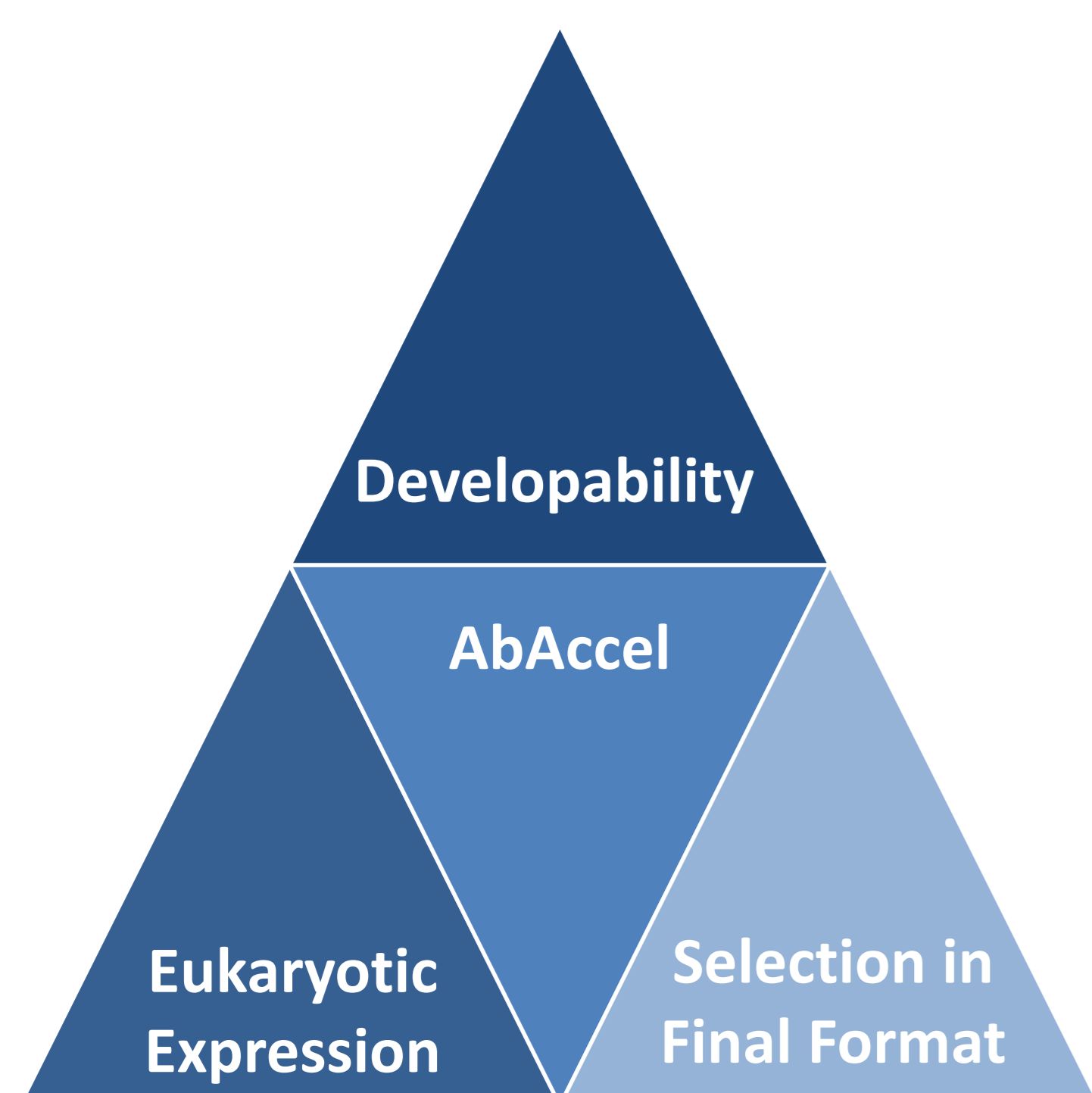


Discovery and Optimization of Therapeutic Antibodies

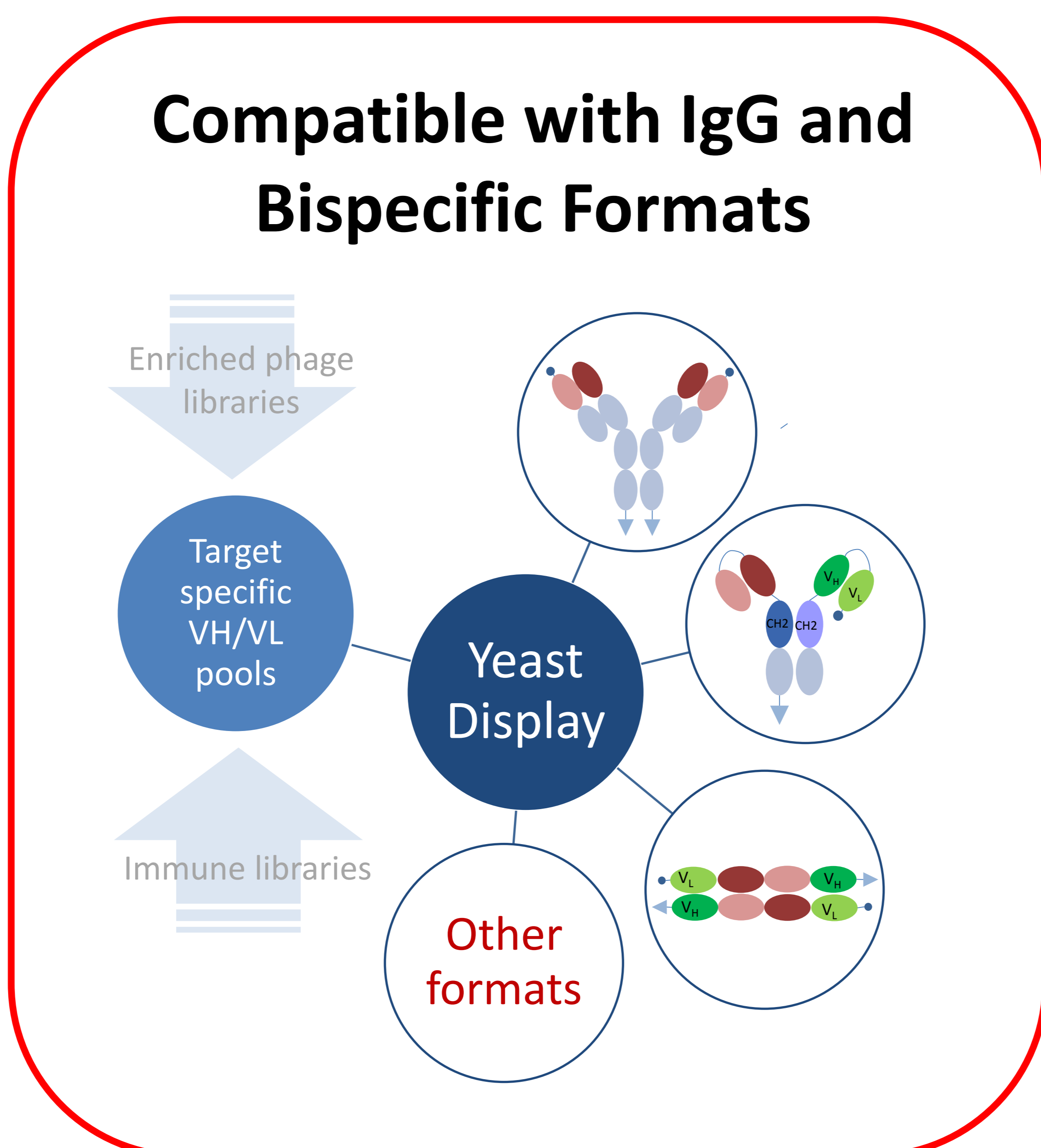
Vera Molkenhain and Volker Lang

AbCheck offers royalty-free discovery and optimization of antibodies for therapeutic applications. The platform consists of two key technologies AbSieve and AbAccel and was set up to address key problems of today's drug development already during the discovery process.

