



CARBOHYDE
REVOLUTION OF
CYCLODEXTRINS

Cyclodextrins

***Tomorrow's Solutions Today
with Cyclodextrins***



Our Company

About CarboHyde

CarboHyde is a private company, specialized in CYCLODEXTRINS.

We are a group of passionate cyclodextrins-lovers who realized that there is a need for targeted industrial experience on advancing and broadening innovative projects.

The company has a solid pipeline of some moonshot applications including gene therapy and NCE development, yet also supports other companies and groups who seek cyclodextrin expertise.





The Revolution of Cyclodextrins

Vision

To become the world's leading driver of cyclodextrin-based therapeutics and technologies

Mission

We participate in cyclodextrin-based innovative projects across various industries

We provide unique cyclodextrins for research

We train and educate about cyclodextrins

We tirelessly look for novel applications where cyclodextrins could disrupt paradigms

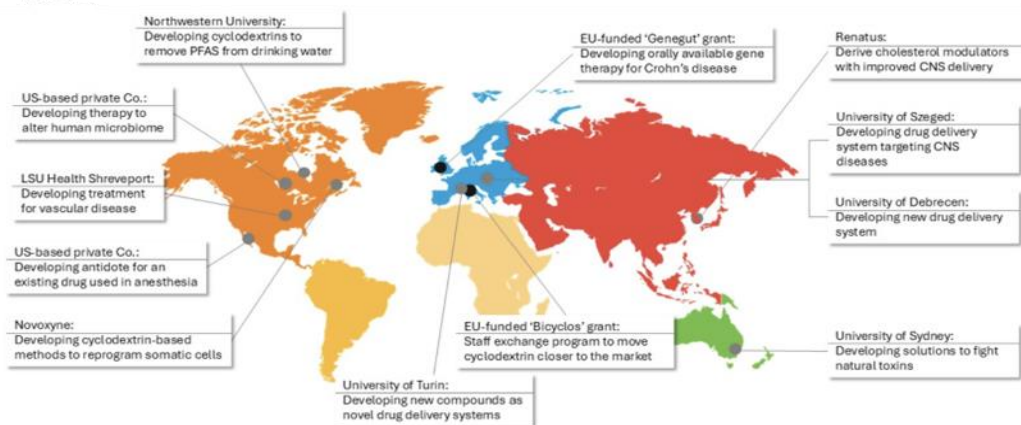


4 Pillars

Pipeline



Contracts



Grants & Research



Science communication



Carbohydrate Chronicles



CARBOHYDE CYCLODEXTRIN MASTERCLASS IV





CarboHyde in numbers

Founded: 2022

HQ: Budapest, HU

Employees: 15

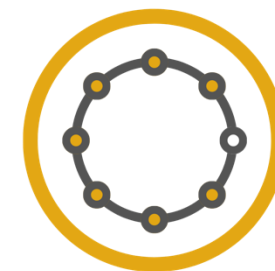
**CD expertise: 60
years**

Projects: ~30/yr

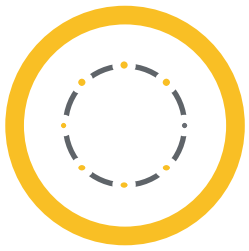
Grants: 7 ongoing

Partners: 250+

Revenue: +30%/yr



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Our CRO Pillars

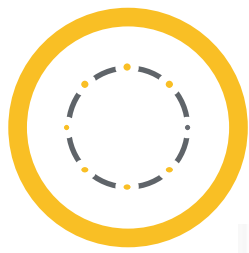
CarboHyde

Synthesis

Formulation

Analytical

- Custom CDs and **scale-up**
 - 30+ CD variants
 - Polymers **synthesis**
- CD enhanced **solubility** and **stability**, etc.
 - Pre-formulation development
- Advanced **characterisation**
 - Complexation and impurity profiling

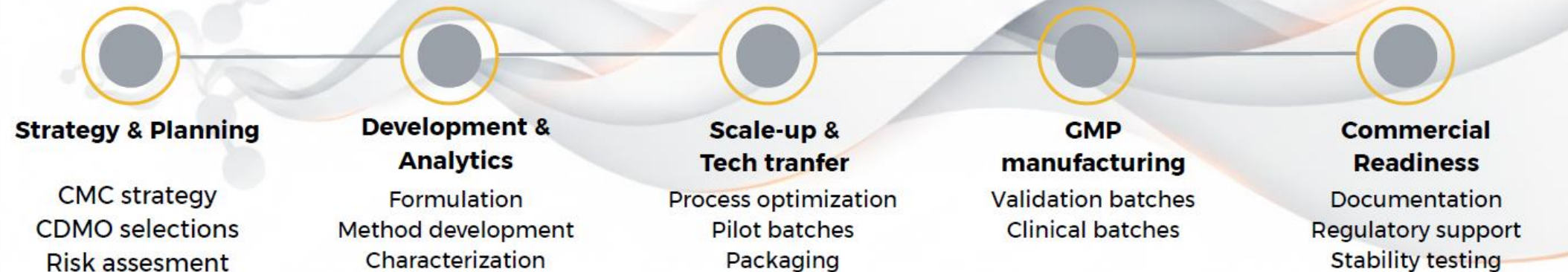
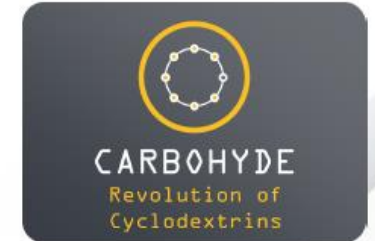


