



# Article Title

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## Research Topic

## 2 ABSTRACT

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4 <http://www.frontiersin.org/Endocrinology/authorguidelines>  
5 for abstract requirement and length according to article type.

6 **Keywords:** Text Text Text Text Text Text Text Text

## 1 INTRODUCTION

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## 2 MATERIAL & METHODS

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This is a footnote

- 20 • Introduction: Succinct, with no subheadings.
- 21 • Materials and Methods: This section may be divided by subheadings. This section should contain
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- 36 • Background: This section may be divided by subheadings. Include history and review of similar cases.
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- 38 • Concluding Remarks

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89 matched species (for cross species matching), number of peptide matches, ambiguous protein/peptide  
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SUPPLEMENTAL DATA

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REFERENCES

110 1 .LastName1 A, LastName2 A, LastName2 A. Article title. *Frontiers in Neuroscience* **30** (2013) 10127–  
111 10134. doi:10.3389/fnins.2013.12345.  
112 2 .OtherAuthor N, Coauthor NS. Article title. *Frontiers in Genetics* **30** (2012) 16417–16418. doi:10.  
113 3389/fgene.2012.54321.  
114 3 .Author4 N, Author5 N. Title of the article. *Frontiers in Neurorobotics* **7** (2013). doi:10.3389/fnbot.  
115 2013.56789.