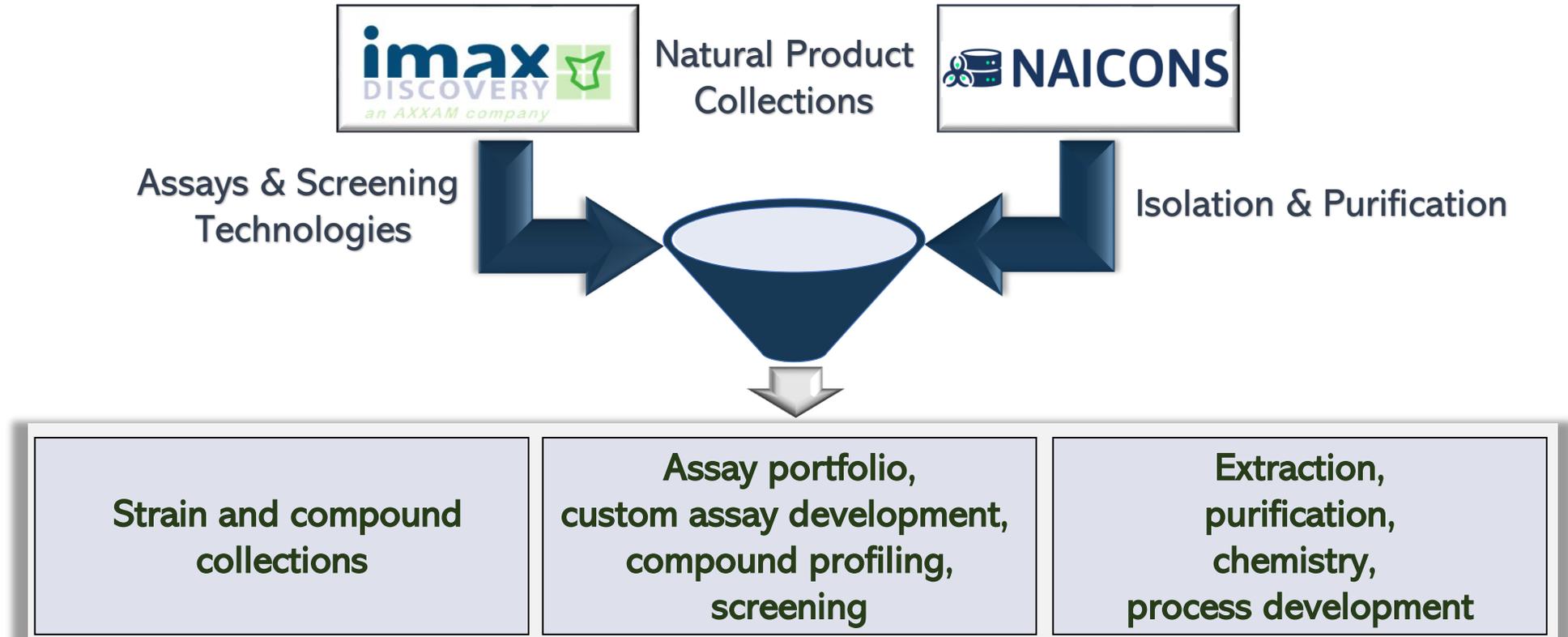


**Innovative solutions  
inspired by Nature**

# Strong technology core for hit identification & development



*Food & Beverage*



*Human & Animal Health*



*Fragrance & Cosmetics*



*Crop Protection*



## Microbial strains

~ 90.000 strains



## Genomic DNAs

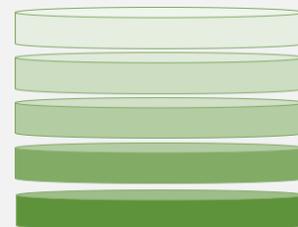
from 25.000 strains



# Core assets

## NatPure library

~ 15.000 pure compounds



## Bioprofiling database

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

## Extracts library

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



## PreFrac library

~ 63.000 samples from microbial strains



