

## Accepted Manuscript

The manifolded dynamics of HIV-1 transmission in Northern Alberta: A combined analysis of virus genetic and public health data

B. Vrancken, D. Adachi, M. Benedet, A. Singh, R. Read, S. Shafran, G.D. Taylor, S. Houston, K. Simmonds, S. Plitt, C. Sikora, P. Lemey, C.L. Charlton, J.W. Tang



PII: S1567-1348(17)30118-1  
DOI: doi: [10.1016/j.meegid.2017.04.005](https://doi.org/10.1016/j.meegid.2017.04.005)  
Reference: MEEGID 3115

To appear in: *Infection, Genetics and Evolution*

Received date: 18 October 2016  
Revised date: 30 March 2017  
Accepted date: 5 April 2017

Please cite this article as: B. Vrancken, D. Adachi, M. Benedet, A. Singh, R. Read, S. Shafran, G.D. Taylor, S. Houston, K. Simmonds, S. Plitt, C. Sikora, P. Lemey, C.L. Charlton, J.W. Tang, The manifolded dynamics of HIV-1 transmission in Northern Alberta: A combined analysis of virus genetic and public health data. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Meegid(2016), doi: [10.1016/j.meegid.2017.04.005](https://doi.org/10.1016/j.meegid.2017.04.005)

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.

**The manyfolded dynamics of HIV-1 transmission in Northern Alberta: a combined analysis of virus genetic and public health data.**

B Vrancken <sup>1,\*</sup>, D Adachi <sup>2</sup>, M Benedet <sup>2</sup>, A Singh <sup>3</sup>, R Read <sup>4</sup>, S Shafran <sup>3</sup>, GD Taylor <sup>3</sup>, S Houston <sup>3</sup>, K Simmonds <sup>5</sup>, C Sikora <sup>6</sup>, P Lemey <sup>1</sup>, CL Charlton <sup>2,7</sup> J JW Tang <sup>2,8,\*</sup>

<sup>1</sup>Katholieke Universiteit (KU) Leuven–University of Leuven, Department of Microbiology and Immunology, Rega Institute for Medical Research, Clinical and Epidemiological Virology, 3000 Leuven, Belgium

<sup>2</sup>Alberta Provincial Laboratory for Public Health, Edmonton, Canada

<sup>3</sup>Department of Medicine, University of Alberta, Edmonton, Canada

<sup>4</sup>Department of Medicine, University of Calgary, Calgary, Canada

<sup>5</sup>Infectious Disease Epidemiology, Government of Alberta, Edmonton, Canada

<sup>6</sup>Medical Officer of Health, Alberta Health Services, Edmonton, Canada

<sup>7</sup>Department of Laboratory Medicine and Pathology, University of Alberta, Edmonton, Canada

<sup>8</sup>Department of Medical Microbiology and Immunology, University of Alberta, Edmonton, Canada

\*Corresponding authors:

Dr Julian W Tang

Clinical Microbiology

University Hospitals of Leicester NHS Trust

Level 5 Sandringham Building

Leicester Royal Infirmary, Infirmary Square

Leicester LE1 5WW, UK

Tel: 0116 258 6516. Fax: 0116 255 1949

Download English Version:

<https://daneshyari.com/en/article/5590596>

Download Persian Version:

<https://daneshyari.com/article/5590596>

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