

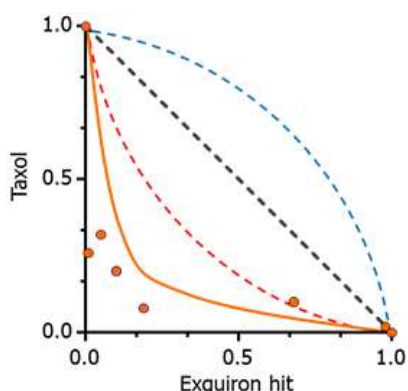
Fast-track beyond hit discovery

Exquiron's outstanding compound collection ([read some clients' testimonials](#)), combined with assay development, screening and data mining capabilities, and iterative SAR expansion will advance your drug discovery programs quickly and reliably, and result in high quality hit series. Rely on Exquiron to reach the transition to H2L and LO stages efficiently.

- *Stephan Fasler, CEO*

Cell cycle inhibitor discovery with SAR expansion

Exquiron's SAR expansion approach was employed to retrieve 1,600 compounds from our collection. Samples were screened on IntelliCyt's iQue® Screener platform, resulting in the identification of hits modulating cell cycle progression and inducing apoptosis. Principal component analysis applied to multi-parameter datasets revealed patterns associated with different phenotypes and provided insight into mode of action of validated hits. Selected hits were tested in combination studies with known anti-cancer cytotoxic agents, and displayed highly synergistic activity in a cell viability readout.



Normalized isobologram, revealing synergistic effects of an Exquiron hit in combination with Taxol. Axes indicate normalized concentrations from 0 to IC50 of compound, dotted lines indicate antagonistic (blue), synergistic (red) or additive effects (black).

Hit discovery services

- Assay development
- Access to a quarter million compounds
- *in silico* drug discovery
- High throughput screening
- Hit profiling & MoA
- SAR expansion
- Tailored compound selection & screening ready assay plates
- Label-free, MS-based assay development, screening & hit profiling

Collaboration is key, let's work together

Multi-parameter analysis of activated PBMCs

High-throughput, multiplex screening of compounds on primary cells generates information-rich multivariate compound activity profiles that can be used for identifying or prioritizing potential therapeutics candidates. Application of advanced data mining techniques to these profiles allows rapid identification of compounds with activity similar to reference substances, but also identifies compounds eliciting new, potentially interesting phenotypes. ([full article](#))

Anti-microbial lead discovery

In an ongoing collaboration, 150,000 compounds from the Exquiron compound library served as starting point for an anti-microbial hit discovery campaign against various pathogens. Through iterative data mining, compounds acquisition, and screening phases, this project has produced a range of hit series, which are now being progressed towards lead status. ([full article](#))

Meet our team at this upcoming conference

SLAS 2016
San Diego
23-27 January 2016
[Booth #453](#)



Season's greetings and success in 2016

The many fruitful interactions with our clients and partners are what makes our success possible. And in this spirit we say, simply but sincerely...

Thank You and Best Wishes for the Holiday Season and a Happy New Year.

Contact us for more information...

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...or simply reply to this email

