

Accepted Manuscript

Polyglutamine aggregates impair lipid membrane integrity and enhance lipid membrane rigidity

Chian Sing Ho, Nawal K. Khadka, Fengyu She, Jianfeng Cai, Jianjun Pan

PII: S0005-2736(16)30015-3
DOI: doi: [10.1016/j.bbamem.2016.01.016](https://doi.org/10.1016/j.bbamem.2016.01.016)
Reference: BBAMEM 82110

To appear in: *BBA - Biomembranes*

Received date: 30 October 2015
Revised date: 8 January 2016
Accepted date: 20 January 2016



Please cite this article as: Chian Sing Ho, Nawal K. Khadka, Fengyu She, Jianfeng Cai, Jianjun Pan, Polyglutamine aggregates impair lipid membrane integrity and enhance lipid membrane rigidity, *BBA - Biomembranes* (2016), doi: [10.1016/j.bbamem.2016.01.016](https://doi.org/10.1016/j.bbamem.2016.01.016)

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.

**Polyglutamine Aggregates Impair Lipid Membrane Integrity
and Enhance Lipid Membrane Rigidity**

Chian Sing Ho¹, Nawal K. Khadka¹, Fengyu She², Jianfeng Cai², and Jianjun Pan^{1*}

¹Department of Physics, University of South Florida, Tampa, FL 33620

²Department of Chemistry, University of South Florida, Tampa, FL 33620

*To whom correspondence should be addressed:

Jianjun Pan, Ph.D.
E-mail: panj@usf.edu

Keywords: polyglutamine, amyloid, oligomer, lipid bilayer, solution AFM, fluorescence microscopy

Download English Version:

<https://daneshyari.com/en/article/10796465>

Download Persian Version:

<https://daneshyari.com/article/10796465>

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