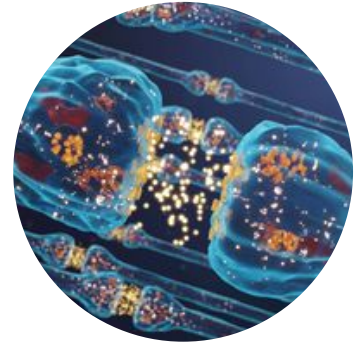


Seeking Serotonin Receptor Agonists to Elicit Psychedelic Effects, Neuroplasticity and Neurogenesis

Beckley Psytech is dedicated to helping patients suffering from neurological and psychiatric disorders by developing a pipeline of psychedelic compounds into licensed pharmaceutical medicines. They are looking for universities that are working on **serotonin (5HT2A) receptor agonists to elicit psychedelic effects, neuroplasticity, and neurogenesis.**



Approaches of Interest

- **Therapeutic approaches to treat disorders where there is a significant unmet need** e.g., depression, addiction
- **Therapeutic compounds with a suitable onset of action and duration of effect** for the treatment of the disorder
- **Compound scaffolds based on tryptamine, ergoline or phenethylamine**
- **Compounds with selectivity for 5HT2A** are of the highest interest, however compounds with additional selectivity (alongside 5HT2A binding) for 5HT2B, Sigma 1, 5HT1D and 5HT7 will also be considered
- **Basic research into the activation of pathways downstream of 5HT2A binding** is also of interest
- **Novel approaches for the targeted delivery to cell types of the brain** e.g., nanoparticles, microneedles etc.

Out of Scope

- Therapeutic approaches to treat non-neuropsychiatric disorders

Developmental Stages of Interest

- Opportunities at basic research phase to Phase I clinical trial are within scope
- As a minimum, the therapeutic compounds of interest will have *in vitro* and *ex vivo* validation (e.g., target receptor binding profile and toxicology indicators) while additional *in vivo* validation is preferable (e.g., ADME in mice/rats/dogs and behavioural studies)






Submission Information

Submission of one page, 200-300 word briefs are encouraged, along with any optional supplementary information e.g., relevant publications and patents. In submitting to this campaign, you confirm that your submission contains only non-confidential information.

Opportunity for Collaboration

Beckley Psytech is open to a range of collaboration opportunities, with the most appropriate outcome being decided on a case-by-case basis. Example outcomes include licensing assets, project/PhD funding, and research collaborations.

Opportunities sought

-  Technologies
-  Academics and expertise
-  Centres of excellence
-  Research projects
-  Spinout companies

Submissions

Please submit relevant, non-confidential opportunities online via: discover.in-part.com

Deadline: **8th August 2022 - 10:59 pm GMT**

Have any questions?

Contact our team at discover@in-part.co.uk

