



## Research on Pain Measurements and Pain Outcome Variables

Guest Editor:

**Dr. Lisa Goudman**

1. STIMULUS Research Group,  
Vrije Universiteit Brussel, 1090  
Brussels, Belgium  
2. Department of Neurosurgery,  
Universitair Ziekenhuis Brussel,  
1090 Brussels, Belgium  
3. Research Foundation—  
Flanders (FWO), 1090 Brussels,  
Belgium

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### Message from the Guest Editor

Dear Colleagues,

The importance of individual patient characteristics combined with psychological evaluations, biological information, social influences and other related aspects are the key to properly evaluate the impact of pain on an individual person. Several other outcome mechanisms that might be influenced by pain have been explored as complementary tools or substitutes for a pain intensity report.

This Special Issue is focusing on innovative pain measurements and pain outcome mechanisms to strive towards a better quantification of the level of pain. Additionally, in the search for new pain measurement strategies, advanced statistical techniques are helping us to unravel potential biomarkers for pain, to define surrogate markers and to construct composite measures. Manuscripts addressing these topics or related topics are invited for this Special Issue, especially those combining a high academic standard coupled with innovative ideas about pain measurements and outcome variables or high-quality statistical analysis. Applications of these methods in specific pain patient populations or related to specific treatment modalities will be eligible as well.





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## Editor-in-Chief

**Prof. Dr. Paul R. Ward**

School of Society and Culture,  
Adelaide University, Adelaide  
5001, Australia

## Message from the Editor-in-Chief

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Health* Editorial Office  
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