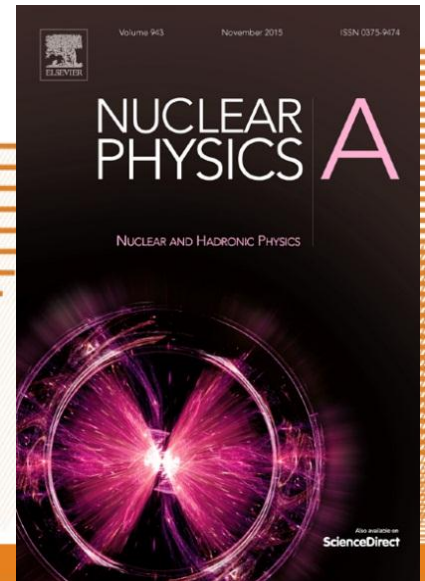




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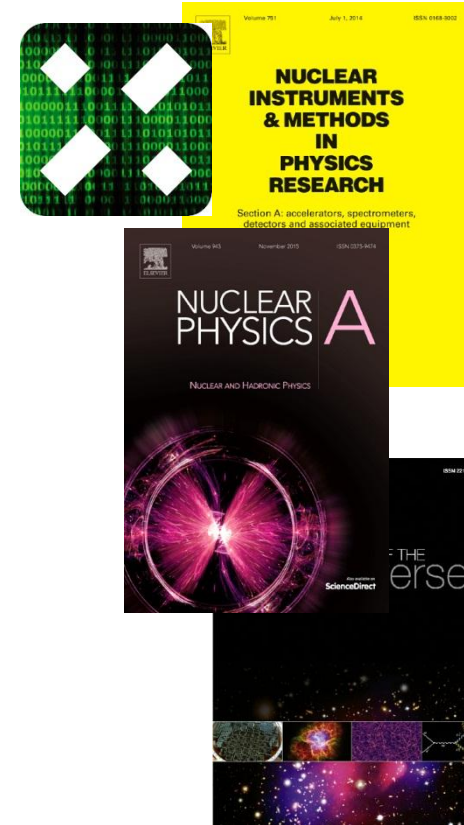
# Nuclear Physics A Young Scientist Award

Quark  
Matter  
2017



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## TAILS N-terminomic and proteomic datasets of healthy human dental pulp (Data In Brief - Supplement)

Published: 16 Oct 2015 | **Version 1** | DOI: 10.17632/555j3kk4sw.1

Contributor(s): Ulrich Eckhard, Giada Marino, Simon R. Abbey, Christopher M. Overall

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### Description of this data

Supplementary Tables for Data In Brief Article:

TAILS N-terminomic and proteomic datasets of healthy human dental pulp.

Ulrich Eckhard<sup>1,2</sup>, Giada Marino<sup>1,2</sup>, Simon R. Abbey<sup>1,2</sup>, Ian Matthew<sup>2</sup>, and Christopher M. Overall<sup>1,2,3\*</sup>

- 1 Centre for Blood Research, The Life Sciences Institute, University of British Columbia, Vancouver, BC, Canada
- 2 Department of Oral Biological and Medical Sciences, Faculty of Dentistry, University of British Columbia, Vancouver, BC, Canada
- 3 Department of Biochemistry and Molecular Biology, Faculty of Medicine, University of British Columbia, Vancouver, BC, Canada.
- \*To whom correspondence should be addressed. Email: [chris.overall@ubc.ca](mailto:chris.overall@ubc.ca)

The Data described here provide the in depth proteomic assessment of the human dental pulp proteome and N-terminome [1]. A total of 9 human dental pulps were processed and analyzed by the positional proteomics technique TAILS (Terminal Amine Isotopic Labelling of Substrates) N-terminomics. 38 liquid chromatography tandem mass spectrometry (LC-MS/MS) datasets were collected and analyzed using four database search engines in combination with statistical downstream evaluation, to yield the by far largest proteomic and N-terminomic dataset of any dental tissue to date. The raw mass spectrometry data and the corresponding metadata have been deposited in ProteomeXchange with the PXD identifier <PXD002264>; supplementary tables described in this article are available via Mendeley Data (<http://dx.doi.org/10.17632/555j3kk4sw.1>).

[1] U. Eckhard, G. Marino, S.R. Abbey, G. Tharmarajah, I. Matthew, C.M. Overall, The Human Dental Pulp Proteome and N-Terminome: Levering the Unexplored Potential of Semitryptic Peptides Enriched by TAILS to Identify Missing Species in the Human Proteome Database. *International Journal of Proteomics* 14 (2015) 2526-2532.

This data is associated with the following peer reviewed publication:

TAILS N-terminomic and proteomic datasets of healthy human dental pulp

[Cite this article](#)



Published in:  
Data In Brief

### Latest version

**Version 1** 2015-10-16

Published: 2015-10-16  
DOI: 10.17632/555j3kk4sw.1

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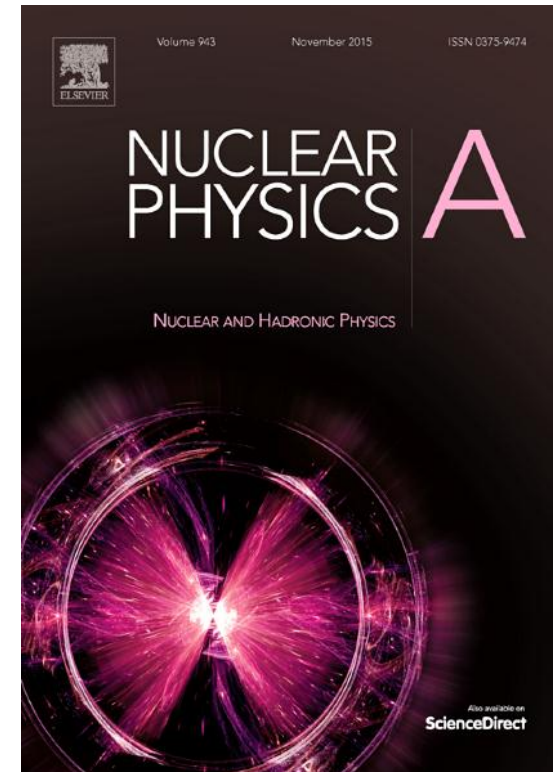
- Chiara Farinelli – [c.farinelli@elsevier.com](mailto:c.farinelli@elsevier.com)
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# Nuclear Physics A – Young Scientist Award

- To promote the work of young, up-and-coming nuclear and high energy physicists
- Awarded each year at Quark Matter to the best presentations in theory and experiment
- Winners receive a certificate and €750 prize

Thank you to the Selection committee!

- Volker Koch
- Nu Xu
- Julia Velkovska
- Peter Braun-Munzinger
- Sasha Milov
- Claudia Ratti



## ... and the winners are:

### Best experimental talk:

- **Zhoudunming Tu** (Rice University)

“ Observation of charge-dependent azimuthal correlations in pPb collisions with CMS and its implication for the search of the Chiral Magnetic Effect”

### Best theory talk:

- **Azumi Sakai** (Sophia University)

“Hydrodynamic fluctuations in Pb+Pb collisions at LHC”