneficial owner of the securities	5,266,877 fully paid ordinary shares	5,266,877

MSI BVF SPV, LLC	BNP Paribas Nominees Pty Ltd	LLC	Relevant interest arises under section 608(1) of the Corporations Act as beneficial owner of the	421,630 fully paid ordinary shares	421,630	
			securities			

5. Changes in association

The persons who have become associates (2) of, ceased to be associates of, or have changed the nature of their association (9) with, the substantial holder in relation to voting interests in the company or scheme are as follows:

Name and ACN/ARSN (if applicable)		Nature of association	
Not applicable		Not applicable	

6. Addresses

The addresses of persons named in this form are as follows:

Name	Address
Biotechnology Value Fund II. L.P.	44 Montgomery, 40 th Floor San Francisco, California 94104 United States of America
Biotechnology Value Trading Fund OS,	PO Box 309 Ugland House Grand Cayman, KY1-1104 Cavman Islands
MSI BVF SPV, LLC	c/o Magnitude Capital, L.L.C. 601 Lexington Avenue, 59 th Floor New York, NY 10022
Mark N. Lampert	c/o BVF Inc 44 Montgomery, 40 th Floor San Francisco, California 94104 United States of America

Signature

BVF Partners LP BY BVF Inc., its general partner, BY Mark N. Lampert, print name President Capacity Attorney-in-Fact for the Substantial Holders

sign here MM J

date 29/08/2019