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### Editorial

Shortly before the end of 2010 we would like to welcome you to the last newsletter of this year. It was a very fruitful year in which we became partners in new projects, executed more experiments and extended our collaborations. In addition, we are happy to welcome a 9th employee to our growing team: Esther den Heijer who will fulfill the position of Office Manager. In this newsletter special attention is given to our depression models and learning tasks in rodents. Besides, a glance in the near future reveals the planned conferences in 2011 where you will be able to meet us.

On behalf of the whole team of Delta Phenomics I wish you happy holidays and much inspiration for the new year!  
*Suzanne Peters, editor*



### Depression Models

Recently, we have summarized our experience in research on animal models of depression in a new leaflet. Our models, which are based on social stress, allow easy integration of a specific therapeutic treatment or we could test your own (transgenic) mouse or rat strain. You can [read more](#) about the protocol and validation on our website. [Contact us](#) to hear how you can benefit from our experience with these depression models.

### Automated Learning Tasks

Testing how your promising drug affects cognitive capacities in an animal model that also allows the continuous observation of the animal, providing information on activity, circadian rhythm and many more behavioral parameters. This can be carried out at our research facility, where we have developed automated learning tasks for mice in the home cage. [Take a look](#) at the results of the validation experiments with 7 frequently used mice inbred strains. Or check out our video on the website that nicely demonstrates the performance of mice in one of the automated learning tasks.



## Collaboration on Schizophrenia

Delta Phenomics is happy to announce that the [University of Aberdeen](#) and Delta Phenomics agreed upon shared use of the transgenic Disc1 mouse model for schizophrenia. [Contact us today](#) if you are interested in an experimental study, in which for instance your developed therapeutic agent is tested in this mouse model. On our website you can find more information about the transgenic Disc1 mice, [click here](#).



## Collaboration with PhenoSys



Delta Phenomics is collaborating with [PhenoSys](#), a research-oriented company that develops cutting-edge technology for automated animal behavior research. The president of the company, Prof. Dr. York Winter has developed a novel “operant module” for the PhenoTyper® home cage system. This module has multiple functions: nose poke sensor, liquid reward (water), negative reinforcement (air puff), 3 separate green LED stimulus lights. The module will be tested and validated at our research lab. [Read more](#).

## Contact us in the United Kingdom and Ireland

We are happy to introduce an additional local representative whom you can contact from within the UK or Ireland:

- Dr. Elizabeth Bate (office: +44-115-9224539, mobile: +44-798-0287688, [email](#))

For a total overview of our representatives in Europe, [click here](#).

## Meet Delta Phenomics in 2011

You can meet Delta Phenomics representatives at the following forthcoming conferences in 2011. We look forward to meeting you, to discuss your project needs or other collaboration opportunities.

- AD/PD 2011: 10th international conference on Alzheimer’s and Parkinson’s diseases, 9-13 March, Barcelona, Spain.
- 9th Göttingen Meeting of the German Neuroscience Society, 23-27 March, Göttingen, Germany.
- ENP 2011: 9th Dutch Endo-Neuro-Psycho Meeting, 30 May–1 June, Lunteren, the Netherlands.
- 10th Congress of the French Neuroscience Society, 24-27 May, Marseille, France.
- IBRO 2011: 8th IBRO World congress of neuroscience, 14-18 July 2011, Florence, Italy.
- EBPS 2011: 14th Biennial Meeting of the European Behavioral Pharmacology Society, 26-29 August, Amsterdam, the Netherlands.