

The role of the Sodium Current Complex in a non-referred Nationwide Cohort of Sudden Infant Death Syndrome

Bo Gregers Winkel MD, Ph.D., Lei Yuan MD, Morten S. Olesen MSc, Ph.D., Golnaz Sadjadieh MD, Yinman Wang MD, Bjarke Risgaard MD, Reza Jabbari MD, Stig Haunsø MD, DMSc, Anders Gaarsdal Holst MD, Ph.D., Mads Vilhelm Hollegaard MSc, Ph.D., Jacob Tfelt-Hansen MD, DMSc, Thomas Jespersen MSc, Ph.D., DMSc



[www.elsevier.com/locate/buildenv](http://www.elsevier.com/locate/buildenv)

PII: S1547-5271(15)00270-2  
DOI: <http://dx.doi.org/10.1016/j.hrthm.2015.03.013>  
Reference: HRTM6166

To appear in: *Heart Rhythm*

Cite this article as: Bo Gregers Winkel MD, Ph.D., Lei Yuan MD, Morten S. Olesen MSc, Ph.D., Golnaz Sadjadieh MD, Yinman Wang MD, Bjarke Risgaard MD, Reza Jabbari MD, Stig Haunsø MD, DMSc, Anders Gaarsdal Holst MD, Ph.D., Mads Vilhelm Hollegaard MSc, Ph.D., Jacob Tfelt-Hansen MD, DMSc, Thomas Jespersen MSc, Ph.D., DMSc, The role of the Sodium Current Complex in a non-referred Nationwide Cohort of Sudden Infant Death Syndrome, *Heart Rhythm*, <http://dx.doi.org/10.1016/j.hrthm.2015.03.013>

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 galley proof before it is published in its final citable 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.

# The role of the Sodium Current Complex in a non-referred Nationwide Cohort of Sudden Infant Death Syndrome

Bo Gregers Winkel MD, PhD<sup>1\*§</sup>, Lei Yuan MD<sup>2\*</sup>, Morten S Olesen MSc, PhD<sup>1</sup>, Golnaz Sadjadieh MD<sup>1</sup>, Yinman Wang MD<sup>1</sup>, Bjarke Risgaard MD<sup>1</sup>, Reza Jabbari MD<sup>1</sup>, Stig Haunsø MD, DMSc<sup>1</sup>, Anders Gaarsdal Holst MD, PhD<sup>1</sup>, Mads Vilhelm Hollegaard MSc, PhD<sup>4</sup>, Jacob Tfelt-Hansen MD, DMSc<sup>1‡</sup>, Thomas Jespersen MSc, PhD, DMSc<sup>2‡</sup>

1. Department of Cardiology, Copenhagen University Hospital, Rigshospitalet and Danish National Research Foundation Centre for Cardiac Arrhythmia (DARC), Copenhagen, Denmark

2. Department of Biomedical Sciences, University of Copenhagen and Danish National Research Foundation Centre for Cardiac Arrhythmia (DARC), Copenhagen, Denmark

4. Department of Clinical Biochemistry and Immunology, Danish Centre for Neonatal Screening, Statens Serum Institut, Copenhagen, Denmark

\* These authors contributed equally to this study.

‡ These authors share the last authorship of this article.

§ Address all correspondence to: Bo Gregers Winkel, Copenhagen University Hospital, Rigshospitalet, Department of Cardiology, 2142, Blegdamsvej 9, 2100 Copenhagen O, Denmark. Telephone: +45 35456506 Fax: +45 35456500. E-mail: bowinkel@dadlnet.dk

**Key words:** Sudden infant death syndrome, SIDS, Sudden cardiac death, arrhythmia, sodium channels, genetic epidemiology, genetic association, molecular autopsy

**Word count:** 5285 (excluding title page)

**Short title:** The role of Sodium current in SIDS

**Conflict of Interest Disclosures:** AGH is an employee of Novo Nordisk A/S, Denmark. No financial interests are declared for the present study. All other authors declare no conflicts of interest

Download English Version:

<https://daneshyari.com/en/article/5960152>

Download Persian Version:

<https://daneshyari.com/article/5960152>

[Daneshyari.com](https://daneshyari.com)