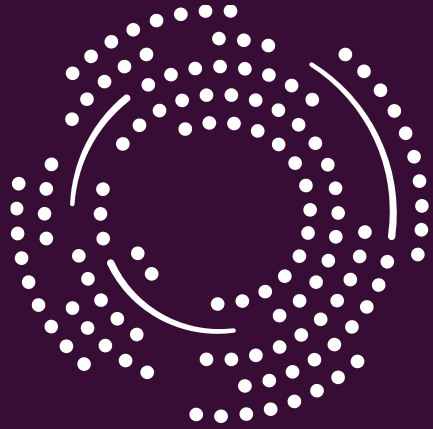




**Oncode
Institute**

*Outsmarting cancer
Impacting lives*

**Joining forces to outsmart
cancer & impact lives**

**Lygature Live, 19 March 2025
Chris De Jonghe, PhD**

A nationwide centre of excellence, uniting > 800 researchers



Ministerie van Onderwijs, Cultuur en Wetenschap



Ministerie van Volksgezondheid, Welzijn en Sport



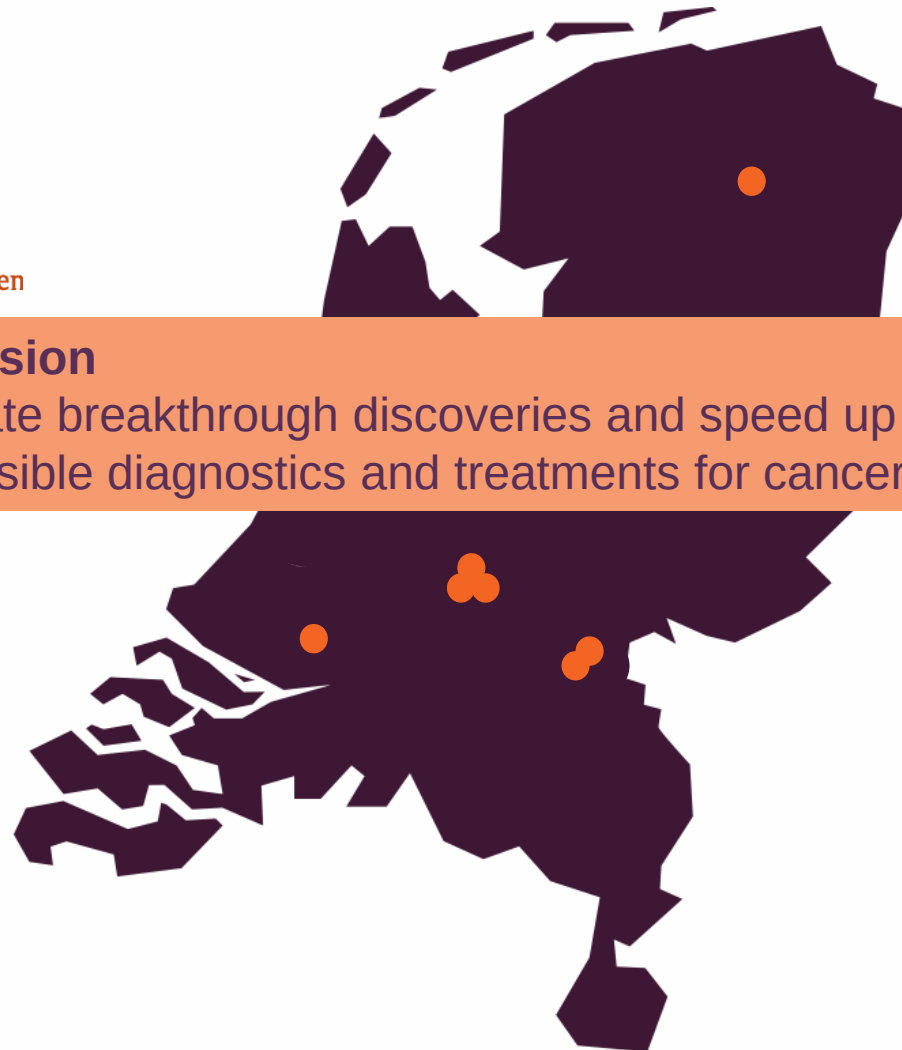
Ministerie van Volksgezondheid, Welzijn en Sport

Health~Holland
SHARED CHALLENGES, SMART SOLUTIONS



with a Mission

to accelerate breakthrough discoveries and speed up their translation into new accessible diagnostics and treatments for cancer patients.



