BrainBits®: Providing primary rat and mouse tissues and cells

CRACK IT Solutions

BrainBits® is seeking collaborators that require a reliable source of primary rat and mouse tissues and cells for research.

What could the Solution be used for?

BrainBits® provides a reliable and reproducible source of freshly dissected primary tissues from rats and mice. Using highly trained dissection technicians and standardised protocols for every procedure reduces variability and allows researchers access to this resource without having to source or maintain live animals. Some common research applications of BrainBits® products include understanding the mechanisms underlying neurodegeneration, studying the activity of viruses and developing drugs and screening tools.

Need for collaboration

BrainBits® is seeking industrial and academic collaborators that require a reliable source of primary rat and mouse tissue and cells for research. They are keen to explore novel applications of cells and tissues to help develop new or existing technology platforms, drugs or screening tools / protocols. BrainBits® will work directly with researchers to refine techniques, formulate unique medias, and create specific protocols for isolation and use of new tissue and cell types to meet their research needs.

3Rs impact

Conservative estimates suggest BrainBits® is able to offer a greater than 50% reduction in the number of rats / mice needed to deliver primary cells globally. This reduction is through:

- Efficient use of animals: BrainBits® enables multiple researchers to efficiently share tissue from the same animal.
- Reducing over ordering: BrainBits® provides tissue to many labs and can rely much more on the average yield of pups to decide how many animals to order; avoiding issues of uncertain litter sizes, failed pregnancies, or pups being reabsorbed which mean researchers order more animals than they might need.

For more information or to contact the Solution provider: https://crackit.org.uk/brainbits%C2%AE-providing-primary-rat-and-mouse-tissues-and-cells

NC 3Rs

BrainBits® More Cells. More Research. More Discovery.

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