CDMO beyond cyclodextrins

From lab bench to industrial manufacturing

CDMO Project Management & CMC Services

One partner. One plan. Full control



Why clients work with us



Faster development
timelines



Controlled cost and
scope



Scientificallly
grounded decisions



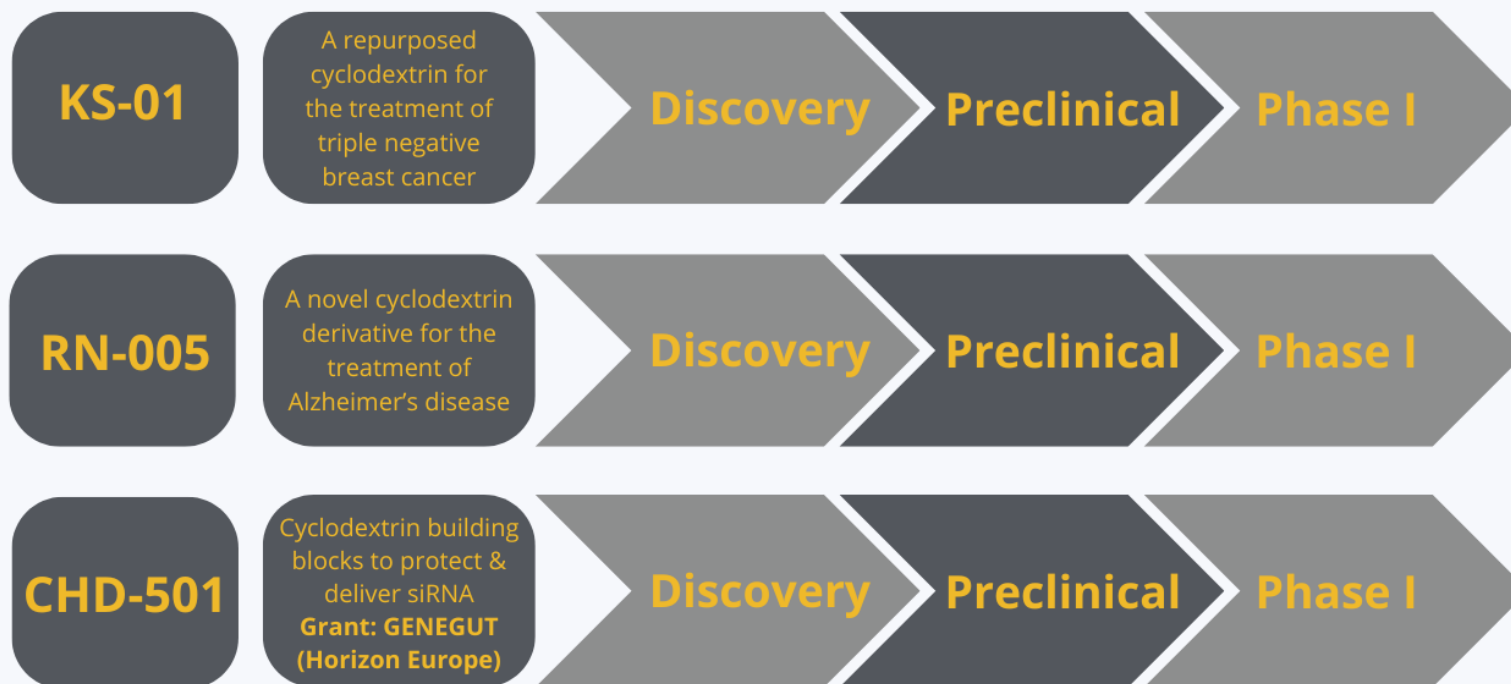
Audit- and authority
-ready process



PHARMA PIPELINE

Preclinical programs & strategic partners

Partners

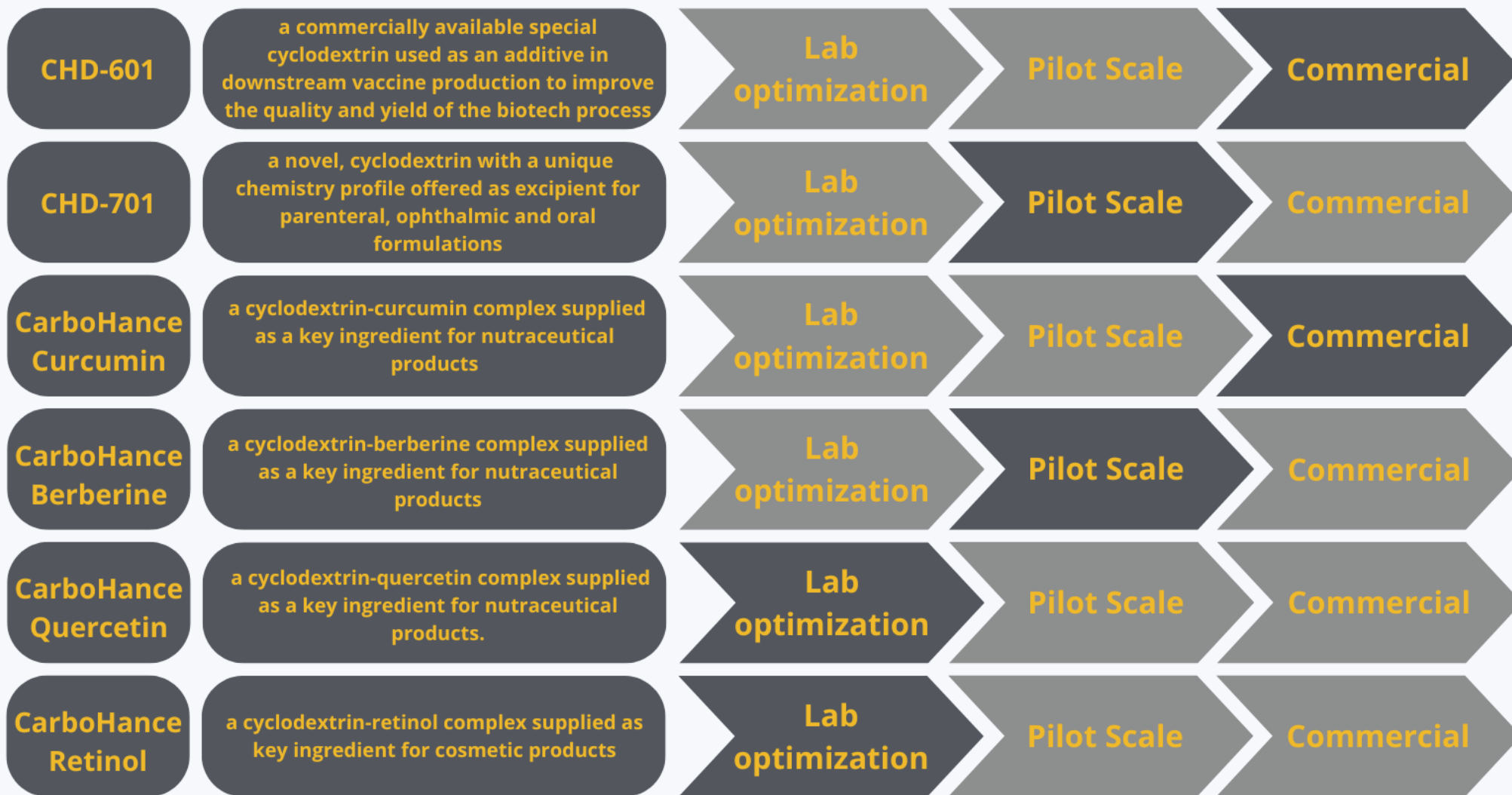


Target Innovations

- KS-01: a repurposed cyclodextrin for the treatment of triple negative breast cancer
- RN-005: a novel cyclodextrin derivative for the treatment of Alzheimer's disease
- CHD-501: nanoparticles or cyclodextrin building blocks to protect and deliver siRNA and other oligonucleotides to cells under 'GENEGUT,' a Horizon Europe-funded project



Products in development



Applications

- CHD-601: a commercially available special cyclodextrin used as additive in downstream vaccine production to improve the quality and yield of the biotech process
- CHD-701: a novel, cyclodextrin with unique chemistry profile offered as an excipient for parenteral, ophthalmic and oral formulations.



Thank you!

Take Home Message

- Cyclodextrin-based discoveries are advancing, and new applications emerge every day
- The expertise in this challenging field is rare
- There are several unmet medical conditions where these compounds mean the only hope
- and CarboHyde has been created to provide it

Key values

- Cyclodextrin knowledge
- Professionalism
- Passion
- Flexibility
- Joy

Contacts

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For any questions:

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