



university of
 groningen



UTS

UNIVERSITY
OF TECHNOLOGY
SYDNEY

Defining COPD and severe (early onset) COPD using a multi-omics approach.

PhD thesis

to obtain the degree of PhD at the
University of Groningen
on the authority of the
Rector Magnificus Prof. J.M.A. Scherpen
and in accordance with
the decision by the College of Deans.

and

to obtain the degree of PhD of the
University of Technology Sydney
on the authority of the
Faculty of Science

Double PhD degree

This thesis will be defended in public on
February 5th, 2025 at 12:45 hours

by

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