



I i n r i i C o m i  
i n i i C i n C C i  
n n i m i C m i i n C i n i C  
C i 11.

## Discussion

n i i n i i m - n i i  
n n m i n C i C o n i m C o i n  
i n m i n i m C C o n m n i  
i n i i n m i i n i n C n o C i  
C o n n i n n i o n H o , 2 i m i o n  
n C C n o i C o i r o  
i m C o i n , n n i o n m o n  
m n i m C o i n . n n  
C m n n i n i o n i n i o n m o  
i m 12.

n i n i m i o n i i i i m  
C o i n m m C i i n i i n  
i i i i m i i i i n i i i  
i n i n n n C i n m r  
n i i i n C o n i n n n i  
i i i i n C C o i n i n i n  
m i i n i n n n m C i o n n  
i n n n i i i n C C  
i n i o i i i C i n n n n  
C i n i C n i i n m i o n 13.

## Conclusion

n n i m m n i i i  
m n i m C C i n C o n n i n  
m i i i i i i i i i m  
C i i n i n C o i i i i n i i  
i i n i m i C o n m m n  
C o i n n C n i n C n i n i n  
i o , m i n i n n o m C  
i n i i C i n m n i o n 14. A  
n n i i n i i i i i m i n  
n i i n C i n i i i C i i n  
n i m i i n n i i C o i i  
n i n C i n o n m i o n , i n i m i o n  
i o m o n m o i n m o  
n n n C o i n m n i n  
C i o n i n i n C m i C o i n m n  
n i i n m i n , i i i i i  
C m n C m i C i 15.

## Acknowledgement

EDG n C D C C i  
C o n i ( C G 1002272 ) n C m m n m

m n n n m i  
i n C C i o n I n i  
H 073415 n 053912, H i D i F o n i o n ,  
i F o F o n i o n , n H i F o n i o n / C  
H n i n n D i I n i i / C H D I .

1. Komossa K, Rummel-Kluge C, Schwarz S, Schmid F, Hunger H , et al. (2011) Risperidone versus other atypical antipsychotics for schizophrenia . Cochrane Database Syst Rev 1: 6626.
2. Rothe PH, Heres S, Leucht S (2018) Dose equivalents for second generation long-acting injectable antipsychotics: The minimum effective dose method. Schizophr Res 193: 23-28.
3. Carulla N, Zhou M, Giralt E, Robinson CV, Dobson CM, et al. (2010) Structure and intermolecular dynamics of aggregates populated during amyloid fibril formation studied by hydrogen/deuterium exchange. Acc Chem Res 43: 1072-1079.
4. Sinnige T, Stroobants K, Dobson CM, Vendruscolo M (2020) Biophysical studies of protein misfolding and aggregation in in vivo models of Alzheimer's and Parkinson's disease. Q Rev Biophys 49: 22.
5. Butterfeld S, Hejjaoui M, Fauvet B, Awad L, Lashuel HA, et al. (2012) Chemical strategies for controlling protein folding and elucidating the molecular mechanisms of amyloid formation and toxicity. J Mol Biol 111: 82-106.
6. Cremades N, Dobson CM (2018) The contribution of biophysical and structural studies of protein self-assembly to the design of therapeutic strategies for amyloid diseases. Neurobiol Dis 109: 178-190.
7. Cheng B, Gong H, Xiao H, Petersen RB, Zheng L, et al. (2013 ) Inhibiting toxic aggregation of amyloidogenic proteins: a therapeutic strategy for protein misfolding diseases. Biochim Biophys Acta 1830: 4860-4871.
8. Zaman M, Khan AN, Wahiduzzaman, Zakariya SM, Khan RH, et al. (2019) Protein misfolding, aggregation and mechanism of amyloid cytotoxicity: An overview and therapeutic strategies to inhibit aggregation. Int J Biol Macromol 134: 1022-1037.
9. Owen MC, Gnutt D, Gao M, Wärmländer SKTS, Jarvet J, et al. (2019) Effects of in vivo conditions on amyloid aggregation. Chem Soc Rev 48: 3946-3996.
10. Ogen-Shtern N, Ben David T, Lederkremer GZ (2016) Protein aggregation and ER stress. Brain Res 1648: 658-666.
11. Shamsi TN, Athar T, Parveen R, Fatima S (2017) A review on protein misfolding, aggregation and strategies to prevent related ailments. Int J Biol Macromol 1: 993-1000.
12. Mukherjee A, Morales-Scheihing D, Butler PC, Soto C (2015) Type 2 diabetes as a protein misfolding disease. Trends Mol Med 21: 439-449.
13. Choi ML, Gandhi S (2018) Crucial role of protein oligomerization in the pathogenesis of Alzheimer's and Parkinson's diseases. FEBS J 285: 3631-3644.
14. Wright MA, Aprile FA, Arosio P, Vendruscolo M, Dobson CM, et al. (2015) Biophysical approaches for the study of interactions between molecular chaperones and protein aggregates. Chem Commun Camb 51: 14425-14434.
15. De Genst E, Dobson CM (2012) Nanobodies as structural probes of protein misfolding and fibril formation. Methods Mol Biol 911: 533-558.
16. Dobson CM, Knowles TPJ, Vendruscolo M (2020) The Amyloid Phenomenon and Its Significance in Biology and Medicine. Cold Spring Harb Perspect Biol 12: 033878.