

Metabolic reprogramming and redox perturbations

Citation for published version (APA):

Aboushousha, R. (2021). *Metabolic reprogramming and redox perturbations: an interplay relevant to asthma*. [Doctoral Thesis, Maastricht University]. Gildeprint Drukkerijen.
<https://doi.org/10.26481/dis.20211208ra>

Document status and date:

Published: 01/01/2021

DOI:

[10.26481/dis.20211208ra](https://doi.org/10.26481/dis.20211208ra)

Document Version:

Publisher's PDF, also known as Version of record

Please check the document version of this publication:

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THESIS PROPOSITIONS:

- 1- Metabolic reprogramming is a major contributor to the pathophysiology of neutrophilic steroid resistant asthma (this dissertation).
- 2- Interleukin-1B (IL1B) controls pro-inflammatory signaling in asthma models (this dissertation).
- 3- The Interleukin-1 receptor blocker (Anakinra) could be beneficial in patients with neutrophilic asthma (this dissertation).
- 4- Antioxidants are not always good (this dissertation).
- 5- Avenues to control system x_c^- levels and/or activation may provide invaluable benefits to patients suffering from diseases with glutathione (GSH) imbalance, including asthma and cancer (this dissertation).
- 6- It is easy to get a thousand prescriptions, but hard to get one single remedy _ Chinese Proverb.
- 7- Negativity is the enemy of creativity _ David Lynch.
- 8- You can, you should, and if you're brave enough to start, you will _ Stephen King.
- 9- Never be so busy making a living while forgetting to make a life.
- 10- I am proud of many things in my life, but nothing beats being a mother to my children.