Accepted Manuscript

Molecular and Immune Biomarker Testing in Squamous-Cell Lung Cancer: Impact of Current and Future Therapies and Technologies

Fred R. Hirsch, Keith M. Kerr, Paul A. Bunn, Jr., Edward S. Kim, Coleman Obasaju, Maurice Pérol, Philip Bonomi, Jeffrey D. Bradley, David Gandara, James R. Jett, Corey J. Langer, Ronald B. Natale, ilvia Novello, Luis Paz-Ares, Suresh S. Ramalingam, Martin Reck, Craig H. Reynolds, Egbert F. Smit, Mark A. Socinski, David R. Spigel, Thomas E. Stinchcombe, Johan F. Vansteenkiste, Heather Wakelee, Nick Thatcher

PII: S1525-7304(18)30056-1

DOI: 10.1016/j.cllc.2018.03.014

Reference: CLLC 766

To appear in: Clinical Lung Cancer

Received Date: 3 January 2018
Revised Date: 12 March 2018
Accepted Date: 13 March 2018

Please cite this article as: Hirsch FR, Kerr KM, Bunn Jr. PA, Kim ES, Obasaju C, Pérol M, Bonomi P, Bradley JD, Gandara D, Jett JR, Langer CJ, Natale RB, ilvia Novello Paz-Ares L, Ramalingam SS, Reck M, Reynolds CH, Smit EF, Socinski MA, Spigel DR, Stinchcombe TE, Vansteenkiste JF, Wakelee H, Thatcher N, Molecular and Immune Biomarker Testing in Squamous-Cell Lung Cancer: Impact of Current and Future Therapies and Technologies, *Clinical Lung Cancer* (2018), doi: 10.1016/j.cllc.2018.03.014.

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.



ACCEPTED MANUSCRIPT

Molecular and Immune Biomarker Testing in Squamous-Cell Lung Cancer: Impact of Current and Future Therapies and Technologies

Fred R. Hirsch, Keith M. Kerr, Paul A. Bunn, Jr., Edward S. Kim, Coleman Obasaju, Maurice Pérol, Philip Bonomi, Jeffrey D. Bradley, David Gandara, James R. Jett, Corey J. Langer, ¹⁰ Ronald B. Natale, ¹¹ Silvia Novello, ¹² Luis Paz-Ares, ¹³ Suresh S. Ramalingam, ¹⁴ Martin Reck. 15 Craig H. Revnolds. 16 Egbert F. Smit. 17 Mark A. Socinski. 18 David R. Spigel. 19 Thomas E. Stinchcombe, ²⁰ Johan F. Vansteenkiste, ²¹ Heather Wakelee, ²² Nick Thatcher ²³ ¹Division of Medical Oncology, University of Colorado Cancer Center, Aurora, CO; ²Department of Pathology, University of Aberdeen School of Medicine and Aberdeen Royal Infirmary, Aberdeen, Scotland; ³Levine Cancer Institute, Atrium Health, Charlotte, NC; ⁴Eli Lilly and Company, Indianapolis, IN; ⁵Department of Medical Oncology, Centre Léon Bérard, Lyon, France; ⁶Rush University Medical Center, Chicago, IL; ⁷Department of Radiation Oncology, Washington University School of Medicine, St. Louis, MO; ⁸Department of Hematology and Oncology, UC Davis Comprehensive Cancer Center, Sacramento, CA; ⁹Retired, formerly of National Jewish Health, Denver, CO: ¹⁰Department of Thoracic Oncology, University of Pennsylvania Abramson Cancer Center, Philadelphia, PA; ¹¹Cedars-Sinai Comprehensive Cancer Center, West Hollywood, CA: ¹²Department of Oncology, University of Turin, Turin, Italy; ¹³Hospital Universitario Doce de Octubre, Universidad Complutense, CIBERONC and CNIO, Madrid, Spain; ¹⁴Department of Hematology and Medical Oncology, Winship Cancer Institute of Emory University, Atlanta, GA; 15 Lung Clinic Grosshansdorf, Airway Research Center North (ARCN), Member of the German Center for Lung Research (DZL), Grosshansdorf, Germany; ¹⁶Florida Cancer Specialists, Ocala, FL; ¹⁷Department of Pulmonary Diseases, VU University Medical Center, Amsterdam, The Netherlands; ¹⁸Florida Hospital Cancer Institute, Orlando, FL; ¹⁹Sarah Cannon Research

Download English Version:

https://daneshyari.com/en/article/8614344

Download Persian Version:

https://daneshyari.com/article/8614344

<u>Daneshyari.com</u>