X-Original-To: [redacted]
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Date: Tue, 17 Feb 2015 10:36:00 +0100 (CET)
From: IJMS Editorial Office <ijms@ijms.org>
Reply-To: "Ms. Qi Yan" <qi.yan@mdpi.com>
To: [redacted]
Subject: Announcement: [IJMS] IF 2.339 - Special Issue "Mechanisms of Neurodegeneration"

Dear Dr. [Redacted],

We contacted you on 16 December 2014, regarding a Special Issue entitled "Mechanisms of Neurodegeneration" to be published in the International Journal of Molecular Sciences (IJMS, ISSN 1422-0067).

On behalf of the Guest Editor, Prof. Dr. Kurt A. Jellinger, we would like to renew our invitation for you to contribute a full research paper or an outstanding long review for peer-review and possible publication in the following Special Issue:

Special Issue: Mechanisms of Neurodegeneration
Website:
http://www.mdpi.com/si/ijms/mechanisms_neurodegeneration
Guest Editor: Prof. Dr. Kurt A. Jellinger
Deadline: 30 September 2015

The term neurodegenerative disorders encompasses a variety of sporadic and/or familial conditions that are characterized by progressive dysfunction of specific neuronal populations, determining clinical phenotypes. Neuronal loss is associated with extra- and intracellular accumulation of misfolded proteins, the hallmarks of many neurodegenerative proteinopathies. Major basic processes include abnormal protein dynamics and disorders of degradation by cytosolic proteases, ubiquitin-proteasome system and autophagy. They induce a variety of deleterious mechanisms - oxidative stress, free radical formation,

mitochondrial dysfunction, impaired bioenergetics, dysfunction of neurotrophins, neuroinflammation, disruption of neuronal Golgi apparatus and axonal transport, leading to programmed cell death in a long run over many years. Although the type of aggregated protein and the distribution of depositions vary among diseases, recent studies showed both overlap and intraindividual diversities between different phenotypes, suggesting common pathogenic mechanisms and similar pathways of initiation and propagation of neurodegeneration due to "prion-like" transmission and spreading of pathologies. Further elucidation of basic molecular mechanisms of neurodegeneration may offer new ways for further prevention and treatment strategies of neurodegenerative diseases.

You may submit your manuscript either now or up until the deadline.

Submitted papers should not have been published previously, nor be under consideration for publication elsewhere. If you are currently preparing your manuscript or would like to contribute a paper to this interesting issue, please feel free to send the tentative title and short abstract to the Editorial Office (ijms@mdpi.com or qi.yan@mdpi.com) for consideration. Each new submission will be processed as quickly as possible. Upon acceptance, each submission will be published immediately.

For further details on the submission process, please see the instructions for authors at the journal website.

If your article is accepted for publication in this journal after peer-review and possible revision, the Article Processing Charge (APC) for publication in this open access journal would be 1600 Swiss Francs (per processed paper).

IJMS (ISSN 1422-0067) is an open access journal providing an advanced forum for molecular biology, biochemistry and chemistry.

It is published online by MDPI on a monthly basis and is freely available (online). Manuscripts are peer-reviewed and published within a short publishing period (which averages 60 days).

IJMS is covered by leading indexing services, including PubMed (Medline), the Science Citation Index Expanded (Web of Science), and Chemical Abstracts. The most recent Impact Factor (IF) for the year 2013 was 2.339.

We invite you to browse through our extensive selection of published papers and hope that you will publish a paper in our journal in the near future. Please feel free to contact us with any questions you may have.

Kind regards,

Ms. Qi Yan
Assistant Editor

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