Accepted Manuscript

Title: Crizotinib treatment for patients with EGFR mutation positive NSCLC that acquire cMET amplification after EGFR TKI therapy results in short-lived and heterogeneous responses

Authors: Bianca van Veggel, Adrianus J. de Langen, Sayed Hashemi, Kim Monkhorst, Efraim H. Rosenberg, Daniëlle A.M. Heideman, Teodora Radonic, Egbert F. Smit

PII: S0169-5002(18)30493-8

DOI: https://doi.org/10.1016/j.lungcan.2018.07.030

Reference: LUNG 5730

To appear in: Lung Cancer

Received date: 11-5-2018 Revised date: 5-7-2018 Accepted date: 20-7-2018

Please cite this article as: van Veggel B, de Langen AJ, Hashemi S, Monkhorst K, Rosenberg EH, Heideman DAM, Radonic T, Smit EF, Crizotinib treatment for patients with EGFR mutation positive NSCLC that acquire cMET amplification after EGFR TKI therapy results in short-lived and heterogeneous responses, *Lung Cancer* (2018), https://doi.org/10.1016/j.lungcan.2018.07.030

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

Crizotinib treatment for patients with EGFR mutation positive NSCLC that acquire cMET amplification after EGFR TKI therapy results in short-lived and heterogeneous responses

Authors list

Bianca van Veggel^a; Adrianus J. de Langen^a; Sayed Hashemi^b; Kim Monkhorst^c; Efraim H. Rosenberg ^c; Daniëlle A.M. Heideman^d; Teodora Radonic^d; Egbert F. Smit^{a,b}

^aDept of Thoracic Oncology, Netherlands Cancer Institute-Antoni van Leeuwenhoek Hospital, Plesmanlaan 121, 1066 CX, Amsterdam, The Netherlands

^bDept of Pulmonary Diseases, VU University Medical Center, De Boelelaan 1117, 1081 HV, Amsterdam, The Netherlands

^cDept of Pathology, Netherlands Cancer Institute-Antoni van Leeuwenhoek Hospital, Plesmanlaan 121, 1066 CX, The Netherlands

^dCancer Center Amsterdam, Dept of Pathology, VU University Medical Center, De Boelelaan 1117, 1081 HV, Amsterdam, The Netherlands

Corresponding author

Bianca van Veggel, Dept of Thoracic Oncology, Netherlands Cancer Institute - Antoni van Leeuwenhoek Hospital, Plesmanlaan 121, 1066 CX, Amsterdam, The Netherlands, tel: +31-20-5122958, b.v.veggel@nki.nl

Highlights

- Crizotinib treatment results in short-lasting responses.
- Heterogeneous responses, possibly due to subclonality of cMET driven resistance.
- Poor prognosis after cMET amplification as acquired resistance mechanism.

Abstract

Purpose

Download English Version:

https://daneshyari.com/en/article/8453579

Download Persian Version:

https://daneshyari.com/article/8453579

Daneshyari.com