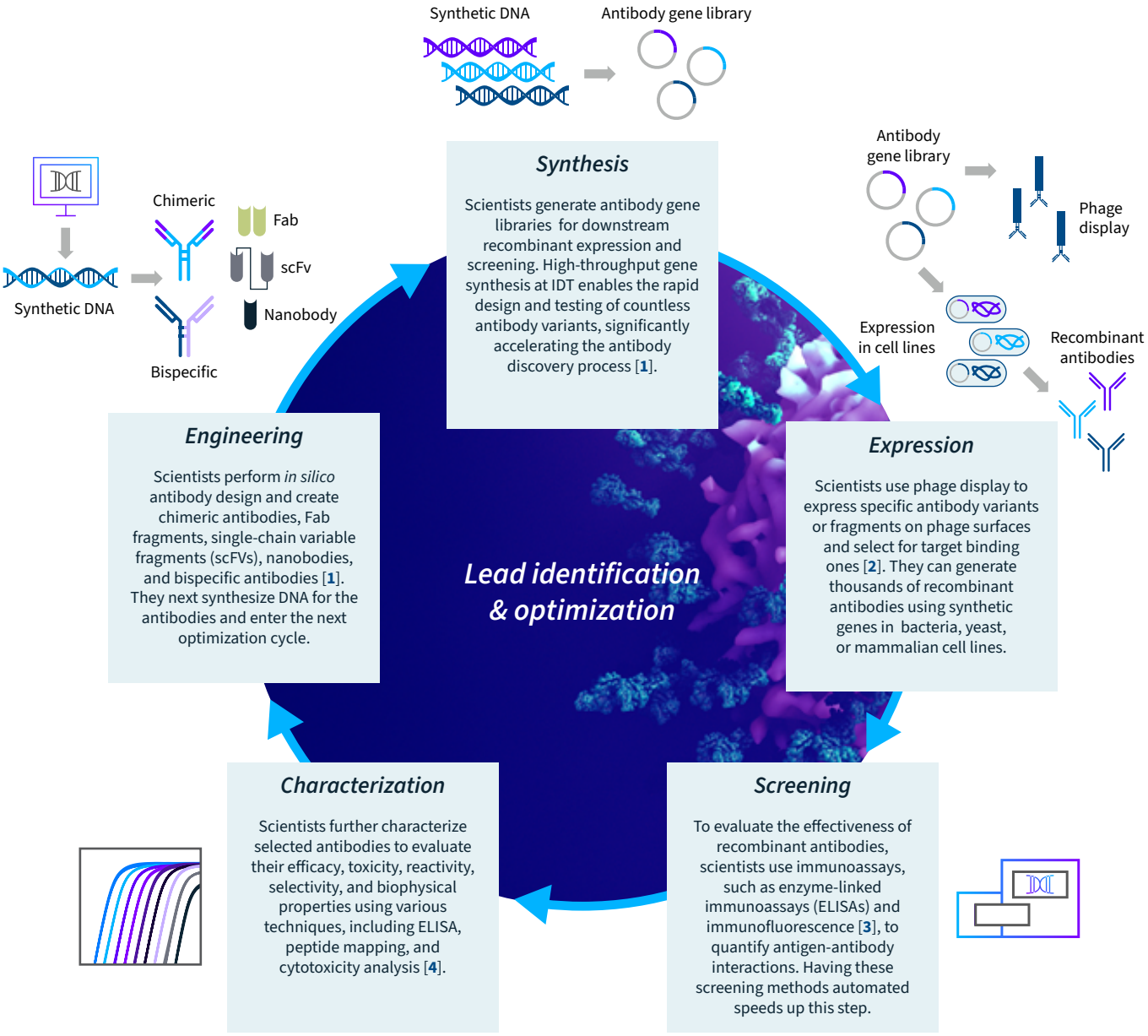
Speeding up the antibody discovery cycle with synthetic biology

During antibody discovery, scientists identify and improve promising leads through iterative rounds of selection and optimization. High-throughput gene synthesis allows scientists to accelerate this process and create the best antibody candidates at an ever-increasing pace.



References

1. eBlocks Gene Fragments for antibody discovery & high-throughput screening | IDT. Integrated DNA Technologies **https://www.idtdna.com/pages/products/genes-and-gene-fragments/double-stranded-dna-fragments/eblocks-gene-fragments**.
2. Lu RM, Hwang YC, Liu IJ, *et al*. **Development of therapeutic antibodies for the treatment of diseases**. J Biomed Sci. 2020;27(1):1.
3. Sun H, Hu N, Wang J. **Application of microfluidic technology in antibody screening**. Biotechnol J. 2022;17(8):e2100623.
4. Saeed AF, Wang R, Ling S, *et al*. **Antibody engineering for pursuing a healthier future**. Front Microbiol. 2017;8:495.