

UNITED STATES PATENT AND TRADEMARK OFFICE

BEFORE THE PATENT TRIAL AND APPEAL BOARD

MODERNA THERAPEUTICS, INC.,
Petitioner,

v.


ARBUTUS BIOPHARMA CORPORATION,
Patent Owner.

Case IPR2019-00554
Patent No. 8,058,069

**ARBUTUS BIOPHARMA CORPORATION'S
POWER OF ATTORNEY**

Pursuant to 37 C.F.R. § 42.10(b), Arbutus Biopharma Corporation hereby appoints the practitioners associated with Wilson Sonsini Goodrich & Rosati, Customer Number 21971, including the following lead and back-up counsels, as its attorneys to transact all business in the United States Patent & Trademark Office associated with a petition for *inter partes* review of U.S. Patent No. 8,058,069:

Lead Counsel	Back-Up Counsel
<p>Michael T. Rosato USPTO Reg. No. 52,182 WILSON SONSINI GOODRICH & ROSATI 701 Fifth Avenue, Suite 5100 Seattle, WA 98104-7036 Tel.: 206-883-2529 Fax: 206-883-2699 Email: mrosato@wsgr.com</p>	<p>Steven W. Parmelee USPTO Reg. No. 31,990 WILSON SONSINI GOODRICH & ROSATI 701 Fifth Avenue, Suite 5100 Seattle, WA 98104-7036 Tel.: 206-883-2542 Fax: 206-883-2699 Email: sparmelee@wsgr.com</p>
	<p>Sonja R. Gerrard USPTO Reg. No. 72,802 WILSON SONSINI GOODRICH & ROSATI 701 Fifth Avenue, Suite 5100 Seattle, WA 98104-7036 Tel.: 206-883-2649 Fax: 206-883-2699 Email: sgerrard@wsgr.com</p>

By: 
 For: Arbutus Biopharma Corporation
 Name: Elizabeth Howard, Ph.D., J.D.
 Title: Executive Vice President and General Counsel,
 Arbutus Biopharma Corporation

Date: January 30, 2019