

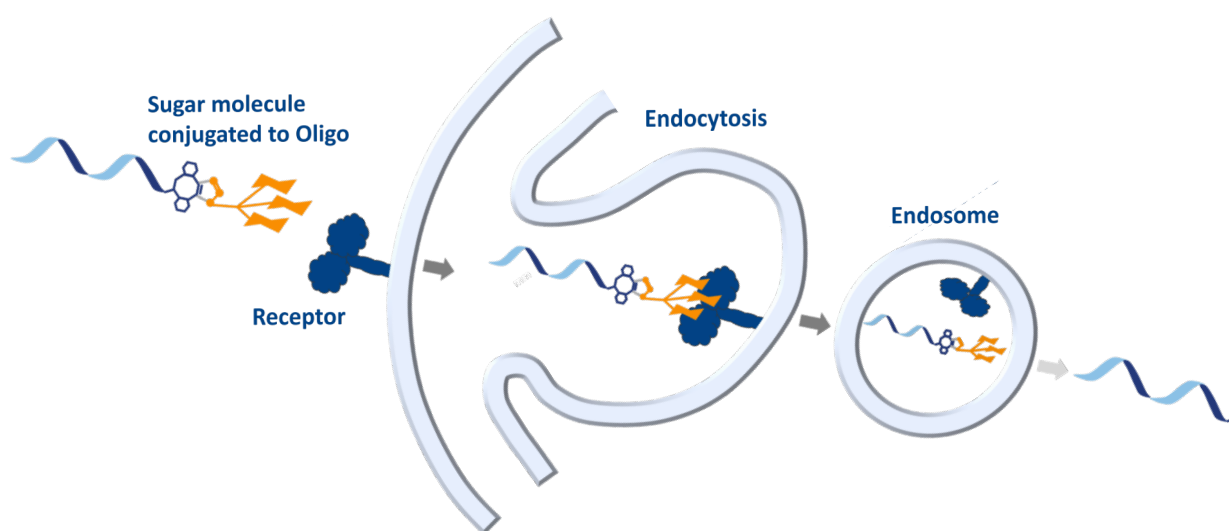
Click Chemistry

For Targeted Oligo Therapeutics

metabion

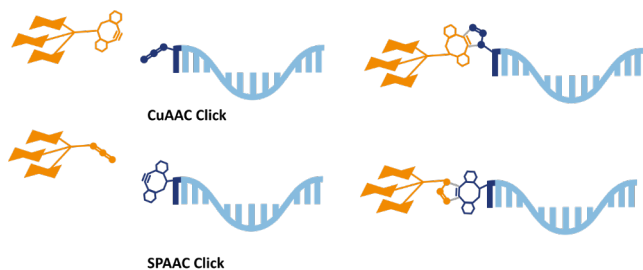
Strategic cooperation between metabion and baseclick

metabion, a market leader in high-quality custom oligonucleotide synthesis, and baseclick GmbH, a recognized expert in click-chemistry services, are pleased to announce a strategic collaboration to advance the synthesis of therapeutic oligonucleotides with proprietary clickable modifications for precise targeting to the right tissues and organs.

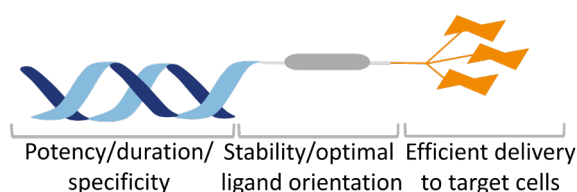


Sugar modifications enable receptor-specific binding on the target organ, facilitating cellular uptake via receptor-mediated endocytosis

As demand grows for precisely functionalized oligonucleotide therapeutics, drug developers require seamless integration of high-quality oligo synthesis and robust click-chemistry conjugation. By combining metabion's expertise in oligosynthesis with baseclick's advanced capabilities in click-chemistry, this collaboration delivers a streamlined, end-to-end solution for the development of next-generation targeted therapeutic oligos.



Chemical modifications can be conjugated to the oligonucleotide using copper-catalyzed (CuAAC) or strain-promoted azide-alkyne cycloaddition (SPAAC) click chemistry.



Incorporation of a linker can enhance molecular stability and promote optimal spatial orientation of the ligand.

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Integrated Workflow for Click-Functionalized Oligos

Through this partnership, customers benefit from:

- High-purity oligonucleotide synthesis by metabion, optimized for click-compatible modifications to enable specific targeting
- Reliable incorporation of site-specific clickable handles
- Efficient and scalable click-chemistry conjugation services
- Flexible pathways from research-grade for preclinical studies to advanced development projects for further clinical trials
- Coordinated technical support across both companies

This integrated approach reduces complexity, shortens development timelines, and ensures consistent quality throughout the synthesis and modification process.

Simplified Ordering and Direct Access

To streamline project initiation, customers can:

- Prepare custom synthesis requests directly via an order form you can find on our website
- Send the order form to sales@metabion.com
- Or: Submit the order form in the baseclick webshop

Learn more



Together, we provide a connected, customer-focused pathway from oligonucleotide synthesis to advanced click-functionalized therapeutic constructs.

For project discussions or technical inquiries, our scientific teams are available to support you in your endeavours to develop your therapeutic strategies.

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baseclick
DNA & RNA EXPERTS

All your orders are supported by our team of highly qualified scientists!

metabion – Quality to Trust