Radboudumc



The Oncode model

**We invest in
curiosity-driven excellent
research**



Unrestricted research
funding enabling freedom-to-
explore

**We stimulate
collaboration**



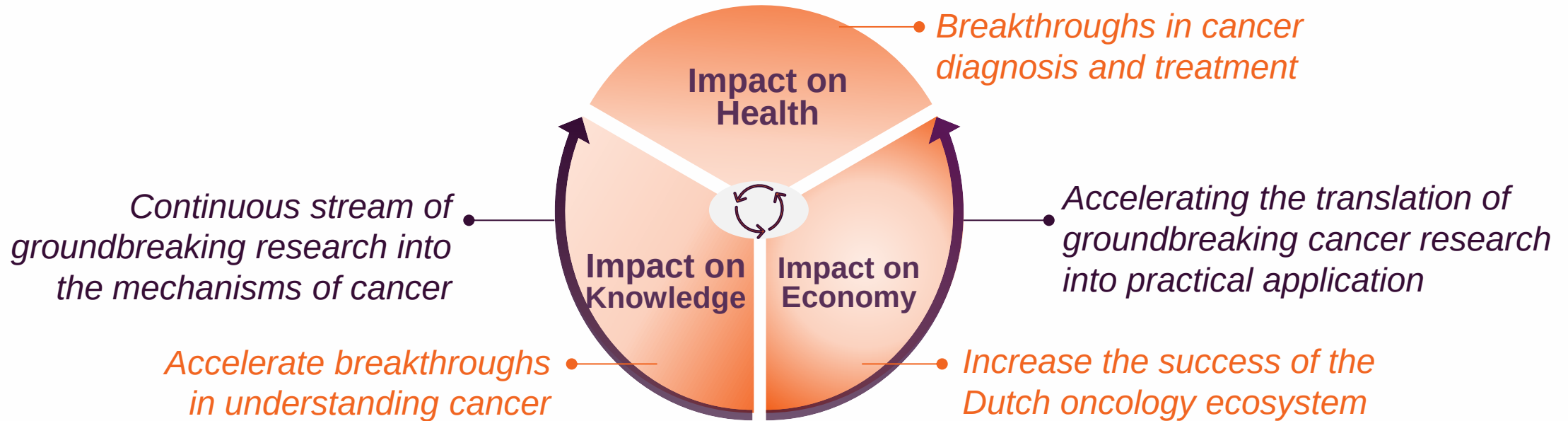
Collaboration across the
boundaries of disciplines and
institutes

**We accelerate
valorization**



Pro-active valorization
approach with expert team
and dedicated resources

Our goals



Key achievements to date

Knowledge



62

Oncode Investigators across
13 partner institute



Top 3

Global ranking based on
citation impact publications

Economy



270

Invention Disclosures
30% of active IP portfolio
licensed/optioned/assigned



12X

multiplier of investments
11 Spin-offs realized, **1** exit

Health



19

Oncode Inventions entered
clinical development
(**1st** patient in)



10

Affordable Healthcare-related
Clinical Proof of Concept
projects (of **17** total)
6 early HTAs completed

