

VU Research Portal

The role of presynaptic proteins in maintaining neuronal viability

Cerveira Tavares dos Santos, T.

2017

document version

Publisher's PDF, also known as Version of record

[Link to publication in VU Research Portal](#)

citation for published version (APA)

Cerveira Tavares dos Santos, T. (2017). *The role of presynaptic proteins in maintaining neuronal viability*.

General rights

Copyright and moral rights for the publications made accessible in the public portal are retained by the authors and/or other copyright owners and it is a condition of accessing publications that users recognise and abide by the legal requirements associated with these rights.

- Users may download and print one copy of any publication from the public portal for the purpose of private study or research.
- You may not further distribute the material or use it for any profit-making activity or commercial gain
- You may freely distribute the URL identifying the publication in the public portal ?

Take down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

E-mail address:

vuresearchportal.ub@vu.nl

Contents

Chapter 1	9
General introduction	
Chapter 2	29
Early Golgi abnormalities and neurodegeneration upon loss of presynaptic proteins Munc18-1, syntaxin-1 or SNAP-25	
Chapter 3	57
VPS45-, GOLPH3- and PI4KIII α -dysfunction are not the single causes for Golgi abnormalities in Munc18-1 knockout neurons	
Chapter 4	73
Phosphoinositide metabolism is altered in absence of the presynaptic protein Munc18-1	
Chapter 5	91
The role of Munc18-1 in the spatial separation of APP and BACE1	
Chapter 6	105
General discussion	
References	115
Summary	133
Acknowledgements	135