

SpheroMatrices™

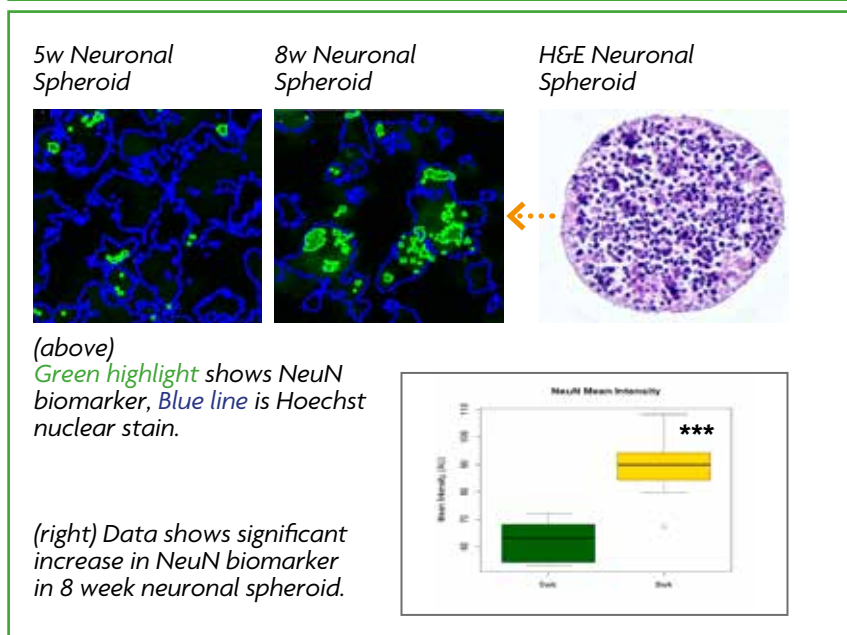
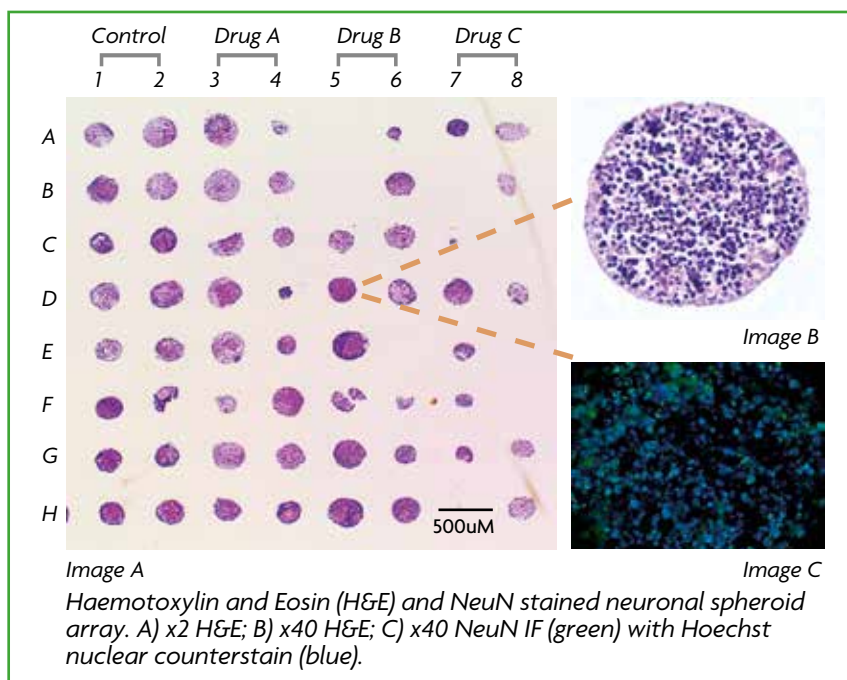
A spheroid tissue microarray for obtaining medium-high throughput toxicity/efficacy data from human relevant organotypic spheroid cultures



Featuring:

- › Parallel physical sections through spheroid/organoid.
- › Geometric grid suitable for automated image analysis.
- › Retains 96 well plate format/organisation.

