

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

I hereby appoint:

J. Patrick Elsevier, Ph.D.	Reg. No. 44,668
Francis Dominic Cerrito	Reg. No. 38,100
Andrew S. Chalson	pro hac vice
Frank C. Calvosa	Reg. No. 69,064
Anthony M. Insogna	Reg. No. 35,203
Christopher J. Harnett	Reg. No. 35,538
Cary Miller, Ph.D.	Reg. No. 54,708
Matthew J. Hertko	pro hac vice

as attorneys to defend and represent the patent owner identified below in proceedings before the Patent Trial and Appeal Board, including in Case No. IPR2018-01714

Name and Address of Real Party In Interest:

Celgene Corporation
86 Morris Avenue
Summit, NJ 07901

SIGNATURE CELGENE CORPORATION

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

Signature	/J. Patrick Elsevier/	Date: 10/03/2018
Name	J. Patrick Elsevier, Ph.D.	Telephone Number: 908-673-9000
Title	VP Litigation, Celgene Corporation	