

Lipids and lipid transporters

Citation for published version (APA):

Giovagnoni, C. (2022). Lipids and lipid transporters: key role in membrane dynamics, inflammation and Alzheimer's disease. [Doctoral Thesis, Maastricht University]. Maastricht University. <https://doi.org/10.26481/dis.20220628cv>

Document status and date:

Published: 01/01/2022

DOI:

[10.26481/dis.20220628cv](https://doi.org/10.26481/dis.20220628cv)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

- A submitted manuscript is the version of the article upon submission and before peer-review. There can be important differences between the submitted version and the official published version of record. People interested in the research are advised to contact the author for the final version of the publication, or visit the DOI to the publisher's website.
- The final author version and the galley proof are versions of the publication after peer review.
- The final published version features the final layout of the paper including the volume, issue and page numbers.

[Link to publication](#)

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.

If the publication is distributed under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license above, please follow below link for the End User Agreement:

www.umlib.nl/taverne-license

Take down policy

If you believe that this document breaches copyright please contact us at:

repository@maastrichtuniversity.nl

providing details and we will investigate your claim.

1. CERT proteins mediate a direct transport of Cer between the ER and late endosome/MVE at contact sites (This thesis).
2. CERTL is a binding partner of STAT6, and the interaction leads to modulation of SL concentration in cells (This thesis).
3. SL-related genes display altered expression and DNA (hydroxy)methylation in brains of patients affected by Alzheimer's disease (This thesis).
4. The use of cholera toxin B staining to detect lipid rafts in combination with CERTs antibodies is a new methodology to better monitor cell membrane dynamics (This thesis).
5. The body does whatever it wants. I am not my body; I am my mind (Rita Levi-Montalcini).
6. The plethora of functions now attributed to bioactive sphingolipids is immense and touches almost all major aspects of cell biology (Hannun et al. 2017).
7. The severity and the prevalence of Alzheimer's disease promoted flourishing research in order to develop strategies to confront this pathology (Calabrò et al. 2020).
8. CERTL function/dysfunction affects Alzheimer disease pathological hallmarks (Crivelli et al., 2020)
9. SARS-CoV-2 induces neuroinflammation causing severe long-term consequences (Almutairi Mohammed M. et al., 2021).
10. Books have the same enemies as people: fire, humidity, animals, weather, and their own content (Paul Valery).