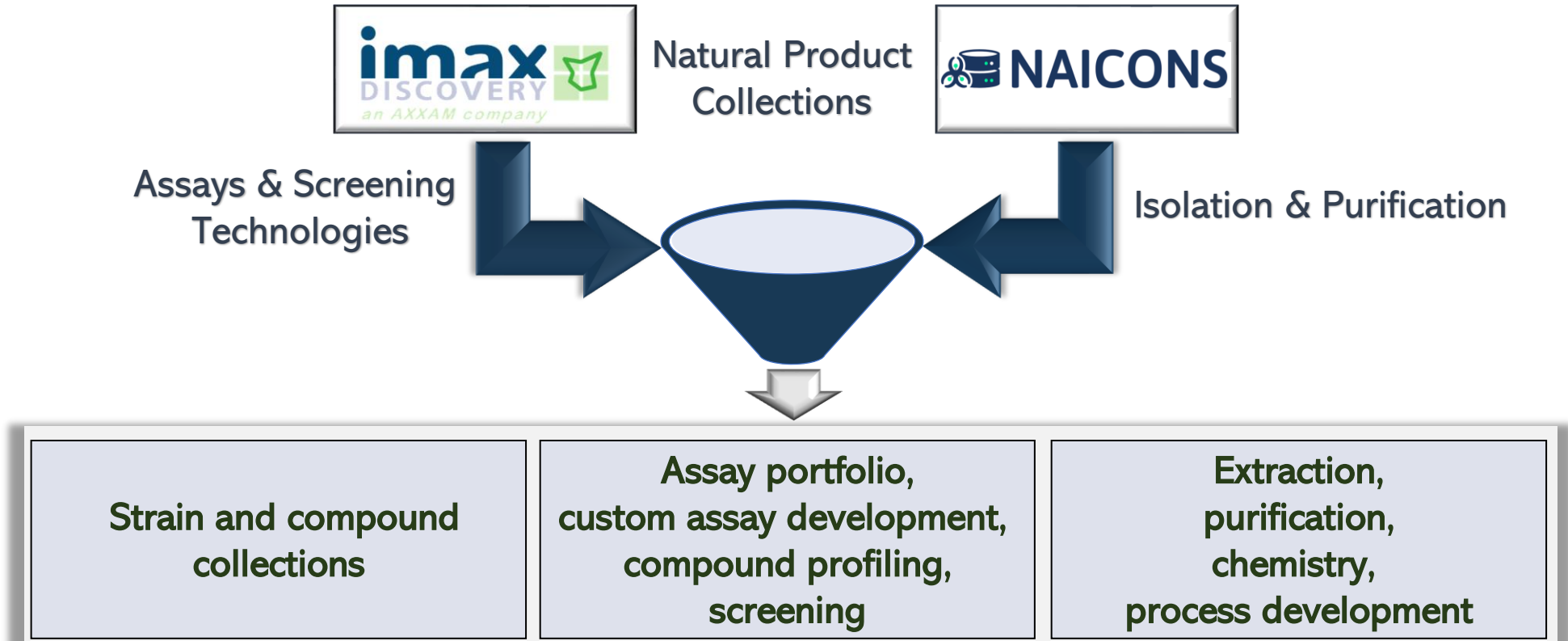




**Innovative solutions
inspired by Nature**

Strong technology core for hit identification & development



Food & Beverage



Human & Animal Health



Fragrance & Cosmetics



Crop Protection



Microbial strains

~ 90.000 strains



Genomic DNAs

from 25.000 strains



Extracts library

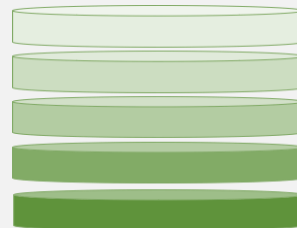
~ 38.000 samples from bacteria, fungi, plants, edible plants/fungi



PreFrac library

~ 63.000 samples from microbial strains

Core assets



Bioprofiling database

- biological data on pure compounds and extracts / fractions
- correlation of chemical structures with biological activity

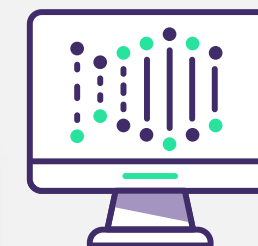
NatPure library

~ 15.000 pure compounds



Metabolite fingerprints

from 16.000 extracts



High Throughput Screening



- Luminescence (flash, glow)
- Fluorescence (intensity, FP, TR-FRET)
- Absorbance and other (e.g. AlphaScreen)
- TaqMan
- HTS
- Radiometric screening