SPHEROID MICRO TMA



Applications:

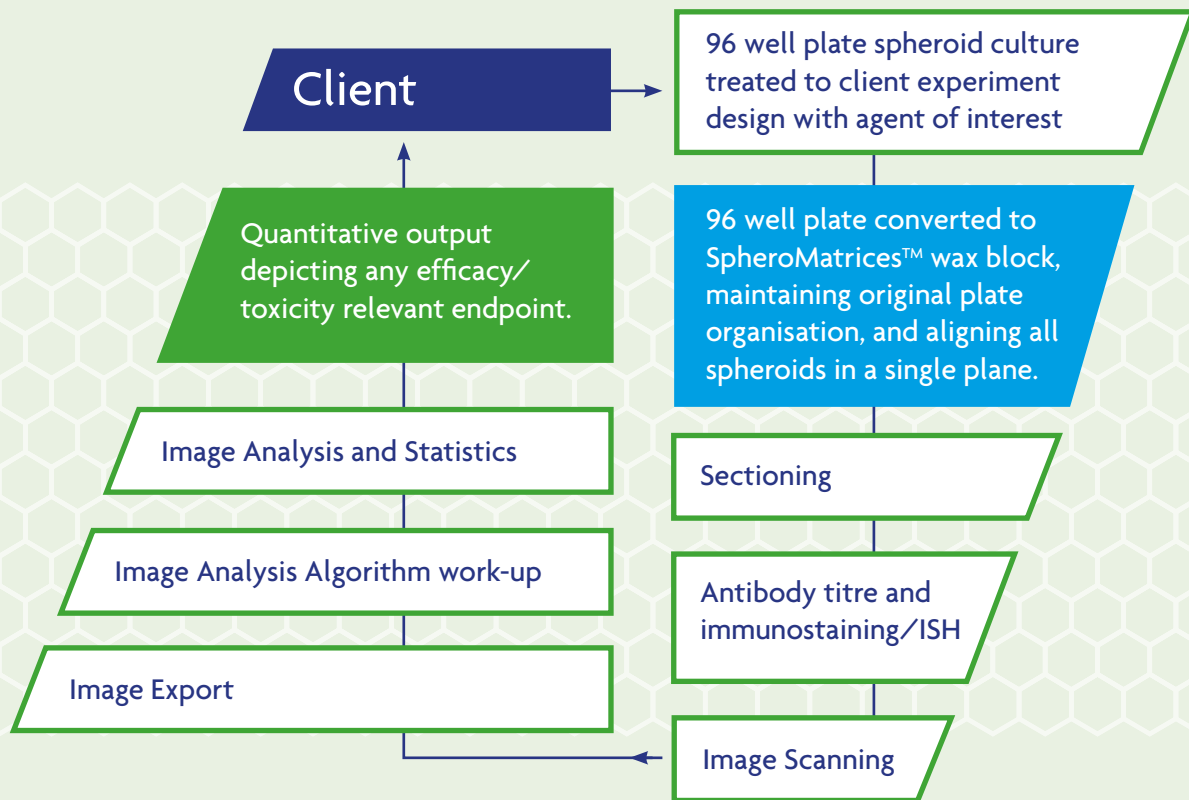
- › Target Identification/Validation
- › Spheroid/organoid analytics
- › Hits to Lead
- › Lead Optimization
- › Candidate selection
- › PDX spheroid screening

Benefits:

- › Quantification of efficacy/toxicity relevant endpoints
- › Pathology guided cell type verification
- › Medium-high throughput 96 well format
- › Automated image analysis
- › Complementary to current screening technologies

SpheroMatrices Tissue MicroArray workflow

The following schema shows the workflow of a typical SpheroMatrices project where client supplies 96 well plate of spheroids treated to client experimental design.



SpheroMatrices™ Analyses is only one of the innovative services MicroMatrices use to obtain knowledge rich results for our clients; for more in depth information and case studies please contact Simon Plummer (contact details below), or visit our website at www.micromatrices.com