

WE WOULD LIKE TO INVITE YOU TO
ANNE SJØRUP BERTELSEN'S PHD DEFENCE:

AROMA-INDUCED SWEETNESS ENHANCEMENT IN BEVERAGES: THE INFLUENCE OF INTRINSIC FOOD FACTORS AND INDIVIDUAL DIFFERENCES

TUESDAY 30 JUNE 2020 13.30 - 16.30

The PhD defence will be held **online**.

To receive a link to the event, please send an e-mail to:
Ulla Kidmose (ulla.kidmose@food.au.dk).

PROGRAMME

- 13.30-13.35 Welcome by
Merete Edelenbos and Ulla Kidmose
- 13.35-14.20 Anne Sjørup Bertelsen presents her thesis entitled:
*Aroma-Induced Sweetness Enhancement in Beverages:
The Influence of Intrinsic Food Factors and Individual
Differences.*
- 14.20-14.30 Break
- 14.30-16.30 Defence of the thesis.
- Lisa Methven
*Professor, Food & Bioprocessing Sciences, University of Reading,
United Kingdom*
- Helene Christine Reinbach
*Associate Professor, Department of Food Science, University of
Copenhagen, Denmark*
- Merete Edelenbos (chairman)
*Associate Professor, Department of Food Science, Aarhus University,
Denmark*



PHD PROJECT APPETIZER

THE SMELL OF SWEETNESS – HOW SMELL CAN BE USED TO REDUCE THE SUGAR CONTENT IN BEVERAGES

Traditionally, only taste compounds have been believed to induce sweetness, but research has shown that our other senses also contribute to the perception of sweetness.

During her PhD studies, Anne Sjørup Bertelsen researched how aroma, i.e. the sense of smell, affects the sweetness perception of beverages. Anne Sjørup Bertelsen studied how different factors related to beverages influence the effect of aroma on sweetness perception and how this is dependent on different groups of consumers.

The research findings contribute to the understanding of how smell can be used to maintain sweetness in beverages with less sugar. Among aromas commonly present in Danish products, vanilla aroma was found particularly suitable for the purpose. The research findings can thereby be used for both innovation and marketing of sugar-reduced beverages.

MEMBERS OF ASSESSMENT COMMITTEE

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LANGUAGE

The PhD dissertation will be defended in English

The defense is public
Due to the coronavirus situation, Aarhus University is physically closed. Therefore, the PhD thesis will not be available for reading at the offices of the PhD administration. Instead, interested parties may send an e-mail to gradschool.scitech@au.dk, and receive a digital copy of the PhD thesis. Please note, it may in certain cases be necessary to make an individual arrangement to read the PhD thesis.