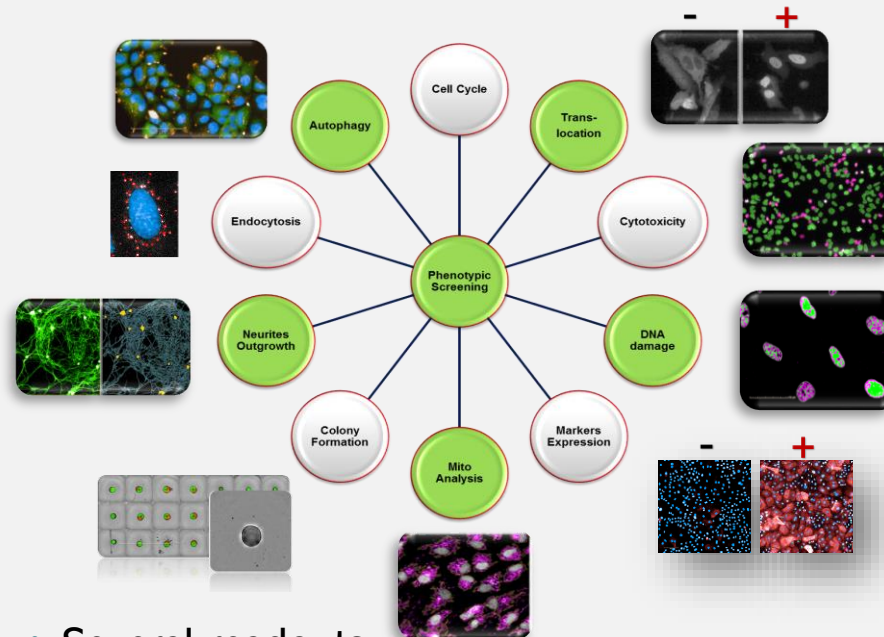
Technology platforms

NP Chemistry & Scale-up

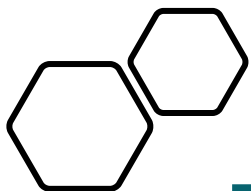


- LC-MS
- HPLCs & MPLCs
- NMR
- Rotary incubators
- Fermentors up to 15 L scale

High Content Screening



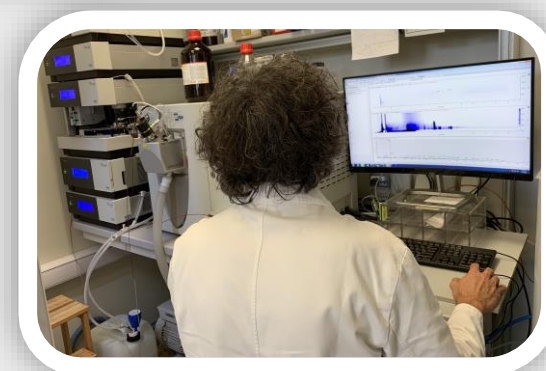
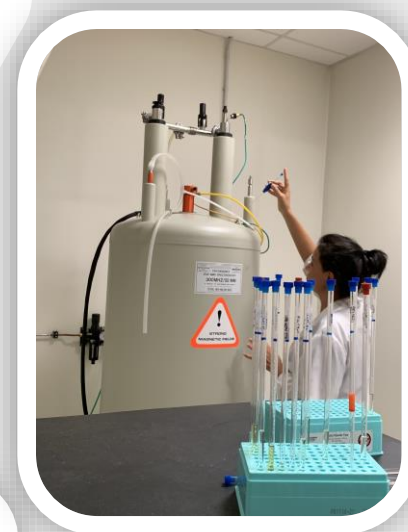
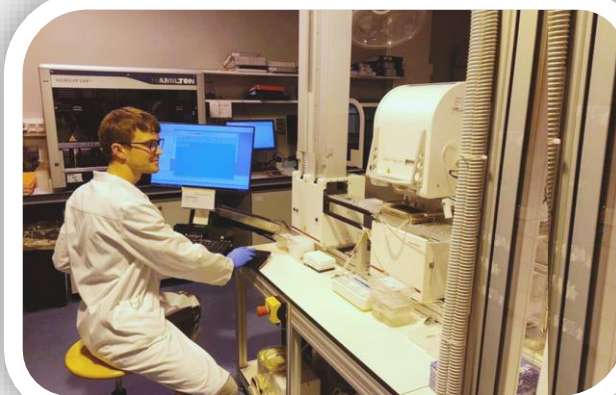
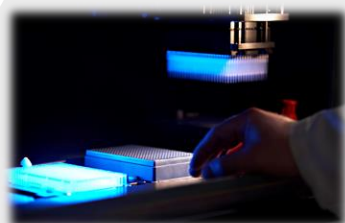
- Several readouts
- Multiparameter
- Customizable

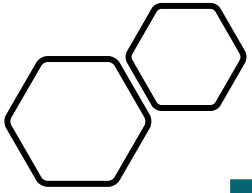


Technical skills

We are an experienced team with expertise in:

- Strain isolation, cultivation and manipulation
- Natural product chemistry; semi-synthesis
- Genomics and metabolomics
- Process development
- Master Cell Bank preparation
- Functional assay development, optimized for compound testing
- High Throughput Screening and High Content Screening

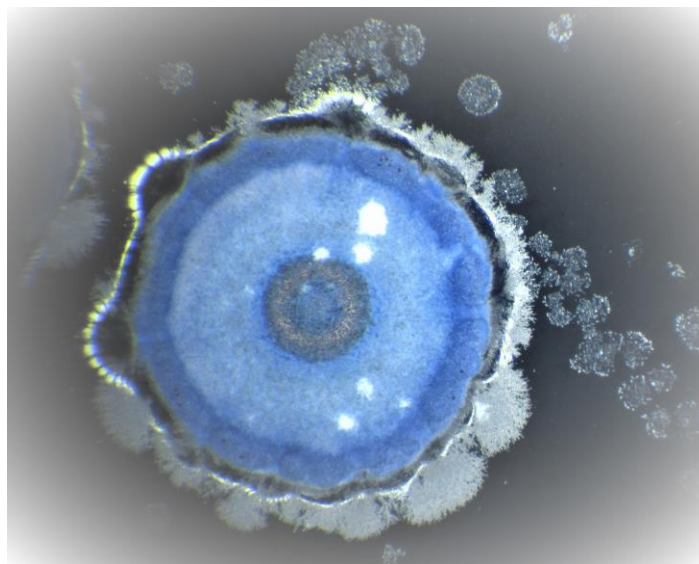




Business model

- Flexible business model and service agreements to meet customers' needs
- Partnership agreements for full discovery and development programs
- Licensing opportunities in different fields:
 - ✓ Human and Animal Health
 - ✓ Crop Protection
 - ✓ Food & Flavors
 - ✓ Cosmetics





Further Information

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