

INITIAL STATEMENT OF BENEFICIAL OWNERSHIP OF SECURITIES

OMB APPROVAL	
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Filed pursuant to Section 16(a) of the Securities Exchange Act of 1934 or Section 30(h) of the Investment Company Act of 1940

1. Name and Address of Reporting Person* <u>Merck &amp; Co., Inc.</u>  (Last) (First) (Middle) 2000 GALLOPING HILL ROAD  (Street) KENILWORTH NJ 07033  (City) (State) (Zip)	2. Date of Event Requiring Statement (Month/Day/Year) 07/14/2015	3. Issuer Name and Ticker or Trading Symbol <u>OPGEN INC [ OPGN ]</u>	
		4. Relationship of Reporting Person(s) to Issuer (Check all applicable)  Director <input checked="" type="checkbox"/> 10% Owner  Officer (give title below) Other (specify below)	5. If Amendment, Date of Original Filed (Month/Day/Year)  6. Individual or Joint/Group Filing (Check Applicable Line)  <input checked="" type="checkbox"/> Form filed by More than One Reporting Person

Table I - Non-Derivative Securities Beneficially Owned

1. Title of Security (Instr. 4)	2. Amount of Securities Beneficially Owned (Instr. 4)	3. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	4. Nature of Indirect Beneficial Ownership (Instr. 5)
Common Stock	1,479,022	I	See Footnote <sup>(1)</sup>

Table II - Derivative Securities Beneficially Owned (e.g., puts, calls, warrants, options, convertible securities)

1. Title of Derivative Security (Instr. 4)	2. Date Exercisable and Expiration Date (Month/Day/Year)		3. Title and Amount of Securities Underlying Derivative Security (Instr. 4)		4. Conversion or Exercise Price of Derivative Security	5. Ownership Form: Direct (D) or Indirect (I) (Instr. 5)	6. Nature of Indirect Beneficial Ownership (Instr. 5)
	Date Exercisable	Expiration Date	Title	Amount or Number of Shares			

1. Name and Address of Reporting Person\*  
Merck & Co., Inc.  
 (Last) (First) (Middle)  
 2000 GALLOPING HILL ROAD  
 (Street)  
 KENILWORTH NJ 07033  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
Merck Sharp & Dohme Corp.  
 (Last) (First) (Middle)  
 ONE MERCK DRIVE  
 (Street)  
 WHITEHOUSE STATION NJ 08889  
 (City) (State) (Zip)

1. Name and Address of Reporting Person\*  
Merck Global Health Innovation Fund, LLC  
 (Last) (First) (Middle)  
 ONE MERCK DRIVE  
 (Street)  
 WHITEHOUSE STATION NJ 08889  
 (City) (State) (Zip)



POWER OF ATTORNEY

KNOW ALL PERSONS BY THESE PRESENTS, that the undersigned, hereby constitute and appoint Katie E. Fedosz and Jon Filderman, and each of them, true and lawful attorneys-in-fact and agents of the undersigned, with full power of substitution and resubstitution for the undersigned and in its name, place and stead, to sign any Schedules 13D, reports on Form 3 (Initial Statement of Beneficial Ownership of Securities), Form 4 (Statement of Changes in Beneficial Ownership of Securities) and Form 5 (Annual Statement of Beneficial Ownership of Securities) relating to holdings of and transactions by the undersigned in securities of OpGen, Inc. and all amendments thereto, and to file the same, together with this power of attorney, with the Securities and Exchange Commission and the appropriate securities exchange, granting unto said attorneys-in-fact and agents, and each of them, or their substitutes, full power and authority to do and perform each and every act and thing requisite or necessary to be done in and about the premises, as fully to all intents and purposes as the undersigned might or could do in person, hereby ratifying and confirming all that said attorneys-in-fact and agents, and each of them, or their substitutes, may lawfully do or cause to be done by virtue hereof. This Power of Attorney shall be effective until such time as the undersigned delivers a written revocation thereof to the above-named attorneys-in-fact and agents.

Dated: this 23rd day of July, 2015.

MERCK GLOBAL HEALTH  
INNOVATION FUND, LLC

By: /s/ William J. Taranto  
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Name: William J. Taranto  
Title: Manager / President

MERCK SHARP & DOHME CORP.

By: /s/ Katie E. Fedosz  
-----  
Name: Katie E. Fedosz  
Title: Assistant Secretary

MERCK & CO., INC.

By: /s/ Katie E. Fedosz  
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Name: Katie E. Fedosz  
Title: Senior Assistant Secretary