

GenoScreen

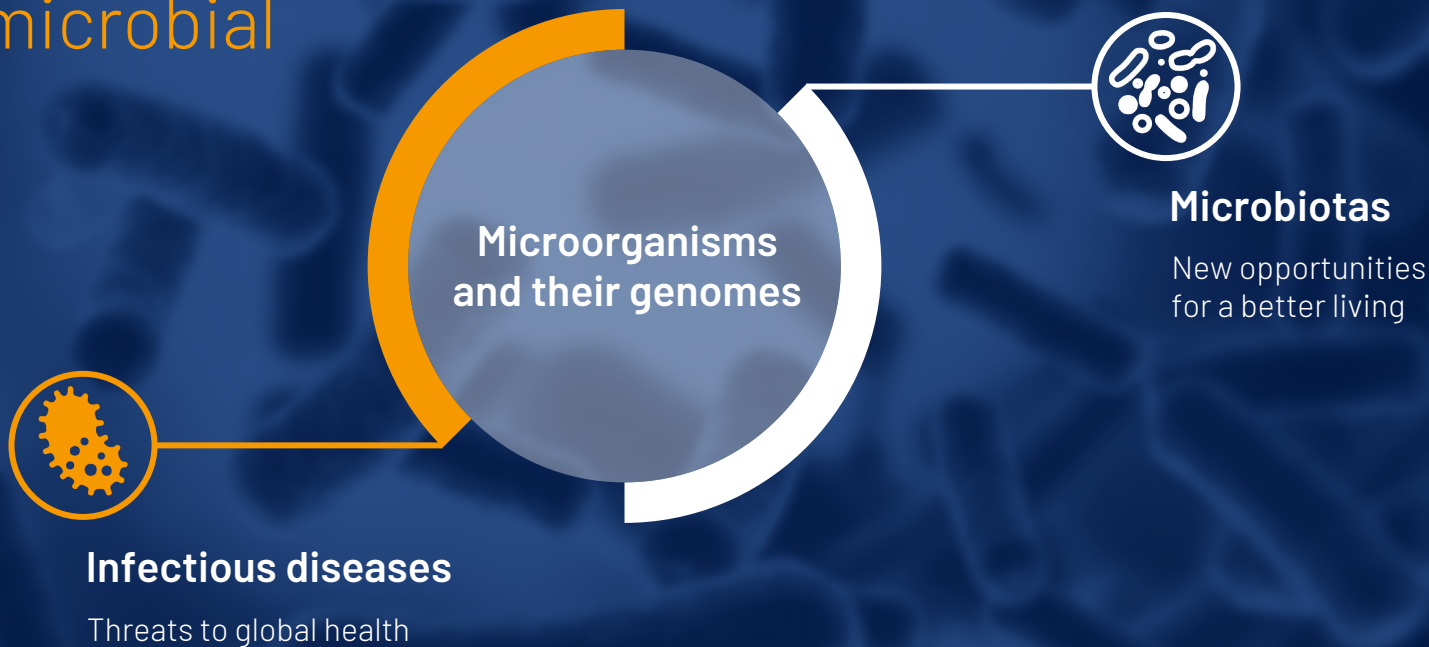
Analyze | Understand | Reveal

Adebiotech Campus

Biocitech Romainville – 16 janvier 2024



The 21st century will be microbial



Microbiota (r)evolution

We care about
each microbial ecosystem

Gut Microbiota



10+ years of extensive research (still ongoing)

New **therapeutic applications**

Targeting / modulating this complex ecosystem

Other Microbiota



Human (skin, uro-genital, pulmonary, ...), **Animal** (livestock, pet), **Environmental** (soil, plant)

Numerous **unmet needs**

Much **less knowledge and expertise** about their composition(s), function(s), MoA(s), etc.

Our aim



Identify and monitor **biomarkers dysbiosis** for any given microbiota

Develop **cutting-edge tools** to reveal the **microbiotas' features** in their environment

Genomic tools to fight infectious diseases

Needs for cutting edge IVD solutions

Resurgence of infectious diseases



Microbial pandemics in the past 20y. (eg. COVID)

Major **bacterial** threats to global health **as well**

Tuberculosis: 1,6 million death in 2021 (WHO)

Drug resistance



Infectious diseases **thought to be a problem of the past** with the advent of antibiotics

Perilous rise of **(multi)drug resistance (MDR)**

Critical threats that must be tackled to avoid imminent disasters

Our aim



Counter spread of **MDR infectious diseases**

Providing **innovative** weapons in the war against microbial infectious diseases and develop tools to **counter antibiotic resistance**.

A leader in Genomics & Bioinformatics

Pioneer of genome and metagenome analysis



20+ years of expertise
in molecular microbiology



40 employees
25% are PhDs



30% of turnover reinvested in R&D
to sustain continuous innovation



Over 50 countries
Represented by our customer



400 active clients
100+ private companies

GenoScreen

R&D Incubator

Products and Apps
development
Translate science into
business solutions

G2S BU Genomic Solutions & Services

Diagnostic solutions
for microbiome studies



Genomic Services

Technical platform
Core expertise

IVD BU In Vitro Diagnostic

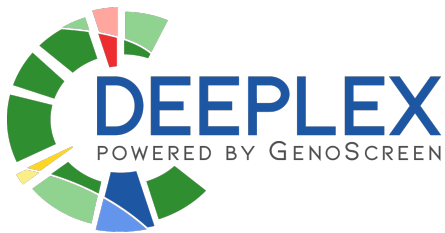
Tools to fight drug resistance of
infectious diseases



Analyse microbial genomes

Understand their functions and interactions

Reveal their impact on global health (human, animal, environment)



Infectious diseases
Antibioresistance IVD

Deeplex® Myc-TB ⇒ Tuberculosis

Deeplex® Myc-Lep ⇒ Leprosy

Deeplex® Help ⇒ *Helicobacter pylori* infections
(gastric ulcers & cancers)



Diagnostic solutions
for microbiomes

GenoBiome Skin
Skin centered analysis



GenoBiome Gut
Clinical studies for
Gut microbiome



GenoBiome Soil
Biomarkers for soil health



GenoScreen

The logo for GenoScreen features a stylized white DNA double helix structure. The helix is composed of two curved lines representing the sugar-phosphate backbones, connected by horizontal rungs representing the nitrogenous base pairs. The helix is positioned between the words 'Geno' and 'Screen' in the company name.

Thank you
for your attention!