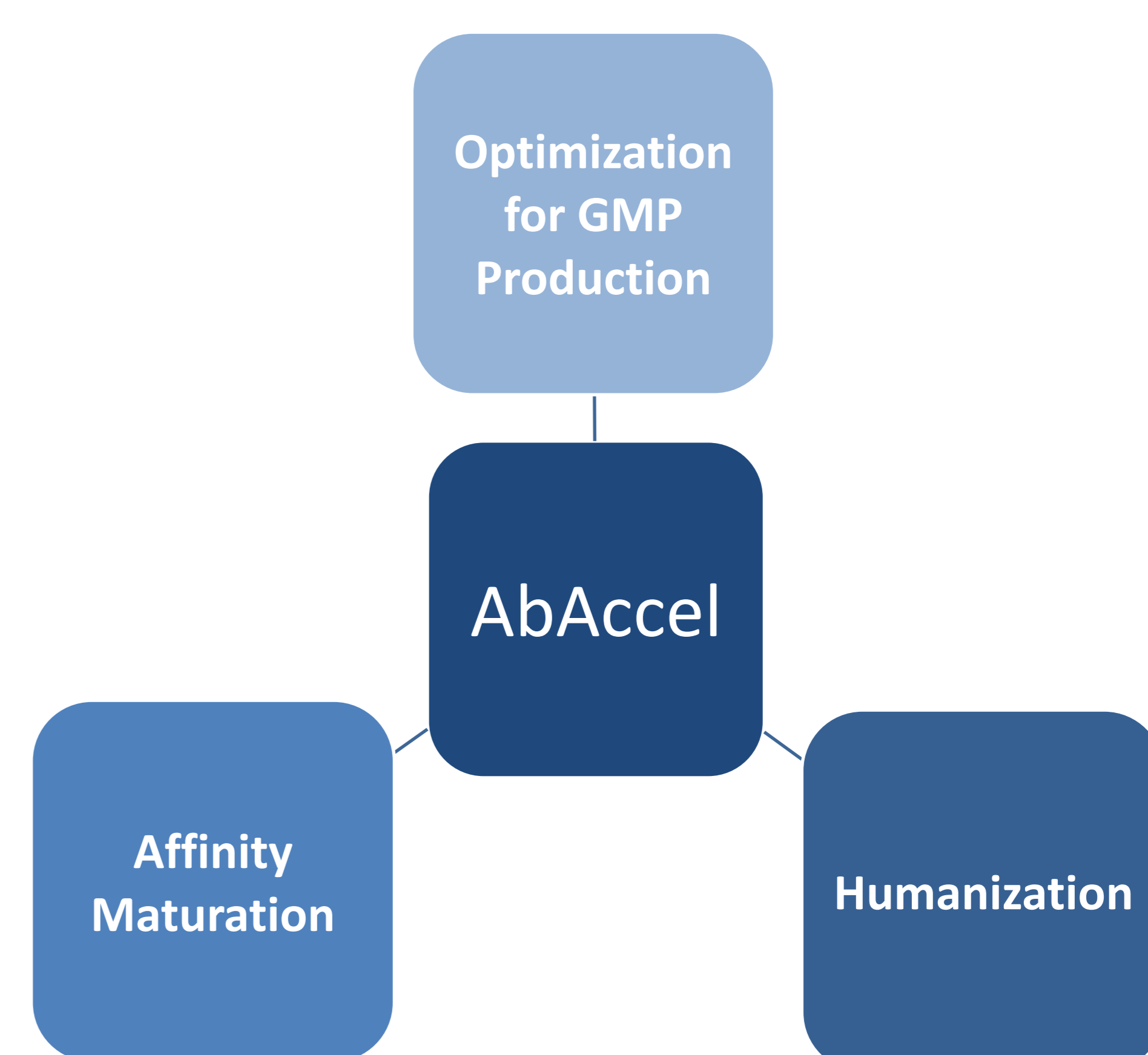
Integrative Platform for Discovery of Developable Drug Candidates



Compatible with IgG and Bispecific Formats



AbAccel: Developability-focused Lead Optimization



AbSieve Workflow:

The unique AbSieve Workflow allows FACS-based selection and screening in the final drug format and takes advantage of the built-in quality control of eukaryotic expression systems. The workflow includes the cloning of target-specific yeast display libraries, which can be based on IgG or bispecific formats.



Lead Optimization with AbAccel:

Lead optimization with AbAccel is based on a proprietary algorithm, developed by DistributedBio. SDRs of lead candidates are identified and transferred to a compatible VH/VL framework pair with best behaviour during GMP production.