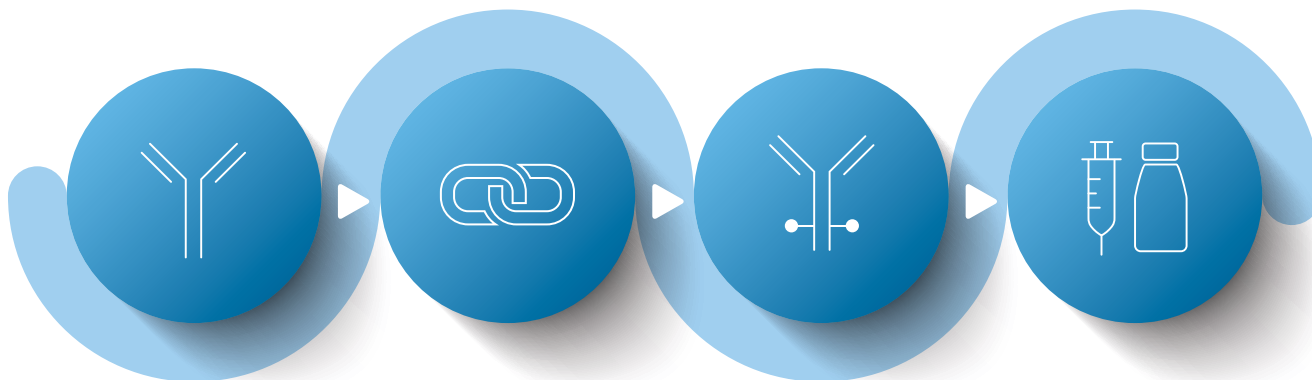


BIOCONJUGATION

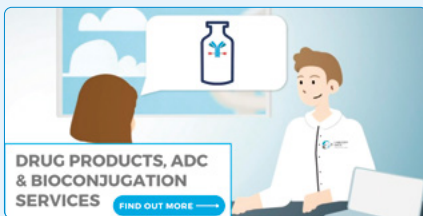
Integrated ADC & Bioconjugation Services – from Chemistry to GMP Drug Product



Your Trusted Partner for Bioconjugation

BIOCONJUGATES REQUIRE PRECISE CHEMISTRY, ROBUST PROCESSES, AND UNCOMPROMISING QUALITY.

CARBOGEN AMCIS combines decades of expertise in highly potent compounds and bioconjugation to support XDC innovators from early development to GMP manufacturing.



CARBOGEN AMCIS specializes in XDC strategies, providing expertise in every aspect.

[Watch our video.](#)

CARBOGEN AMCIS Bioconjugation Expertise

Pioneers in the highly potent landscape for decades, CARBOGEN AMCIS has been actively involved in ADC and Bioconjugation projects since 2005. We have successfully supported a wide range of customers, from emerging biotech companies to global pharmaceutical organizations, with tailored bioconjugation solutions.

Our integrated capabilities cover payload and linker chemistry, XDC conjugation, purification, analytical development, and sterile drug product manufacturing. Every program is designed with flexibility in mind, adapting to your scientific objectives, development stage, and budget, while ensuring the highest standards of safety, quality, and regulatory compliance.



Why CARBOGEN AMCIS?



Drug-linker

cGMP process development and manufacture of Warheads & Linkers (OEL < 0.01 $\mu\text{g}/\text{m}^3$)



Purification

State-of-the-art purification technologies



Conjugation

cGMP Conjugation from biologics to small molecules*



Dedicated Team

A multi-disciplinary and extensively experienced team



Analytical

Outstanding analytical capabilities



Fill & Finish

Fill-&-Finish capabilities



Clean Room

Clean Room fully qualified for cGMP manufacturing dedicated to bio-conjugation



Support

Regulatory and CMC support

*Including (bio)polymers, peptides, oligosaccharides, oligonucleotides, nanoparticles, biotin and dyes.