Impact on knowledge: worldwide top 3 based on impact of Biomedical Research

%publicaties in de groep van top 10% meest geciteerde artikelen



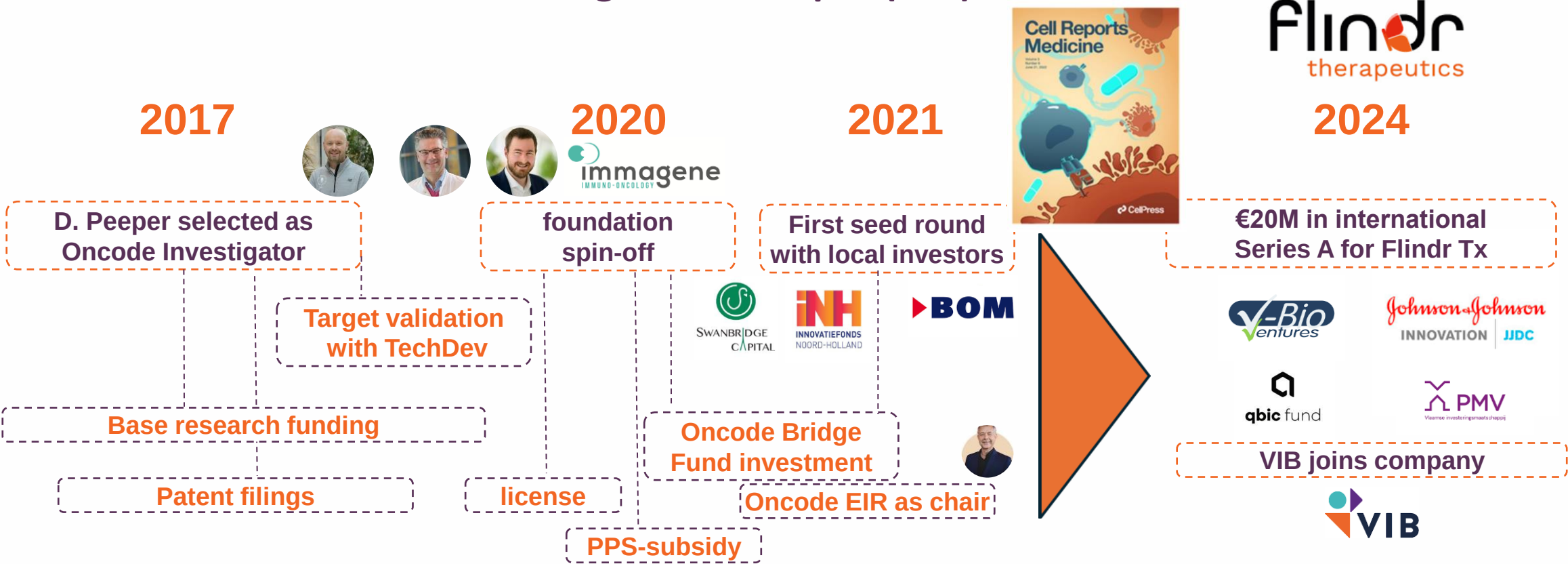
	University		P	P(top 10%)	PP(top 10%)
1	Rockefeller Univ		705	222	31.5%
2	MIT		2159	618	28.6%
3	Princeton Univ		792	209	26.4%
4	Caltech		545	136	25.1%
5	Shandong Univ Sci & Technol		118	27	23.0%
6	Weizmann Inst Sci		907	188	20.8%
7	Univ Cambridge		5234	1071	20.5%
8	Ecole Polytech Féd Lausanne		930	190	20.4%
9	Univ California - Berkeley		2134	434	20.3%
10	Univ Oxford		7114	1416	19.9%
11	Imperial Coll London		5578	1094	19.6%
12	Univ Glasgow		2396	469	19.6%
13	Harvard Univ		26868	5242	19.5%
14	Stanford Univ		9715	1817	18.7%
15	Australian Cath Univ		420	78	18.6%
16	London Sch Econ & Polit Sci		267	49	18.3%
17	Univ PSL		998	177	17.7%
18	Univ California - San Francisco		9396	1657	17.6%
19	Cornell Univ		6983	1219	17.4%
20	Queen Mary Univ London		1911	330	17.3%

