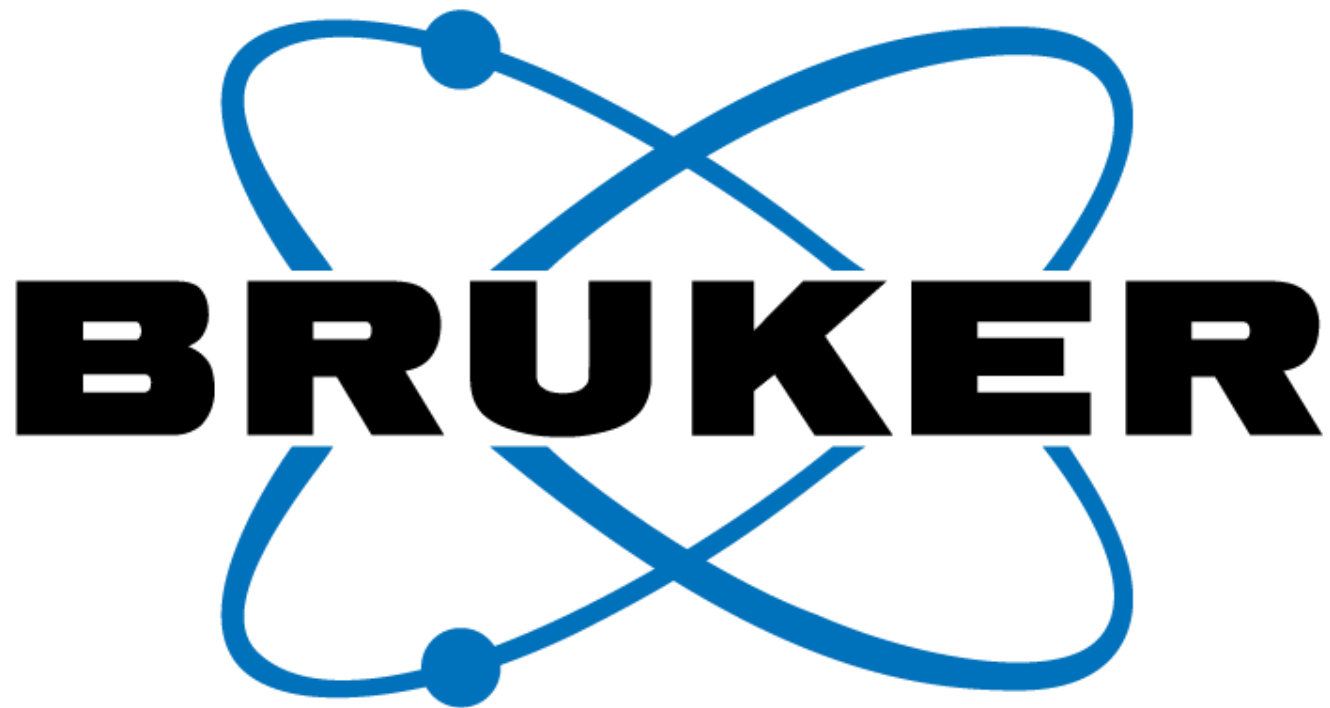




HIGHLIGHT



Biosensors



Who are you?

We push the boundaries of **molecular interaction analysis** and provide technologies that enable **flexible** assays and deliver **comprehensive** biophysical insights: from high-throughput **screening** of small molecules, antibodies, and more, to **in-depth functional assays** and direct analysis on **living cells**.



What is your expertise?



- . Binding kinetics
- . Screening
- . Specificity and selectivity analysis
- . Avidity analysis
- . Ternary complex formation
- . Thermodynamics
- . Protein quantification
- . Mode-of-action studies
- . Conditional binding (e.g. pH-dependent binding)
- . Epitope characterization (e.g. Epitope binning)
- . Conformational changes
- . Nucleic acid enzyme binding and activity



What are your key products or services?

scIC: binding kinetics **directly on cells** for membrane targets like GPCRs and ion channels.

switchSENSE[®]: complex kinetic characterizations like bispecifics, PROTACs, molecular glues, conformational changes.

SPR: flexibility and high-throughput, e.g. for multiplexing, crude samples and fragment screenings.

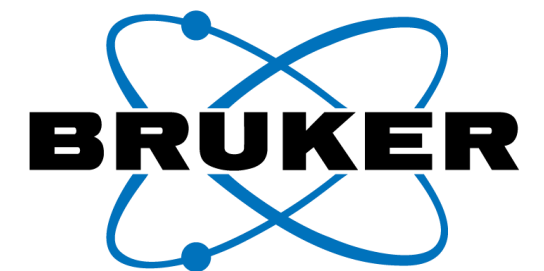


Can you sum up your company in 3 words?

- Innovative
- Versatile
- Comprehensive



Biophysical solutions for every step of your research project



Biosensors

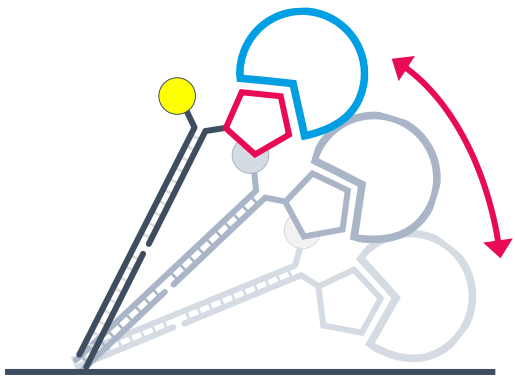


scIC

Kinetics directly on cells

Characterize binding to so far inaccessible targets like GPCRs, ion channels, etc.

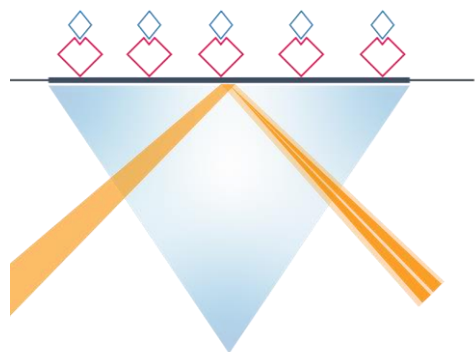
Retain the native membrane environment (density, mobility, folding, co-receptors, etc).



switchSENSE®

Versatile fluorescence for complex interactions

Multispecific binders, ternary complexes (e.g. PROTACs, molecular glues), conformational changes, activity of nucleic acid enzymes (e.g. polymerases)



SPR

Flexibility and throughput combined

Assay development and screening on the same sensor, multiplexing, quantification, crude sample analysis



Contact

Information

Stéphane Pinhal

Technical Sales Manager



+33 (0)6 02 94 10 69

stephane.pinhal@bruker.com

www.bruker.com/spr