

Accepted Manuscript

Sarcoidosis-like reactions induced by checkpoint inhibitors

Ioannis Gkiozos, MD, PhD, Alexandra Kopitopoulou, MD, Alexandros Kalkanis, MD, PhD, Vamvakaris N. Ioannis, MD, Marc A. Judson, MD, Kostas N. Syrigos, MD, PhD

PII: S1556-0864(18)30593-8

DOI: [10.1016/j.jtho.2018.04.031](https://doi.org/10.1016/j.jtho.2018.04.031)

Reference: JTHO 963

To appear in: *Journal of Thoracic Oncology*

Received Date: 22 January 2018

Revised Date: 29 April 2018

Accepted Date: 30 April 2018

Please cite this article as: Gkiozos I, Kopitopoulou A, Kalkanis A, Ioannis VN, Judson MA, Syrigos KN, Sarcoidosis-like reactions induced by checkpoint inhibitors, *Journal of Thoracic Oncology* (2018), doi: 10.1016/j.jtho.2018.04.031.

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

Sarcoidosis-like reactions induced by checkpoint inhibitors.

Ioannis Gkiozos, MD, PhD¹

Alexandra Kopitopoulou, MD¹

Alexandros Kalkanis, MD, PhD²

Vamvakaris N Ioannis, MD³

Marc A Judson, MD⁴

Kostas N Syrigos, MD, PhD¹

1: 3rd Department Of Medicine, Athens Medical School, National & Kapodistrian University Of Athens.

2: Division of Pulmonary and Critical Care Medicine, 401 Military and VA Hospital, Athens, Greece

3: A' Pathology Department, Athens Medical School, National & Kapodistrian University Of Athens

4: Division of Pulmonary and Critical Care Medicine, Albany Medical College, Albany, NY, USA

Corresponding author: Ioannis Gkiozos, MD, PhD. 3rd Department Of Medicine, Athens Medical School, National & Kapodistrian University Of Athens. yiannisgk@hotmail.com

Download English Version:

<https://daneshyari.com/en/article/8787527>

Download Persian Version:

<https://daneshyari.com/article/8787527>

[Daneshyari.com](https://daneshyari.com)