

## Accepted Manuscript

The role of d-allo-isoleucine in the deposition of the anti-Leishmania peptide bombinin H4 as revealed by <sup>31</sup>P solid-state NMR, VCD spectroscopy, and MD simulation

Batsaikhan Mijiddorj, Shiho Kaneda, Hisako Sato, Yuki Kitahashi, Namsrai Javkhlantugs, Akira Naito, Kazuyoshi Ueda, Izuru Kawamura



PII: S1570-9639(18)30006-2

DOI: <https://doi.org/10.1016/j.bbapap.2018.01.005>

Reference: BBAPAP 40059

To appear in:

Received date: 26 October 2017

Revised date: 2 January 2018

Accepted date: 8 January 2018

Please cite this article as: Batsaikhan Mijiddorj, Shiho Kaneda, Hisako Sato, Yuki Kitahashi, Namsrai Javkhlantugs, Akira Naito, Kazuyoshi Ueda, Izuru Kawamura, The role of d-allo-isoleucine in the deposition of the anti-Leishmania peptide bombinin H4 as revealed by <sup>31</sup>P solid-state NMR, VCD spectroscopy, and MD simulation. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. Bbapap(2018), <https://doi.org/10.1016/j.bbapap.2018.01.005>

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 role of D-*allo*-isoleucine in the deposition of  
the anti-*Leishmania* peptide bombinin H4 as revealed by  
 $^{31}\text{P}$  solid-state NMR, VCD spectroscopy, and MD  
simulation

Batsaikhan Mijiddorj<sup>a,b</sup>, Shiho Kaneda<sup>a</sup>, Hisako Sato<sup>c</sup>, Yuki Kitahashi<sup>a</sup>, Namsrai  
Javkhlantugs<sup>b</sup>, Akira Naito<sup>a</sup>, Kazuyoshi Ueda<sup>a,\*</sup>, Izuru Kawamura<sup>a,\*</sup>

<sup>a</sup> Graduate School of Engineering, Yokohama National University, Yokohama,  
Japan,

<sup>b</sup> School of Engineering and Applied Sciences, National University of Mongolia,  
Ulaanbaatar, Mongolia,

<sup>c</sup> Graduate School of Science and Engineering, Ehime University, Matsuyama,  
Japan.

\*Corresponding author:

Izuru Kawamura, izuruk@ynu.ac.jp

Kazuyoshi Ueda, ueda-kazuyoshi-cz@ynu.ac.jp

Download English Version:

<https://daneshyari.com/en/article/7560172>

Download Persian Version:

<https://daneshyari.com/article/7560172>

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