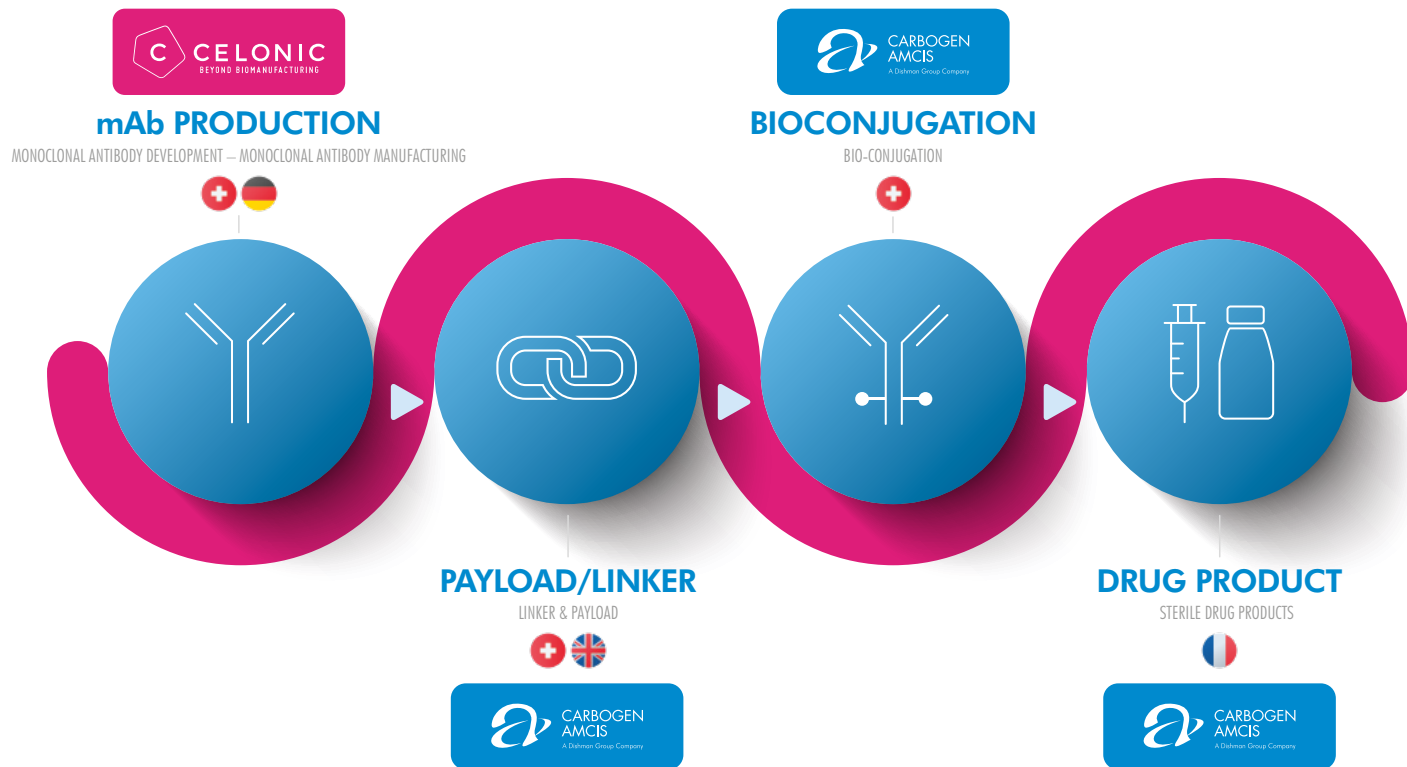
EXPERTISE – AGILITY – COLLABORATION

A Strategic Partnership to Accelerate ADC and Bioconjugation Development

CARBOGEN AMCIS has established a strategic partnership with Celonic, a leading biologics CDMO, strengthening its bioconjugation offering.

This collaboration integrates monoclonal antibody development and manufacturing with payload synthesis, conjugation, and sterile fill-finish, reducing interfaces and accelerating timelines for XDC innovators.

Your Integrated ADC and Bioconjugation Journey: Overview





KEY BENEFITS

- Integrated, end-to-end project leadership
- Simplified client interface
- Faster development timelines
- Flexible and agile execution
- Proven Bioconjugation expertise

Your Integrated ADC and Bioconjugation Journey: Details

mAb Development and Production



Monoclonal Antibody Development

Basel, Switzerland

Development Services:

- Cell Line Development
- Process Development / Optimization
- Method Development
- Non-GMP Pilot scale manufacturing
- Next Generation Technologies



Monoclonal Antibody Manufacturing

Heidelberg, Germany

Multi-Product GMP Small-Scale Facility:

- 200 L SUB
- 1000 L SUB
- Fed-batch/N-1 Perfusion/Full Perfusion

Multi-Product GMP Mid-Scale Facility:

- 6 × 2000 L SUB
- Fed-batch/N-1 Perfusion



Payload/Linker



Switzerland/UK

- Non-GMP Starting Materials and Intermediates for Payload and Linkers at Manchester (UK) site
- Highly Potent Linker Payload Development & Manufacture in Switzerland
- Can handle up to Cat. 4+ down to OEL <10ng/m³
- Experience with many different payloads and linker technology
- Production of Commercial linker and payload



Bioconjugation



Switzerland

- Clean room suites fully qualified for cGMP manufacturing dedicated to bioconjugation in Bubendorf
- Up to 200 L batch sizes and further capacity expansion in planning
- Full analytical support
- Purification - SU TFF and AKTA Chromatography
- Stability studies



Sterile Drug Product



France

- New Annex 1 compliant facility dedicated to the manufacture of injectable drug products in liquid and lyophilized forms.
- High Potency Cat. 4+
- Development laboratory, Quality Control and Microbiological laboratory in-house
- From pre-clinical to commercial supply in the same facility
- Full analytical support
- Batch release by in-house QP and dedicated regulatory support as required.
- Stability studies





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