**Proposal**

**Special Issue of Neuroscience Research Notes (eISSN: 2576-828X)**

**Title: Neural Plasticity and Neurogenesis in Intellectual Disability (Example)**

Intellectual disability (ID) is the most common developmental disability and affects about 1–3% of the world population. ID refers to a person’s ability to learn, reason, make decision and solve problem (IQ < 70). The most prevalent genetic abnormalities associated with ID are chromosomal aberrations (Down syndrome, Edward syndrome, Klinefelter syndrome, Turner syndrome), dysregulation of genetic imprinting (Angelman syndrome, Prader-Willi syndrome) and single gene mutations (XLID such as Coffin-Lowry syndrome, Fragile X syndrome).

Throughout life, the mammalian brain continuously generates new neurones that become integrated into the pre-existing neuronal networks. There is increasing number of literature on impairment of neurogenesis and altered synaptic connectivity in a variety of models relevant to ID (*in vitro*, animal and human samples). Understanding the affected molecular pathways and cellular processes related to neurogenesis and neuroplasticity due to genetic abnormalities remains the great interest of the research community.

In this research topic related of neural plasticity and neurogenesis in ID, we are pleased to invite review or original research articles that reflect broad spectrum of ID that are impacted by abnormalities in neurogenesis and neuroplasticity, focusing on but are not limited to the following specialties:

* Molecular neurogenetics of in vitro or in vivo ID models,
* Transcriptomics, proteomics and metabolomics studies on ID,
* Neuroimaging studies involving animal model or human subjects for ID,
* Roles of non-coding RNAs in ID development,
* Neurophysiology or electrophysiology analysis of ID,
* Behavioral study in relation to long-term potentiation, memory consolidation and improved learning outcome, and
* Current molecular or pharmacological therapies or approaches that aims at stimulating neurogenesis or improving neural plasticity in ID models or human subjects.

**Special Issue Editor**
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**Special Issue Co-Editor(s) (minimum 1 and maximum 2)**
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Biodata (no more than 100 words):

**Information on Special Issue**

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| Expected minimum number of solicited manuscript published under Research/Technical Notes, Mini Review and Hypothetical Papers categories | **5** |
| Editorial Notes | **1** |
| Call for Papers start date | **Anytime** |
| Final Publication Date\*\* | **6 months to 9 months from the start date.** |

\*\* Neuroscience Research Notes adopted publish on-the-go concept where accepted papers are published immediately after within the issue until the final publication date. No papers will be published within the issue after the date and pending articles will be published to the subsequent issue. All manuscript submissions, reviews, revisions and acceptance must take place between the “Call for Papers Start Date” and “Final Publication Date”.

**Terms and Conditions**

1. Each special issue editor is only allowed to submit 1 article as corresponding author.
2. Special issue editorial team must be expert in the field proposed under the special issue title and must have demonstrated good publication track records in the propose field.
3. It is recommended to have special issue editorial team with members from different country.
4. All manuscript submission, peer-reviewing, editorial policy and technical requirements must follow the guidelines (<https://www.neuroscirn.org/author/>) and terms of service (<https://www.neuroscirn.org/tos/>) adopted by Neuroscience Research Notes.
5. While Neuroscience Research Notes will publicize the special issue via all its official social networks online, the members of the special issue editorial team are strongly recommended to do the same through their professional networks in the field to achieve the minimum article published per issue stated in the table above.
6. The artwork of the electronic-cover for the special issue will be based on the regular issue designed for the year.