



**Ke words:** *[Illegible text]*

**Introduction**

*[Illegible text]*

*[Illegible text]*

**Materials and Method**

*[Illegible text]*

## Discussion

11.

12.

## Conclusion

15.

## Acknowledgement

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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 vivo models of Alzheimer's and Parkinson's disease. *Q Rev Biophys* 49: 22.
5. Butterfield S, Hejjajoui M, Fauvet B, Awad L, Lashuel HA, et al. (2019) . *Neurobiol Dis* 109: 178-190.
7. Cheng B, Gong H, Xiao H, Petersen RB, Zheng L, et al. (2019) . *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* 12:083878.