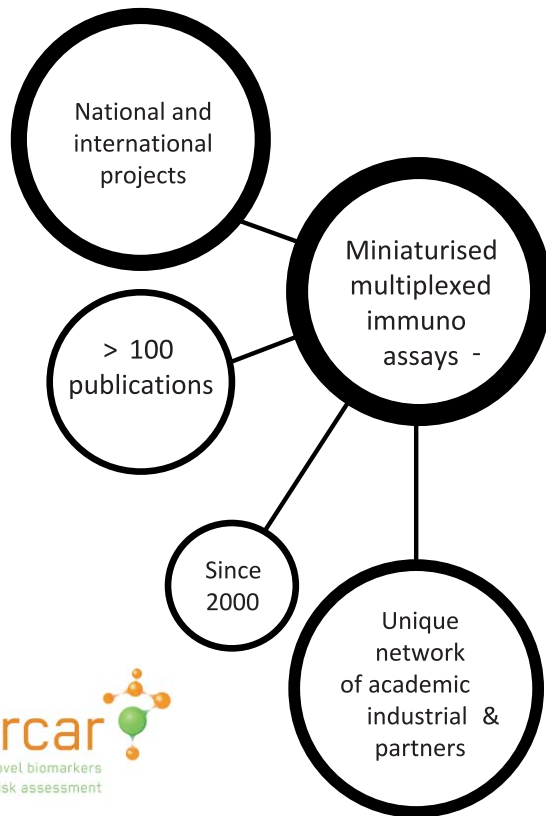
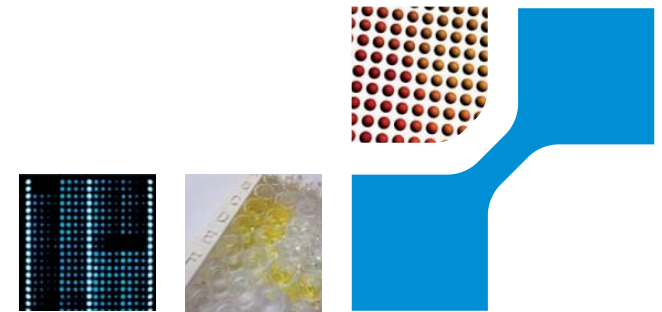


## Network »



- Application-oriented research and development, consultation, measurements, testing, analysis, studies and implementation of innovative solutions.
- Wide, efficient service spectrum for SMEs and large customers.
- Flexible structures, highly qualified, interdisciplinary teams, state-of-the-art equipment and quality management for extraordinary results.
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- Incubator for new companies.
- Founded in 1985 as a non-profit foundation.
- 170 employees.
- Subsidiary: NMI Technologie Transfer GmbH (NMI TT GmbH).

## Biomarker in biomedical research »



Miniaturized multiplexed immunoassays

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## Miniaturized multiplexed immunoassays

### >> Benefit from our competences in

The quantitative measurement of protein biomarkers plays a pivotal role in biomedical research. Expression analysis of specific receptor targets, down-stream kinases or enzymes and their potential post-translational modifications is essential for the drug development process. Efficacy, safety and outcome and patient stratification can be measured by patterns of protein biomarkers.

We develop protein biomarker assays and perform services for pharmaceutical companies on state-of-the-art technology platforms. Technical solutions for the client's task are identified and the assay is developed in close collaboration with the project partner.

#### Protein microarrays

- Suspension bead arrays (Luminex)
- Reverse Phase Protein Arrays
- High content Western Blot
- Surface plasmon resonance (Biacore)

#### Our services

- Development & validation of immunoassays
- Sample screening
- Signaling network analysis
- Antibody generation & characterization
- Technology evaluation

#### Cell based assays

- High Content Analysis
- Live Cell Imaging
- Novel fluorescent nanoprobes

#### Our services

- Intracellular antibody technologies
- Phage display
- Detection of reversible protein-protein interaction
- Compound screening
- RNAi screening

