

FORM 1 The Patents Act 1970 (39 of 1970) & The Patent Rules, 2003 (As Amended) APPLICATION FOR GRANT OF PATENT (See section 7, 54 & 135 and rule 20(1))		(FOR OFFICE USE ONLY) Application No: Filing Date: Amount of Fee Paid: CBR No: Signature:	
1. APPLICANT'S REFERENCE /IDENTIFICATION NO. (AS ALLOTTED BY OFFICE)			
2. TYPE OF APPLICATION [Please tick (✓) at the appropriate category]			
Ordinary ()		Convention ()	PCT-NP (✓)
Divisional () Patent of Addition ()		Divisional () Patent of Addition ()	Divisional () Patent of Addition ()
3A. APPLICANT(S)			
Name		Nationality	Country of Residence
IONIS PHARMACEUTICALS, INC.		USA	USA
Address			
2855 Gazelle Court, Carlsbad, CA 92010, USA			
3B. CATEGORY OF APPLICANT [Please tick (✓) at the appropriate category]			
Natural Person ()		Other than Natural Person	
		Small Entity () Startup () Others (✓)	
4. INVENTOR(S) [Please tick (✓) at the appropriate category]			
Are all the inventor(s) same as the applicant(s) named above?		Yes (<input type="checkbox"/>) No (<input checked="" type="checkbox"/>)	
If "No", furnish the details of the inventor(s)			
5. TITLE OF THE INVENTION			
"MODULATING APOLIPOPROTEIN (a) EXPRESSION"			
6. AUTHORISED REGISTERED PATENT AGENT(S)			
Name and IN/PA No.		Archana Shanker (149); Rajiv Bhatnagar (521); Saibal Ghosh (524); Amita Arora (663); Neeti Wilson (1008); Vidisha Garg (1016); Nupur Maithani (1304); Ritika Ahuja (1314); Arpita Kulshrestha (1446); Rakhee Sharma (1518); Gitika Suri (1788); Sandeep Kumar Bhola (1922)	
Mobile No.		+91 9717990240	
7. ADDRESS FOR CORRESPONDENCE OF APPLICANT/AUTHORIZED PATENT AGENT IN INDIA			
Name / Address		Phone No. / Fax No. / Email	

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8. PRIORITY PARTICULARS OF THE APPLICATION(S) FILED IN CONVENTION COUNTRY :

Country	Application No.	Filing Date	Name of the Applicant	Title of the Invention	IPC (as classified in the convention country)
USA	62/252,392	06/11/2015	ISIS PHARMACEUTICALS, INC.	MODULATING APOLIPOPROTEIN (a) EXPRESSION	

9. PARTICULARS FOR FILING PATENT COOPERATION TREATY (PCT) NATIONAL PHASE APPLICATION :

International Application no.	International filing date as allotted by the receiving office.
PCT/US2016/060816	07 November 2016

10. PARTICULARS FOR FILING DIVISIONAL APPLICATION :

Original (first) application no.	Date of filing of Original (first) application
NIL	NIL

11. PARTICULARS FOR FILING PATENT OF ADDITION :

Main application/patent no.	Date of filing of main application
NIL	NIL

12. DECLARATIONS :

(i) Declaration by the Inventor(s)

(In case the applicant is an assignee: the inventor(s) may sign herein below or the applicant may upload the assignment or enclose the assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period).

I/We, the above named inventor(s) is/are the true & first inventor(s) for this invention and declare that the applicant(s) herein is/are my/our assignee or legal representative.

 VINEY, Nicholas, J.
 Filing Date: 31st May 2018

 GEARY, Richard, S.
 Filing Date: 31st May 2018

 WANG, Yanfeng
 Filing Date: 31st May 2018

 YU, Zhengrong
 Filing Date: 31st May 2018

GUNAWAN, Rudy
Filing Date: 31st May 2018

(ii) Declaration by the applicant(s) in the convention country

(In case the applicant in India is different than the applicant in the convention country: the applicant in the convention country may sign herein below or applicant in India may upload the assignment from the applicant in the convention country or enclose the said assignment with this application for patent or send the assignment by post/electronic transmission duly authenticated within the prescribed period)

I/We, the applicant(s) in the convention country declare that the applicant(s) herein is/are my/our assignee or legal representative.

- (a) Date
- (b) Signature(s)
- (c) Name(s) of the signatory

(iii) Declaration by the applicant(s):

I/We, the applicant(s) hereby declare(s) that:-

- I/We the applicant(s) hereby declare(s) that: -
- I am/ We are in possession of the above-mentioned invention.
- The complete specification relating to the invention is filed with this application.
- ~~The invention as disclosed in the specification uses the biological material from India and the necessary permission from the competent authority shall be submitted by me/us before the grant of patent to me/us.~~
- There is no lawful ground of objection(s) to the grant of the Patent to me/us.
- I am/we are the true & first inventor(s).
- I am/we are the assignee or legal representative of true & first inventor(s).
- The application or each of the applications, particulars of which are given in Paragraph-8, was the first application in convention country/countries in respect of my/our invention(s).
- I/We claim the priority from the above mentioned application(s) filed in convention country/countries and state that no application for protection in respect of the invention had been made in a convention country before that date by me/us or by any person from which I/We derive the title.
- My/our application in India is based on international application under Patent Cooperation Treaty (PCT) as mentioned in Paragraph-9.
- ~~The application is divided out of my /our application particulars of which is given in Paragraph-10 and pray that this application may be treated as deemed to have been filed on DD/MM/YYYY under section 16 of the Act.~~
- ~~The said invention is an improvement in or modification of the invention particulars of which are given in Paragraph-11.~~

13. Following are the attachments with the application:

(a) Form 2

Item	Details	Fee	Remark
Priority			
Complete Specification			
No. of Claim(s)			
Abstract			
No. of Drawing(s)			
Sequence Listing			

	Total Fees		
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In case of a complete specification, if the applicant desires to adopt the drawings filed with his provisional specification as the drawings or part of the drawings for the complete specification under rule 13(4), the number of such pages filed with the provisional specification are required to be mentioned here.

(b) Complete specification (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(c) Sequence listing in electronic form

(d) Drawings (in conformation with the international application)/as amended before the International Preliminary Examination Authority (IPEA), as applicable (2 copies).

(e) Priority document(s) or a request to retrieve the priority document(s) from DAS (Digital Access Service) if the applicant had already requested the office of first filing to make the priority document(s) available to DAS.

(f) Translation of priority document/Specification/International Search Report/International Preliminary Report on Patentability.

(g) Statement and Undertaking on Form 3

(h) Declaration of Inventorship on Form 5

(i) Power of Authority

Total Fee Rs..... in Cash/Cheque/Bank Draft bearing no..... Date
.....on.....Bank.

I/We hereby declare that to the best of my/our knowledge, information and belief the fact and matters stated herein are correct and I/We request that a patent may be granted to me/us for the said invention.

Dated this 31st day of May 2018



(Saibal Ghosh)
of Anand and Anand Advocates
Agents for the Applicant
Patent Agent: IN/PA-524

To,
The Controller of Patents
The Patent Office, Chennai