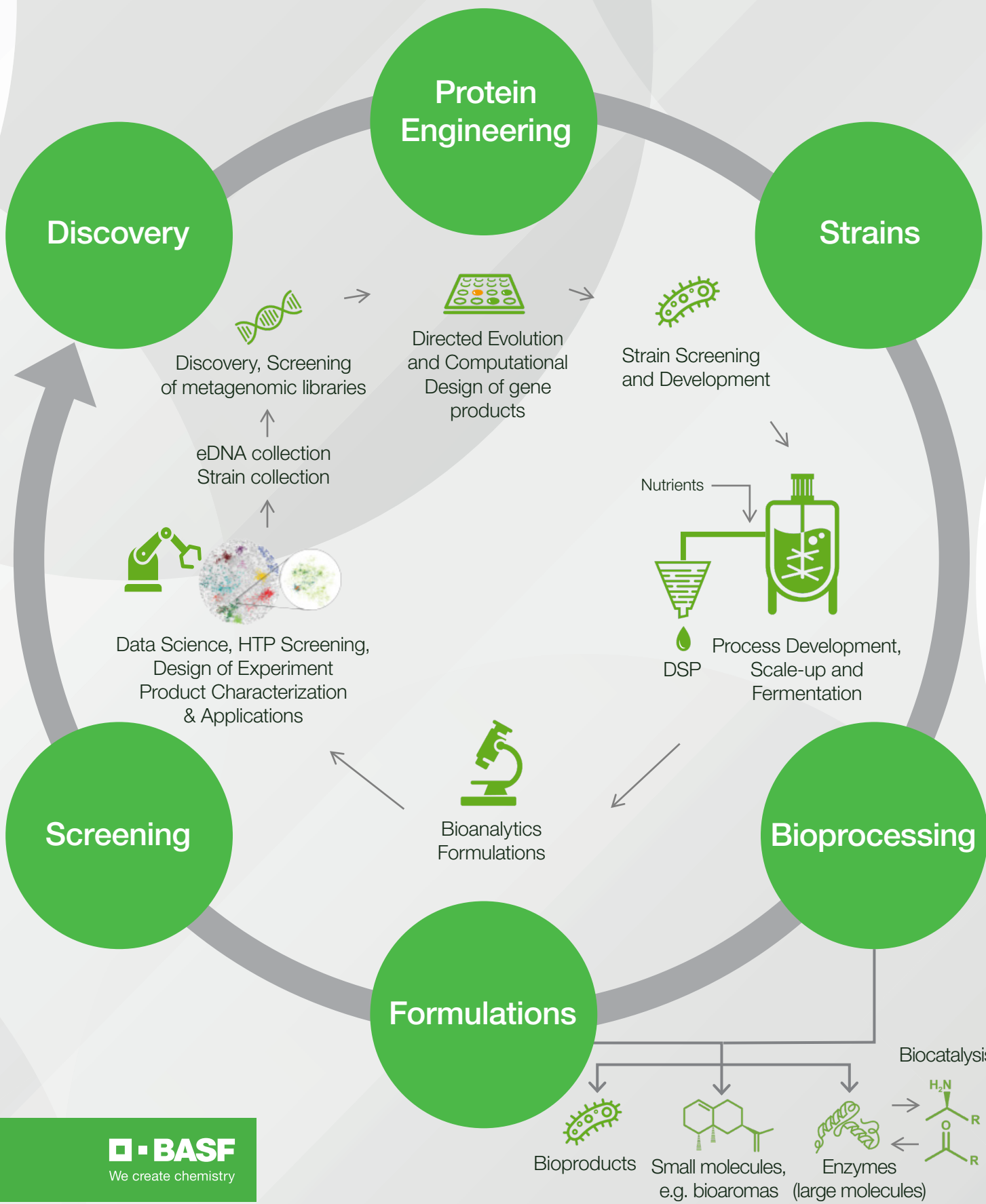


BASF Bioservices

Your End-to-End Biotech R&D Partner



Discovery

- +600 million genes; +100k microbial strains; +27k successfully cloned
- Functional and digital screening with metagenomic libraries
- Real-time sequence monitoring of metagenomic libraries expands BASF collection
- Access our expertise and rich discovery collections to assist you in achieving early and later phase project success

Protein Engineering

- Quickly engineer proteins using computational design and evolution with the end application in mind
- Automated multi-parameter parallel screening for properties like stability, titer, solubility, and application performance
- In-house next-generation sequencing supports hit selection and fast iterative learning cycles and evolution steps
- Effective functional protein diversification for purposes such as IP adaptation

Strains

- Research Use Only and Commercial gram +/- bacteria, yeasts and fungal strains
- Microorganism species expertise ensures the correct strain selected and optimized for downstream success
- Rapid host selection and scoping process for functional expression success
- Optimized strains are tailored to follow regulatory compliance requirements

Bioprocessing

- Decades of experience with state of the art upstream and downstream capabilities in both development and manufacturing
- Keeping the end process in mind, red flags are detected in early stages due to experience and expertise
- Adaptive laboratory evolution maximizes strain performance in industrial settings
- Scaling up and down technologies to ensure the success in production

Formulations

- HTP biologic excipient and pre-formulation screening
- Iterative DoE-based formulation optimization
- Stability profiling and long-term shelf-life prediction
- Biophysical and chemical lead characterization and selection within target formulations
- In-depth understanding of formulation design through our expansive analytical toolbox

Screening

- Custom assay development and adaptation for HTS
- First-class automation lab with multiple integrated robotic systems to fit HTS needs
- Extensive plate-based screening capabilities
- Routine collection of 10-20k data points per day
- DBTL statistical framework
- Digitalized pipeline & tracking bring interrogation of thousands of variants/drugs together



We can help you meet your goals! Scan the QR code to learn more about the BASF Bioservices team or contact us at bioservices@basf.com.

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