

## Accepted Manuscript

Title: Developing a link between toxicants, claudins and neural tube defects

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PII: S0890-6238(18)30235-1  
DOI: <https://doi.org/10.1016/j.reprotox.2018.08.008>  
Reference: RTX 7723

To appear in: *Reproductive Toxicology*

Received date: 11-6-2018  
Revised date: 27-7-2018  
Accepted date: 2-8-2018

Please cite this article as: Gamero-Estevez E, Baumholtz A, Ryan AK, Developing a link between toxicants, claudins and neural tube defects, *Reproductive Toxicology* (2018), <https://doi.org/10.1016/j.reprotox.2018.08.008>

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# Developing a link between toxicants, claudins and neural tube defects

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## Highlights

- Claudins are required in the neural and non-neural ectoderm for neural tube morphogenesis.
- Exposure to environmental toxins and medications increases the risk of neural tube defects.
- The hypothesis that claudins function as an intermediate step between exposure to these environmental factors and neural tube defects is explored.

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