28 %



Impact on economy: case Flindr Therapeutics

Oncode Investigator D. Peeper (NKI)

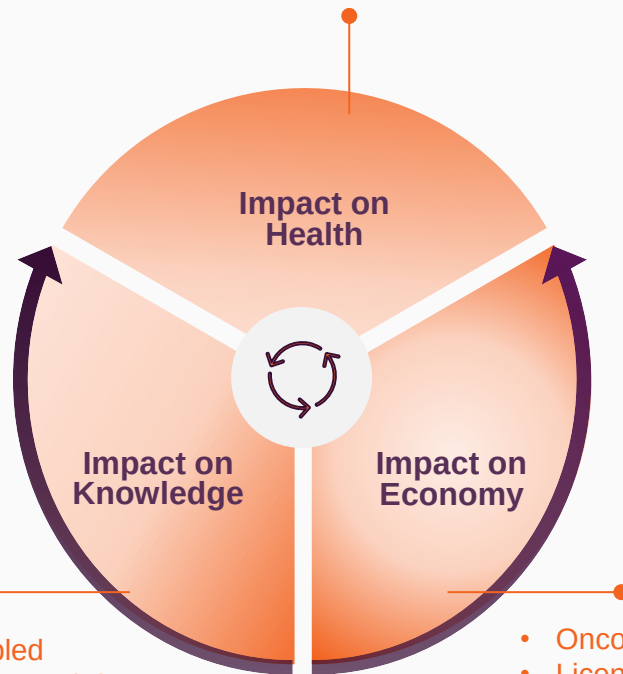


Oncode Institute accelerates valorization and attracts international investments, based on excellent science, strengthened by collaboration

Impact on Health: example Sturgeon

Sturgeon: AI-based technology for intra-operative brain tumor characterization

- Real-time tumor characterization supports intra-operative optimization of the surgical strategy
- Prevention of over-invasive as well as over-conservative surgery, and as such of associated adverse events or unnecessary additional surgery respectively
- Positive impact on survival, quality of life and more affordable healthcare



- Oncode Base Funding-enabled
- Using Artificial Intelligence for real-time tumor characterization
- Published in Nature (2023)

- Oncode IP-Fund and Technology Development Fund
- License agreement negotiation ongoing
- Subject of public-private partnership with Oncode spin-off company Cyclomics

Sturgeon explained



Click image to load video

Oncode Institute as a catalyst for the Dutch oncology ecosystem



**Oncode Oncology
Bridge Fund**



**Oncode
Institute**



**Oncode Oncology
Bridge Fund II**



**Oncode
Accelerator**
Foundation



CANCER
RESEARCH
HORIZONS

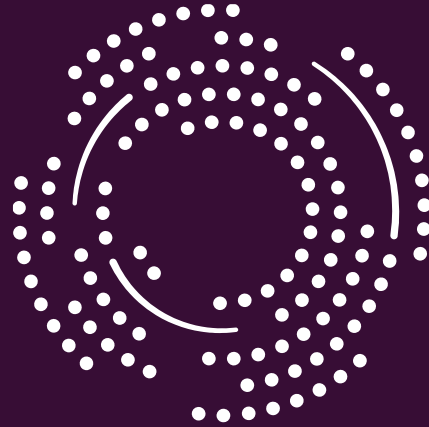


**51X
Therapeutics**



Partnership with Lygature

1. At start - organization back-bone
 - Program management
 - Support functions (finance, HR, office)
2. Transition to phase 2 – strategy for growth
 - Head of strategy
 - NGF-programme Oncode Accelerator
3. Housing at Hi-Five (Jaarbeurs)
 - Lifesciences Hub with likeminded organizations (Lygature, HealthRI, Oncode Accelerator, RegMedXB, Biotech Booster, Biobased Circular)
4. Collaboration on European projects
 - Persist-SEQ, uncan,...



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