## 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

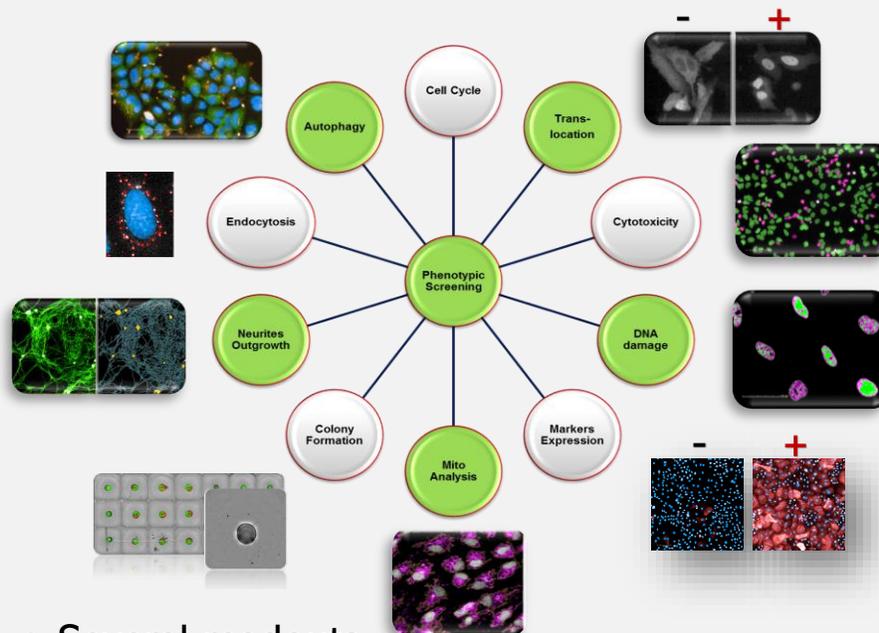
# Technology platforms

## NP Chemistry & Scale-up

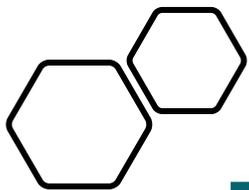


- LC-MS
- HPLCs & MPLCs
- NMR
- Rotary incubators
- Fermentors up to 15 L scale

## High Content Screening



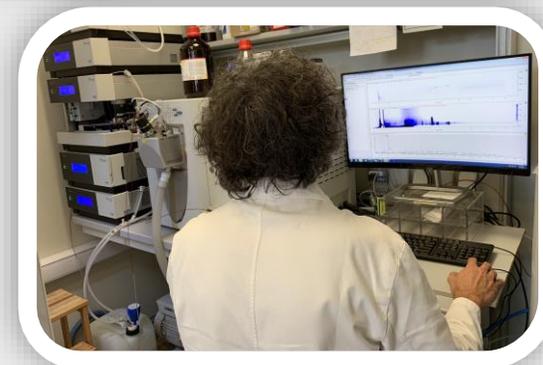
- Several readouts
- Multiparameter
- Customizable

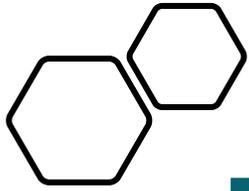


# Technical skills

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

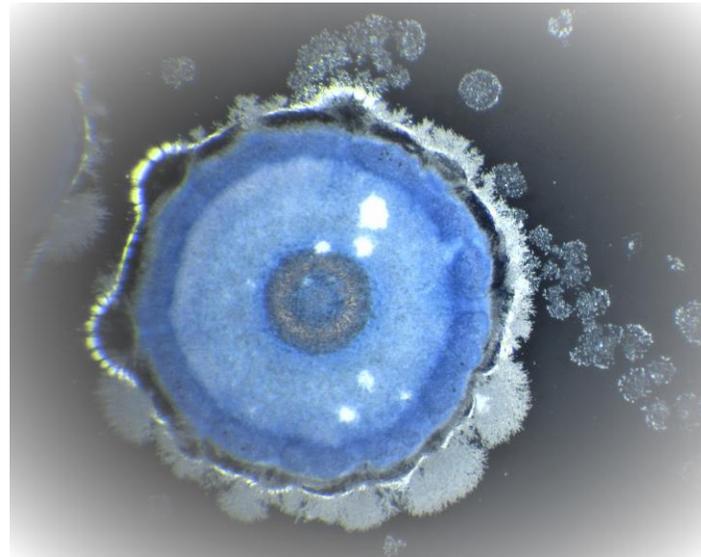




# Business model

- 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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