



# Wanna be a MAD scientist?

Join the MicroArray Department (MAD) for your training and you will go out of your mind, mixing up your own cocktail of

**genomics research, microarray technology and bioinformatics.**

We have various ready-to-go projects with different scopes, but if you have a mind-boggling idea of your own, let us know. So make up your mind, contact us for one of the themes below, and let us shape your brain!

The MAD Team



## Theme 1: Microarray technology development

The MAD has a state-of-the-art microarray facility. We are currently looking for new ways of using microarray technology. For instance: to create a universal array, to introduce a bead based microarray technology platform, to develop a combinatorial array.

*The focus is on lab work and not so much on bioinformatics*

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## Theme 2: Microarrays in biology/biomedicine

The MAD works on numerous projects with biological and biomedical research groups within and outside the UvA/AMC. The topics range from toxicogenomics, aging, food safety, cancer neuropathology, alternatives for animal testing, DNA repair to human pathogens.

*The focus is on lab work combined with bioinformatics data analysis.*

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## Theme 3: Microarray bioinformatics

The MAD is trying to make sense of all the microarray data that is generated in every project. And so we are searching for innovative ways to analyze data such as: time-course analysis, bayesian methods, re-annotation procedures, e-bioscience workflows and Grid computing.

*The focus is solely on bioinformatics data analysis.*

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Location: Our laboratory is located in the new FNWI building at Science Park 904.