

# Healthy Start, the Best Future

*Novel scientific and social impact via  
innovative multidisciplinary  
approaches*

Erasmus MC  
University Medical Center Rotterdam  

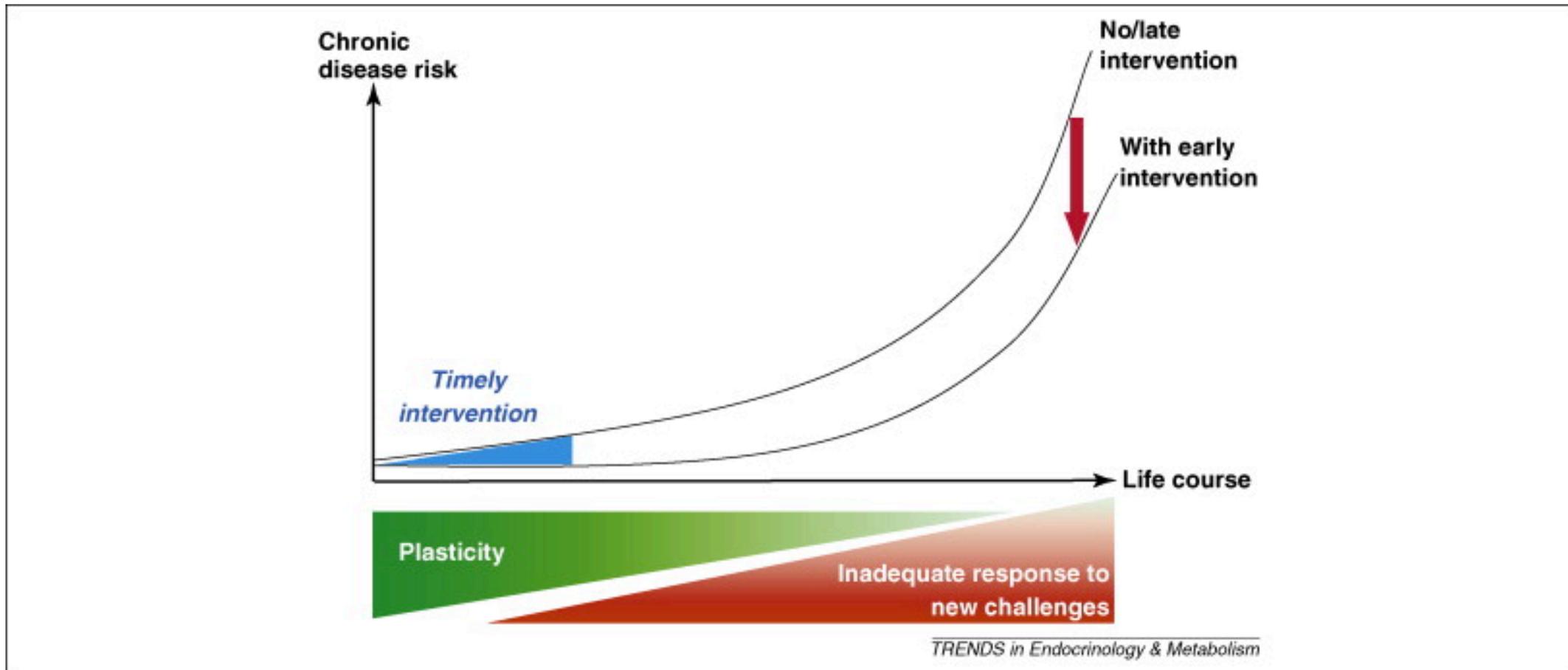

 TU Delft

Erasmus  
University  
Rotterdam  



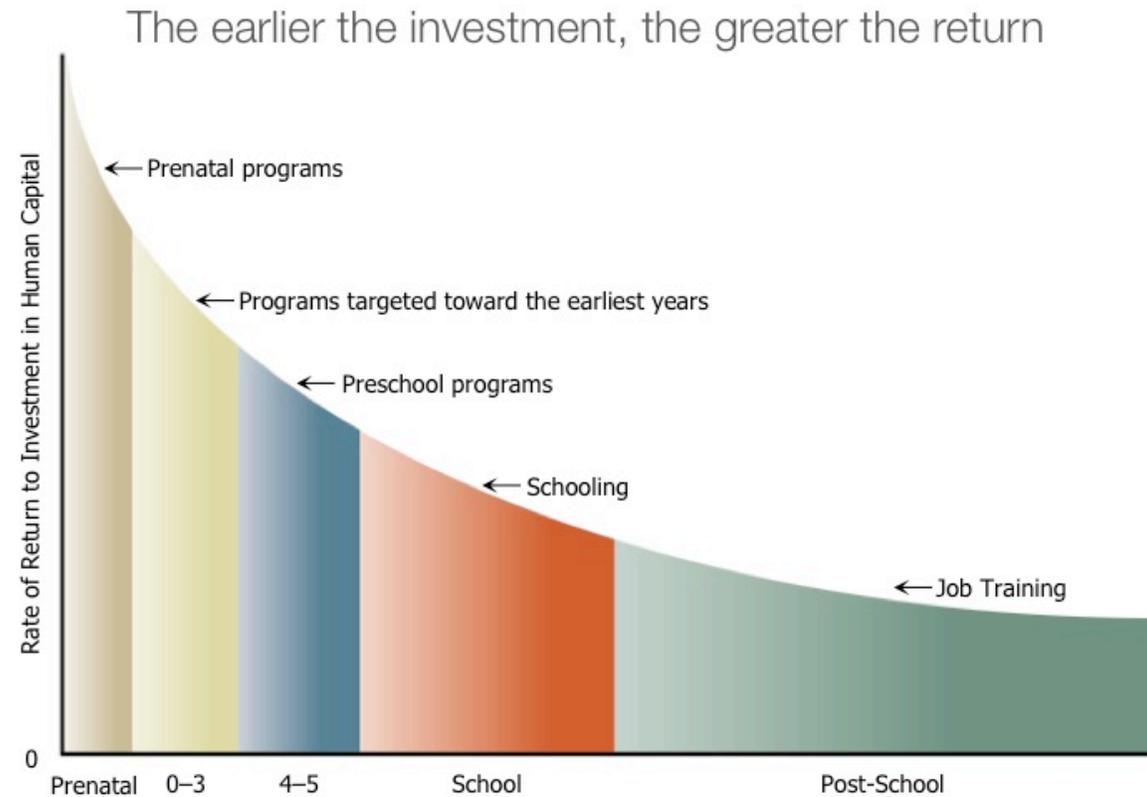

# Healthy Start

## Healthy Start, the Best Future



# Healthy Start

## Early life is a smart investment



Source: James Heckman, Nobel Laureate in Economics

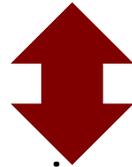


# Healthy Start

## Major scientific and societal challenges

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- Enormous **health disparities** from early life onwards
- Challenging **living environment**
- **Loss of talent** and opportunities
- Unused potential for **prevention strategies** promoting a healthy start



- Early-life **biological programming** of health, disease and wellbeing
- **Interaction** of genetic susceptibility and family and living environment
- Organ development from **conception to adulthood**
- Advanced analyses of large **population and patient data**

*Convergence creates ideal environment for innovative approaches to address these urgent challenges*





