

**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, Quinn Emanuel Urquhart & Sullivan LLP, and Jones Day to defend and represent the patent owner identified below in proceedings before the Patent Trial and Appeal Board, including in Case No. IPR2018-00685.

These attorneys include at least:

J. Patrick Elsevier, Ph.D.	Reg. No. 44,668
F. Dominic Cerrito	Reg. No. 38,100
Andrew S. Chalson	pro hac vice
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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: 03/16/2018
Name	J. Patrick Elsevier, Ph.D.	Telephone Number: 908-673-9000
Title	VP of Litigation, Celgene Corporation	