

## **New Advances in Laboratory Animal Health Monitoring**

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In this presentation, I will describe the evolution of health monitoring from classic methods, such as microbiology and microscopy, through to the non-destructive methods of screening and onto the current emerging area of Sentinel-Free Diagnostics (SFD). The aim is to work towards the 3Rs ethos and reduce the number of animals used without sacrificing the quality of the colony health data obtained. I will explain that although the different methods have evolved over time it does not mean that older methods are still not useful. Each different method has pros and cons and a combination of methods can give the best overall result.