



NextGen
Microfluidics

WE DEVELOP AND PRODUCE

Microfluidic Lab-on-a-Foil Systems

We combine the competencies of 21 companies and research organizations along the entire value chain in the development of microfluidic lab-on-a-foil systems and offer services for the development and production of these systems for companies – from start-ups to large-scale industry.

We create value for our customers through:

- ✓ A single entry point to research and development services
- ✓ Production as a service
- ✓ Quality assurance
- ✓ Access to venture capital

We offer funding to scale up your application.

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OUR SERVICES

What We Offer



Simulation Based Design

We design the optimal structures for your microfluidic system.



Assay Development

We develop biochemical and molecular assays for your specific requirements.



(Bio)Functionalization

We deposit and immobilize your (bio)functional material in your lab-on-a-foil.



Material Development

We develop resins, functional inks or selective membranes for your microfluidic system.



Mastering of Structures

We prototype your required 3D-structures and complex nanopatterns on a large scale.



Chip Production

We offer unique roll-to-roll based production processes for continuous high throughput manufacturing of your microfluidic consumables.



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