

Axxam's Hit Discovery Services: efficiency and precision through automation

Axxam has a proven experience in high-throughput screening. Through the HDC GmbH facility in Konstanz it offers access to a fully automated state-of-the-art screening station for radiometric assays



Radioactive screening is based on a **completely automated** CyBio screening station allowing unattended overnight operation

Automated Radiometric Screening

❑ CyBio centric screening station for SPA bead assays

- Special equipment for bead dispensing
- Lumax camera with specialized optics tuned for maximal sensitivity
 - 40.000 test point/day in 384 format
 - 60.000 test point/day in 1536 well format

❑ Semi-automated screening with FlashPlate assays

- 30.000 test point/day in 384 format

❑ Semi-automated screening with filtration based assays

- 20.000 test point/day in 384 format



❑ Platform suited for:

- Epigenetic targets
- Binding assays
- Transporter assays
- Kinase assays

❑ Services provided:

- Assay development
- Assay adaptation
- High-throughput screening
- Support of Hit-to-Lead programs

Track record:

- ❑ > 1.4 Mio test points have been screened in filtration based assays within 6 months
- ❑ > 70,000 test points/week in SPA-based GPCR ligand binding assays