

Do you need an antibody?

We can produce your target proteins to generate your antibodies:

- *In vitro*, microbial, mammalian
- Recombinant or Monoclonal: Mouse, Rat, Rabbit
- Fully Human Antibodies
- Assay Development: FACS, ELISA, *in vivo* assays
- Functional Characterization Epitope Mapping, Neutralization, BiaCore™, ADCC, CDC
- Stable Production Cell Lines

You own your antibodies. You own your clones. You own your cell lines.

About Us

BioAtla, LLC is a global, biology outsourcing services provider based in San Diego, CA with operations in San Diego, New York, Beijing and expanding in 2011. We are a pioneer in BioAcceleration™ – using a global infrastructure to deliver cost-efficient access to state-of-the art technologies and services, maximizing antibody and other protein product development opportunities for our client partners.

Powerful & Fast

BioAtla's proprietary CPE™ and CPS™ processes are the fastest, most comprehensive *in vitro* evolution technologies available today. These technologies are capable of generating antibodies with sub-picomolar binding affinity, humanized antibodies and proteins with improved pharmacokinetics and enhanced stability. The high through-put capabilities of BioAtla's technologies are best illustrated by the antibody humanization program which requires less than 3 months to complete humanization of a full-length antibody molecule by screening in mammalian cells, achieving binding affinities equivalent to the parent antibody's binding affinities.

Global Efficiency

BioAtla's strategic advantage is the unique combination of a U.S. organization using a global infrastructure to assemble an experienced multi-disciplinary team with leading technologies to provide powerful cost-effective solutions in life science.

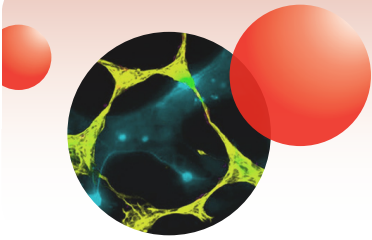
Intellectual Property Expertise

BioAtla routinely analyzes the intellectual property landscape related to the services we provide and the technologies we employ. BioAtla has expertise in intellectual property covering or relating to Assays, Compositions, Manufacturing technologies, Targets, Methods of discovery, Methods of evolution, Confidential information and Trade secrets.

Commitment To Excellence

As a company, BioAtla strives for excellence in all its business. We continuously advance our technologies to maintain leadership in our field, therapeutic protein services.





Do you have an antibody?

Do you need to improve: Affinity, Effector Function, Solubility, Stability, Pharmacokinetics?

HUMANIZE or make a **FULLY HUMAN** Antibody?

Protect and **strengthen** your **IP position**?

Customized business terms which could include **eliminating** License Fees **and** Royalties?

Work with a company who doesn't compete **with you with** antibodies **of their own**?

Comprehensive Positional Evolution (CPE)[™]

BioAtla's CPE[™] platform enables the comprehensive mapping of the *in vivo* effects of every individual codon change within the protein for all 63 potential codon changes at each position within the protein (see figure to the right).

Synergy Evolution[™]

Synergy Evolution[™] is the BioAtla's patent pending evolution strategy designed to identify and engineer improvements in protein function that result from multiple simultaneous changes. This technology is particularly suited for evolving proteins with high assay variability, engineering complex substrate specificity changes and other protein improvements intractable by standard single amino acid protein evolution strategies.

FlexEvolution[™]

We employ our patent pending FlexEvolution approach to modify protein characteristics such as solubility, aggregation, immunogenicity, glycosylation design and pharmacokinetics that are refractive to traditional approaches.

Combinatorial Protein Synthesis (CPS)[™]

CPS[™] allows the subsequent generation and *in vivo* selection of all permutations of improved individual codons for identification of the optimal combination or set of codon changes within a protein or antibody.

ATLab[™] Evolution & Engineering Services

BioAtla's proprietary ATLab[™] Antibody Evolution and Engineering Service provides a broad range of state-of-the art antibody technologies, including antibody humanization and optimization, production cell line optimization, and assay development for cellular and humoral immune responses *in vitro* and *in vivo*.

ProATLA[™] Evolution & Engineering Services

BioAtla's ProATLA[™] – Protein Evolution and Engineering Services extend beyond antibodies and provide a broad range of services in state-of-the art directed evolution and protein expression technologies, including comprehensive mutagenesis, combinatorial protein synthesis, protein expression optimization and bioassay development. Our team of scientists have extensive experience in molecular evolution and protein engineering, with a proven track record of delivery and success. Inquire about Multidimensional Epitope Mapping.

