

University of Groningen

Rerouting 'coenzyme A' biosynthesis

Srinivasan, Balaji

IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.

Document Version

Publisher's PDF, also known as Version of record

Publication date:

2015

[Link to publication in University of Groningen/UMCG research database](#)

Citation for published version (APA):

Srinivasan, B. (2015). *Rerouting 'coenzyme A' biosynthesis*. [Thesis fully internal (DIV), University of Groningen]. University of Groningen.

Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

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.

Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.

STELLINGEN

behorende bij het proefschrift

Rerouting 'Coenzyme A' Biosynthesis

1. Coenzyme A is more than 'just' a metabolic cofactor and it is of broad importance to study the role of such a 'moonlighting metabolite', in both health and diseases. (This thesis)
2. Rare does not mean negligible. On the contrary, understanding rare diseases will strengthen our basic cell biology knowledge and leads to unforeseen benefits. (This thesis)
3. The instability of a drug molecule in the human body can be both advantageous and disadvantageous. Our research with Coenzyme A and pantethine underscores this statement. (This thesis)
4. Be simple but precise and reliable, like the developed HPLC-fluorescence method for Coenzyme A and its related thiol metabolite analysis. (This thesis)
5. The reroute for Coenzyme A biosynthesis via 4'-phosphopantetheine and its ability to rescue phenotypes induced by pantothenate kinase impairment provides therapeutic options for PKAN and other Coenzyme A related disorders. (This thesis)
6. Walk through the dark tunnel of science sometimes, even if it is long. Not because there is a guaranteed light at its end, but enjoying science as nocturnal itself is a great experience. (B.S)
7. Executing good research and leading it towards a good publication is a time consuming process. Make yourself prepared to hold your breath further, when patent filling sneaks-in. (B.S)
8. To live a life, we should inculcate the habit of persistence and patience to ourselves. There are many ways to learn it. One way is to do survival experiments with *dPANK/fbI* mutant flies. (This thesis / B.S)
9. Irrespective of what profession one belongs to, wear the cap made of ethics/moral and the shoe of diplomacy. Because that's one way to keep yourself genuine and successful. (B.S)
10. Depending on the usual rhythm you follow, sometimes even simple things can scare you. Like my PhD defense schedule on day time for me. (B.S)

Balaji Srinivasan
Groningen, 2015.