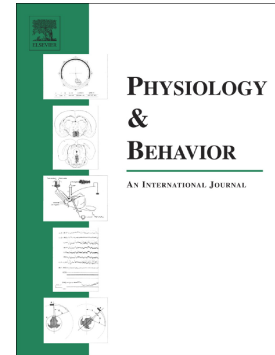


## Accepted Manuscript

Sensory-specific satiety: Added insights from autonomic nervous system responses and facial expressions

Wei He, Sanne Boesveldt, Sylvain Delplanque, Cees de Graaf, René A. de Wijk



PII: S0031-9384(16)31151-9  
DOI: doi: [10.1016/j.physbeh.2016.12.012](https://doi.org/10.1016/j.physbeh.2016.12.012)  
Reference: PHB 11585  
To appear in: *Physiology & Behavior*  
Received date: 13 April 2016  
Revised date: 11 August 2016  
Accepted date: 9 December 2016

Please cite this article as: Wei He, Sanne Boesveldt, Sylvain Delplanque, Cees de Graaf, René A. de Wijk, Sensory-specific satiety: Added insights from autonomic nervous system responses and facial expressions. The address for the corresponding author was captured as affiliation for all authors. Please check if appropriate. *Phb*(2016), doi: [10.1016/j.physbeh.2016.12.012](https://doi.org/10.1016/j.physbeh.2016.12.012)

This is a PDF file of an unedited manuscript that has been accepted for publication. As a service to our customers we are providing this early version of the manuscript. The manuscript will undergo copyediting, typesetting, and review of the resulting proof before it is published in its final form. Please note that during the production process errors may be discovered which could affect the content, and all legal disclaimers that apply to the journal pertain.

# Sensory-specific satiety: added insights from autonomic nervous system responses and facial expressions

Wei He <sup>a,b</sup>, Sanne Boesveldt <sup>b</sup>, Sylvain Delplanque <sup>c</sup>, Cees de Graaf <sup>b</sup>, René A. de Wijk <sup>a,\*</sup>

a. Food & Biobased Research, Wageningen University & Research, PO Box 17, 6700AA Wageningen, The Netherlands;

b. Division of Human Nutrition, Wageningen University, PO Box 8129, 6700EV Wageningen, The Netherlands;

c. Swiss Center for Affective Sciences, University of Geneva, rue des Battoirs 7, 1205 Geneva, Switzerland.

## E-mails:

Wei He: vivian6he9wei@gmail.com

Sanne Boesveldt: sanne.boesveldt@wur.nl

Sylvain Delplanque: sylvain.delplanque@unige.ch

Cees de Graaf: kees.degraaf@wur.nl

René A. de Wijk: rene.dewijk@wur.nl

## Highlights:

- We measured sensory-specific satiety with autonomic nervous system responses and facial expressions.
- Consumption of the test meals resulted overall in increased heart rate, reduced skin conductance and skin temperature, as well as intensified disgusted facial expressions.
- Skin conductance and skin temperature reflected effects of sensory-specific satiety.
- Sad and angry facial expressions showed effects of sensory-specific satiety.

## Key words:

sensory-specific satiety, skin conductance, skin temperature, heart rate, ANS responses, facial expressions

متن کامل مقاله

دریافت فوری ←

**ISI**Articles

مرجع مقالات تخصصی ایران

- ✓ امکان دانلود نسخه تمام متن مقالات انگلیسی
- ✓ امکان دانلود نسخه ترجمه شده مقالات
- ✓ پذیرش سفارش ترجمه تخصصی
- ✓ امکان جستجو در آرشیو جامعی از صدها موضوع و هزاران مقاله
- ✓ امکان دانلود رایگان ۲ صفحه اول هر مقاله
- ✓ امکان پرداخت اینترنتی با کلیه کارت های عضو شتاب
- ✓ دانلود فوری مقاله پس از پرداخت آنلاین
- ✓ پشتیبانی کامل خرید با بهره مندی از سیستم هوشمند رهگیری سفارشات