

**POWER OF ATTORNEY FOR PROCEEDINGS  
BEFORE THE PATENT TRIAL AND APPEAL BOARD**

Pursuant to 37 C.F.R. § 42.10(b), Patent Owner Celgene Corporation hereby appoints attorneys associated with Celgene Corporation, Jones Day, and Quinn Emanuel Urquhart & Sullivan LLP to defend and represent the patent owner identified below in proceedings before the Patent Trial and Appeal Board, including in Case No. IPR2018-01504.

These attorneys include at least:

J. Patrick Elsevier, Ph.D.	Reg. No. 44,668
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Name and Address of Patent Owner:

Celgene Corporation  
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**SIGNATURE**

The individual whose signature and title is supplied below is authorized to act on behalf of  
Celgene Corporation

Signature	/J. Patrick Elsevier/	Date: 08/22/2018
Name	J. Patrick Elsevier, Ph. D.	Telephone Number: 908-673-9000
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