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## Protein Kinases and Neurodegeneration

Guest Editors:

### **Dr. Jeyanthi Eswaran**

Translational and Clinical  
Research Institute, Newcastle  
University Centre for Cancer,  
Newcastle University, Level 6,  
Herschel Building, Brewery Lane,  
Newcastle upon Tyne, NE1 7RU,  
UK

### **Dr. Meera Soundararajan**

Department of Applied Sciences,  
Faculty of Health and Life  
Sciences, Northumbria  
University, Newcastle upon Tyne  
NE1 8ST, UK

Deadline for manuscript  
submissions:

**closed (15 April 2023)**

### **Message from the Guest Editors**

Neurodegenerative disorders and the associated comorbidities are on the rise due to the global increase in ageing population. Most common neurodegenerative diseases include Parkinson's and Alzheimer's disease, amyotrophic lateral sclerosis, Huntington's disease, and frontotemporal dementia, among others. The rise in disease burden is not suitably met by novel therapeutic developments and effective treatment strategies yet. One of the most popular classes of biomolecules that has been successfully targeted in the last two decades are human protein kinases. Protein kinases are highly tractable drug targets where, overall, more than 70 small molecule inhibitors are FDA approved and several antibody therapies are currently under trial. A complete understanding of the molecular mechanisms, signaling regulation, and structural basis of key kinase molecules involved in neuronal function will create and strengthen new avenues for developing drug targets for neurodegenerative disorders.

On this basis, we invite original research articles, reviews, and technical reports focused on protein kinases that can be validated as novel drug targets for neurodegenerative disorders.



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**Special** Issue



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## Editors-in-Chief

**Prof. Dr. Alexander E. Kalyuzhny**

Neuroscience, UMN Twin Cities,  
6-145 Jackson Hall, 321 Church St  
SE, Minneapolis, MN 55455, USA

**Prof. Dr. Cord Brakebusch**

Biotech Research & Innovation  
Centre, The University of  
Copenhagen, Copenhagen,  
Denmark

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*Cells* has become a solid international scientific journal that is now indexed on SCIE and in other databases. We have successfully introduced a special issues format so that these issues serve as mini-forums in specific areas of cell science. *Cells* encourages researchers to suggest new special issues, serve as special issues editors, and volunteer to be reviewers. Our main focus will remain on cell anatomy and physiology, the structure and function of organelles, cell adhesion and motility, and the regulation of intracellular signaling, growth, differentiation, and aging. We are open to both original research papers and reviews.

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## Contact Us

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*Cells* Editorial Office  
MDPI, Grosspeteranlage 5  
4052 Basel, Switzerland

Tel: +41 61 683 77 34  
[www.mdpi.com](http://www.mdpi.com)

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