

Genetic aetiology of the persistently lean phenotype, exposed to an unhealthy environment.

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Abstract

During the last decades, obesity has reached epidemic proportions in high-income countries, mostly due to changes in lifestyle. However, a part of the population has remained lean despite of living in an obesogenic environment.

The objective of this master thesis project is to design, implement and perform the identification and analysis of a lean phenotype, which is persistent despite an obesogenic environment and potentially present in a large, northern Swedish cohort. Exploration of genetic factors associated to a persistently lean phenotype is enabled by analysing the extensive collection of environmental, genealogical, genetic, and clinical longitudinal data available within this population-based prospective cohort study.

By switching the focus from subjects who are diagnosed, predisposed or at risk for obesity, to subjects with a persistently lean phenotype in an obesogenic environment, protective characteristic against obesity can be explored and established.

Contents

1	Introduction	4
2	Methods	4
3	Results	4
4	Discussion	4
5	Conclusions	4
A	This is an appendix	4
B	This is another appendix	4
B.1	An appendix subsection	4

List of Figures

List of Tables

1 Introduction

Introduction goes here, formatted in text....

2 Methods

Methods go here, formatted in text....

3 Results

Results go here, formatted in text....

4 Discussion

Discussion goes here, formatted in text....

5 Conclusions

Conclusions go here, formatted in text....

A This is an appendix

You can put long mathematical derivations or tables in appendices.

$$x = y. \tag{A.1}$$

B This is another appendix

Subsections etc. are also allowed here

B.1 An appendix subsection

References

- [1] T. Oetiker et al., “The Not So Short Introduction to L^AT_EX2e,”
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