
Revolutionary Swedish invention can potentially improve drug development

Attana AB introduces the Attana Cell 200 – the first system to permit real-time kinetic analysis of molecular interactions directly on cell surfaces, bringing drug development a step closer to the body.

As the first company in the world, Attana launches a system measuring molecular interactions label free directly on cell surfaces. In line with Attana's innovative strategy, the Attana Cell 200 is a revolutionary system that rapidly generates biologically relevant information on molecular interactions with cell surfaces. Thanks to groundbreaking innovations and sedulous developments, Attana is the only player on the market that offers cells integrated as sensor surface. The experiments mimic real life conditions and generate information with higher biological relevance in comparison with traditional synthetic sensor surfaces.

Drug development is financially risky and time consuming. To save money and time the industry needs to early identify and eliminate unsuitable candidates. Attana Cell 200 biosensor system improves the selection process by rapidly identifying promising drug candidates. This enables early and well informed decisions in selecting relevant candidates while reducing unnecessary development costs and saving time. The Attana Cell 200 is label free, can run unpurified candidate molecules and has high throughput, resulting in fast and efficient screening of many drug candidates.

Attana Cell 200 is launched with new applications such as kinetic evaluation of cellular biomolecular interactions, e.g. antibody-receptor and lectin-carbohydrate, competition assays and cell capturing.

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Attana Cell 200

About Attana AB

Based in Stockholm, Sweden, Attana AB develops and sells biosensors for analysis of biomolecular interactions. Our systems have since 2003 been employed at leading life science companies and universities worldwide, working in a wide variety of research fields. Attana's biosensors can be used to determine specificity, kinetics and affinity, amongst other binding characteristics of biomolecules and macrostructures of varying species such as cells, antibodies, proteins, viruses and bacteria.