The hotspot for **Life Science Innovation, 10 reasons** why

The Netherlands, and especially this region, is a hotspot for Life Science Innovation. This Leiden - Delft - Rotterdam - region enjoys a combination of innovative academic institutions, pro-business government support and leading companies. It is home to **Medical Delta**, the largest Life Sciences, Health and Technology cluster in the Netherlands. We proudly present 10 reasons to invest and innovate in this region.

INNOVATION

1 WORLD CLASS LIFE SCIENCES HEALTH AND TECHNOLOGY CLUSTER

3 Renowned universities, 2 University Medical Centers, 400+ Innovative Companies, 3 dedicated Science Parks, 4 Life Sciences incubators/accelerators

2 ACCESS TO INNOVATIVE R&D IN 7 KEY AREAS

- Drug Development & Regenerative Medicine
- Genetics & Bio-informatics
- Imaging & Image Guided Medicine
- Minimally Invasive Interventions & Medical Devices
- Biomarkers & Diagnostics
- Vitality & Ageing
- Big Data & e-Health

70% of Dutch firms collaborate with foreign companies or universities

3 EXCELLENT ENVIRONMENT FOR CLINICAL STUDIES

Strong partners for clinical trials, further development and testing of new drugs

Centre for Human Drug Research, Leiden University Medical Center (LUMC), Erasmus Medical Center Rotterdam (Erasmus MC)

4 NUMBER ONE HEALTHCARE SYSTEM

The Dutch Healthcare System consistently ranks in the top three of the Euro Health Consumer Index and even took the number 1 position for the last three years (2012–2015)

5 LEADING BIOTECH AND MEDTECH COMPANIES IN THE CLUSTER

ThermoFisher SCIENTIFIC · 3M · astellas · DSM · BIOMARIN · Welch Allyn · janssen · Pfizer · Galápagos · TOSHIBA

TALENT & KNOWLEDGE

6 UNIVERSITIES AND MEDICAL CENTERS AMONG THE BEST IN EUROPE

1 Erasmus University Rotterdam:
#1 Business University in the Netherlands
#3 European university in Medical Science

5 Delft University of Technology:
European University in the field of engineering

1 Leiden University:
Dutch university in the field of Pharma

1 Erasmus Medical Center:
European institution in clinical medicine

7 ACCESS TO INTERNATIONAL TALENT

Total number of students in the region:

703 PhD's

24,069 MSc's

73,537 BSc's

33% non-Dutch PhD's

5 Universities of Applied Sciences

24,000 students in Medicine and Medical Technology disciplines

8 HOTSPOTS IN LEIDEN, DELFT AND ROTTERDAM

1. **Leiden Bio Science Park:** Biotech/Pharma, Translational drug discovery and development
2. **TU Delft Science Park:** Medical Technology (Devices, Instruments, Robotics), eHealth & Self-Management
3. **Rotterdam Science Tower:** eHealth, Virology, Diagnostics, Genomics

SUCCESS STORIES

9 TOP BIOTECH DEALS IN THE NETHERLANDS

Crucell € 1,75 bln, Johnson & Johnson

Uniqure € 2 bln, Bristol-Myers Squibb

Prosensa $ 840 mln, Biomarin

Dezima $ 1,55 bln, Amgen

10 HOME-GROWN INNOVATIONS

- **Quinvaxem®** (Crucell) first internationally available fully liquid vaccine that combines antigens for protection against the five childhood diseases
- **Remicade®** (Jansen Biologics) treatment of auto-immune diseases
- First breakthrough analysis of the **DNA sequence** of the **fungus Penicillium chrysogenum** (Royal DSM)
- **Drug eluting stent** to be placed in coronary arteries, releasing drugs very slowly to prevent fibrosis and clotting of the stent (Serruys / Erasmus MC)

CENTURIES OF EXPERIENCE.
AS A REAL-LIFE TESTING GROUND.