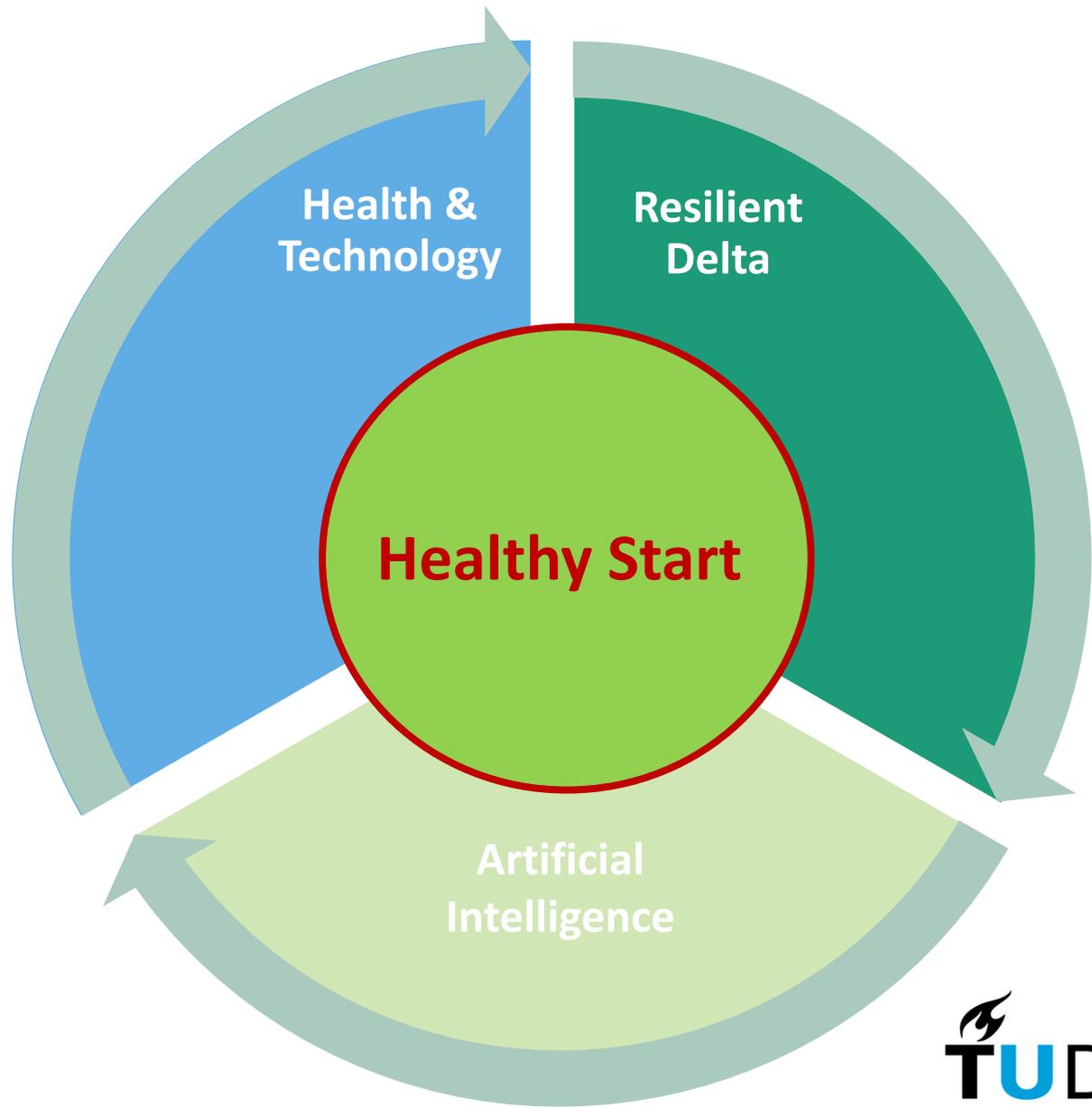
# Healthy Start

## Unique opportunity for Rotterdam-Delft Region

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**Optimize developmental opportunities for new generations by using innovative medical, social, behavioral and technical approaches**

- **Great potential for world leading research by multidisciplinary approaches**
  - Top research groups (>10 ERC grants)
  - World class infrastructures (Generation R, Healthy Pregnancy 4 All, SYNC Labs, ODDISSEI)
  - Research from cells to populations
  - Medical, social, psychological and technical sciences
  - Strong collaborations with local and national government
  - Sophia Children's Hospital as unique world class
  - Biomedical sciences





# Healthy Start

## Network for great research with impact

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- Network for innovative research across research infrastructures
- Attract and stimulate talents to work in this region
- Attractive for funding
- Seminars and courses for healthy start researchers
- Bottom up, inclusive and not restrictive

*Working group: Eveline Crone, Arie Franx, Vincent Jaddoe,  
Renske Keizer, Maaike Kleinsmann, Maarten Kroesen, Irwin Reiss*



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Erasmus University Medical Center

# Healthy Start

# Healthy Start

Kick off, June 15<sup>th</sup>

## Aims

- Know each other
- Starting point of network
- Collecting ideas for creating scientific and social impact
- Follow up meeting in October





# Healthy Start

## Program kick off, June 15<sup>th</sup>

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- 10.00 Introduction
- 10.10 Pitches scientific showcases by  
prof. Irwin Reis, prof. Renske Keizer and prof. Moniek Buijzen
- 10.30 Breakout rooms to assess next steps and  
central question:  
“how can we best let Healthy Start flourish  
within the 3 organizations of EUR, TUD, Erasmus MC?”
- 10.50 3 Pitches societal impact by postdocs/PhD’s and  
Prof. Manon Hillegers
- 11.15 Plenary Q&A
- 11.25 Closing
- 11.30 End