Call for papers

Special issue on Alzheimer's disease:
Contribution of intraneuronal amyloid β accumulation to Alzheimer's disease

Intraneuronal accumulation of amyloid β (Aβ) has been identified as a component in the pathophysiology of Alzheimer’s disease and is suggested to occur early in disease. However, a variety of mechanistic questions remain unanswered. For example, Aβ oligomers may be taken up into neurons or generated intracellularly. The mechanisms of oligomerization in each scenario are not yet defined as well as any similarities or differences on cellular function or viability and the relevance of each to disease.

We invite you to submit an article for a special issue of Life Science focusing exclusively on the myriad aspects of intraneuronal Aβ accumulation and its consequence as a component of Alzheimer's disease. This issue will provide an opportunity for a concentrated assessment of the field from laboratory interests ranging from biochemical analysis of oligomerization to histologic detection of intraneuronal Aβ. Topics of interest include but are not limited to:

• Mechanisms of Aβ uptake by neurons
• Mechanisms of formation and accumulation of Aβ in neurons
• Staging of intraneuronal Aβ accumulation and disease course
• Consequences and mechanisms of intraneuronal Aβ accumulation
• Strategies targeting intraneuronal Aβ accumulation
• Models for studying intraneuronal Aβ
• Imaging and/or detection of intraneuronal Aβ

Manuscripts should adhere to the author guidelines for Life Sciences located at the following link: http://www.elsevier.com/wps/find/journaldescription.cws_home/525477/authorinstructions. All papers should be submitted under the Article Type Name "SI: Intraneuronal Aβ". The following timeline is expected for all prospective authors:

<table>
<thead>
<tr>
<th>Date</th>
<th>Expected Date</th>
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<tbody>
<tr>
<td>1st submission expected</td>
<td>December 1, 2011</td>
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<tr>
<td>Manuscript submission deadline</td>
<td>January 15, 2012</td>
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<tr>
<td>Expected date when all manuscripts are fully refereed and revised</td>
<td>May 15, 2012</td>
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