



The evolution of technology transfer: @IRCCS Policlinico of Milan



Fondazione IRCCS Ca' Granda
Ospedale Maggiore Policlinico

Sistema Socio Sanitario



Regione
Lombardia

Laura Spinardi, Ph.D

Netval Summer Conference – Rome – 16-19 September 2019

FONDAZIONE IRCCS CA' GRANDA OSPEDALE MAGGIORE POLICLINICO DI MILANO

CA' GRANDA IRCCS FOUNDATION

Policlinico Hospital Milan HISTORY & HERITAGE

- 📍 Founded in 1456 by F.Sforza
- 📍 Functional and architectural model for all the European hospitals.
- 📍 6 centuries of uninterrupted activity & innovation:
 - artificial pneumothorax,
 - cesarian section operation procedure
 - emergency surgery
 - obstetrics gynecology
 - psychiatry
- 📍 1924: L. Mangiagalli founded the University of Milan.



FONDAZIONE IRCCS CA' GRANDA OSPEDALE MAGGIORE POLICLINICO DI MILANO

The new hospital



POLICLINICO AS A SCIENTIFIC INSTITUTE FOR HEALTH CARE AND BIOMEDICAL RESEARCH (IRCCS)



Translational Research Activities

*"improve patients care
through clinical innovation"*

Neurology

Alzheimer disease, degenerative and neuromuscular diseases, congenital and acquired syndromes.

Hepatology

Antiviral therapy for hepatitis B and C, hepatocellular carcinoma and portal hypertension related to liver transplant activities.

Epidemiology

Research in the field of tumour prevention and atmospheric pollution

Rare Diseases

13.000 cases included in the regional rare disease registry, 300+ pathologies studied. National research reference point.

Pediatrics

Oldest & most prestigious Pediatric units in Italy. focus on chronic disease

Obstetrics & Gynecology

Research activity in the field of assisted fertilization and innovative surgical techniques for intrauterine correction of fetal malformations.

Intensive Care

Performed first transplants of lungs with reconditioned organs.

Dermatology

National centre for skin diseases and cutaneous lymphomas.

Policlinico Technology Transfer Office



- Founded in 2007 - Italy's first public medical & research center TTO
- Inspired by Medical Research Council-Technology (MRCT-UK)
- Internal IP Rules of Procedure
- Collaboration with the University of Milan



Opportunities for:

- Researcher: to valorize competences and skills
- Hospital: to attract additional funding
- Companies: to gain access to innovative solutions

TECH TRANSFER OFFICE: FACTS & FIGURES



12
years of
activity



80
inventors



145
patent
applications
filed



68
patents
granted
worldwide



40
patent
families
protected

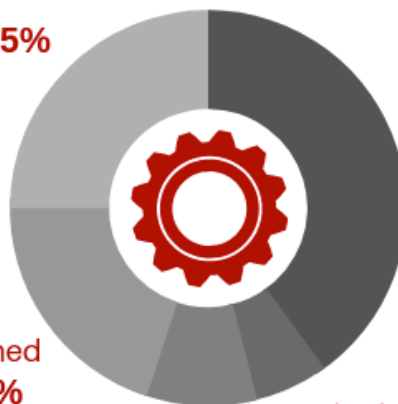
2 human
resources



patents
promotion **25%**

patents
abandoned
20%

patents in
co-development **9%**



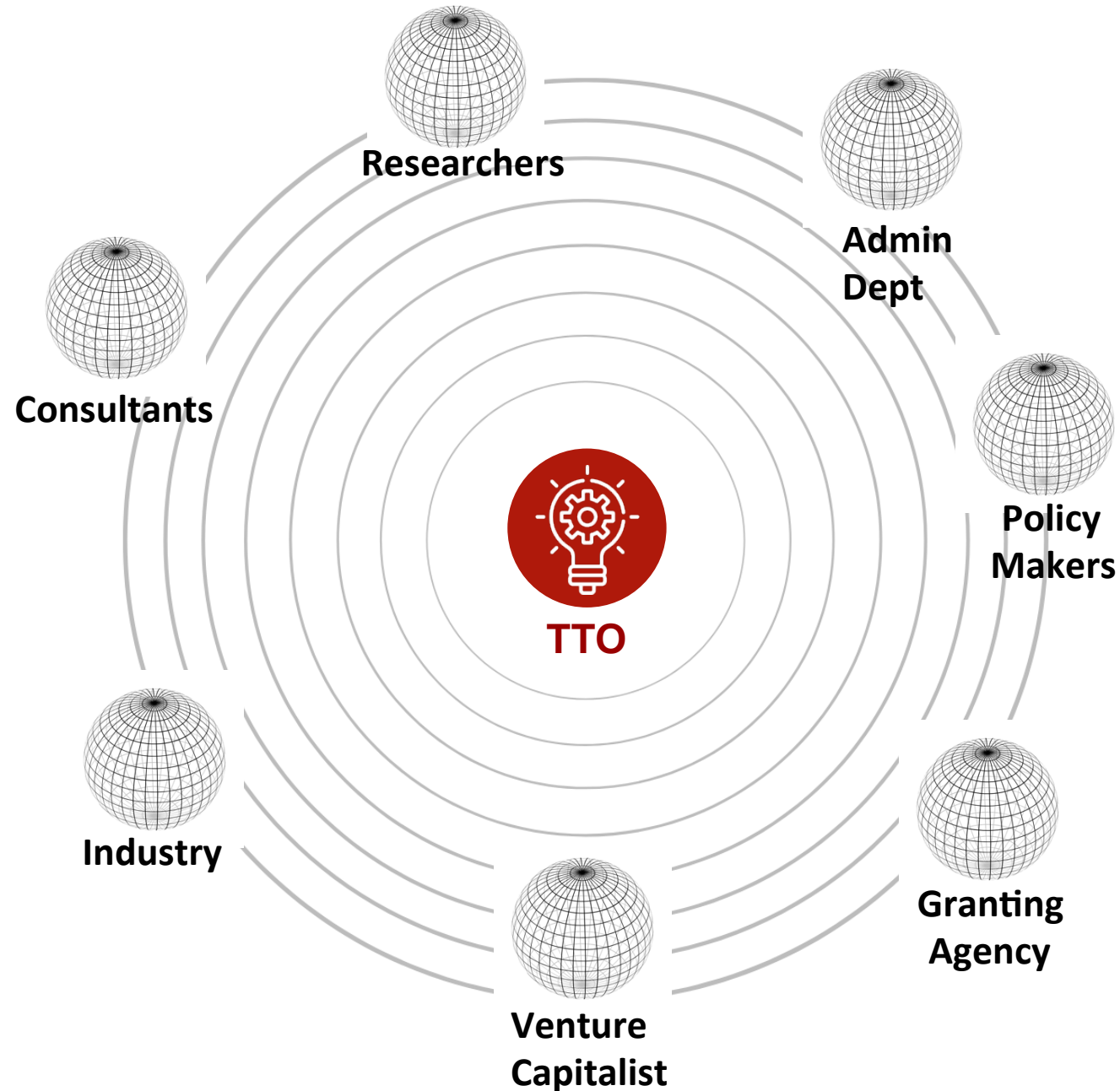
40%
patents
licensed

patents
transferred
6%

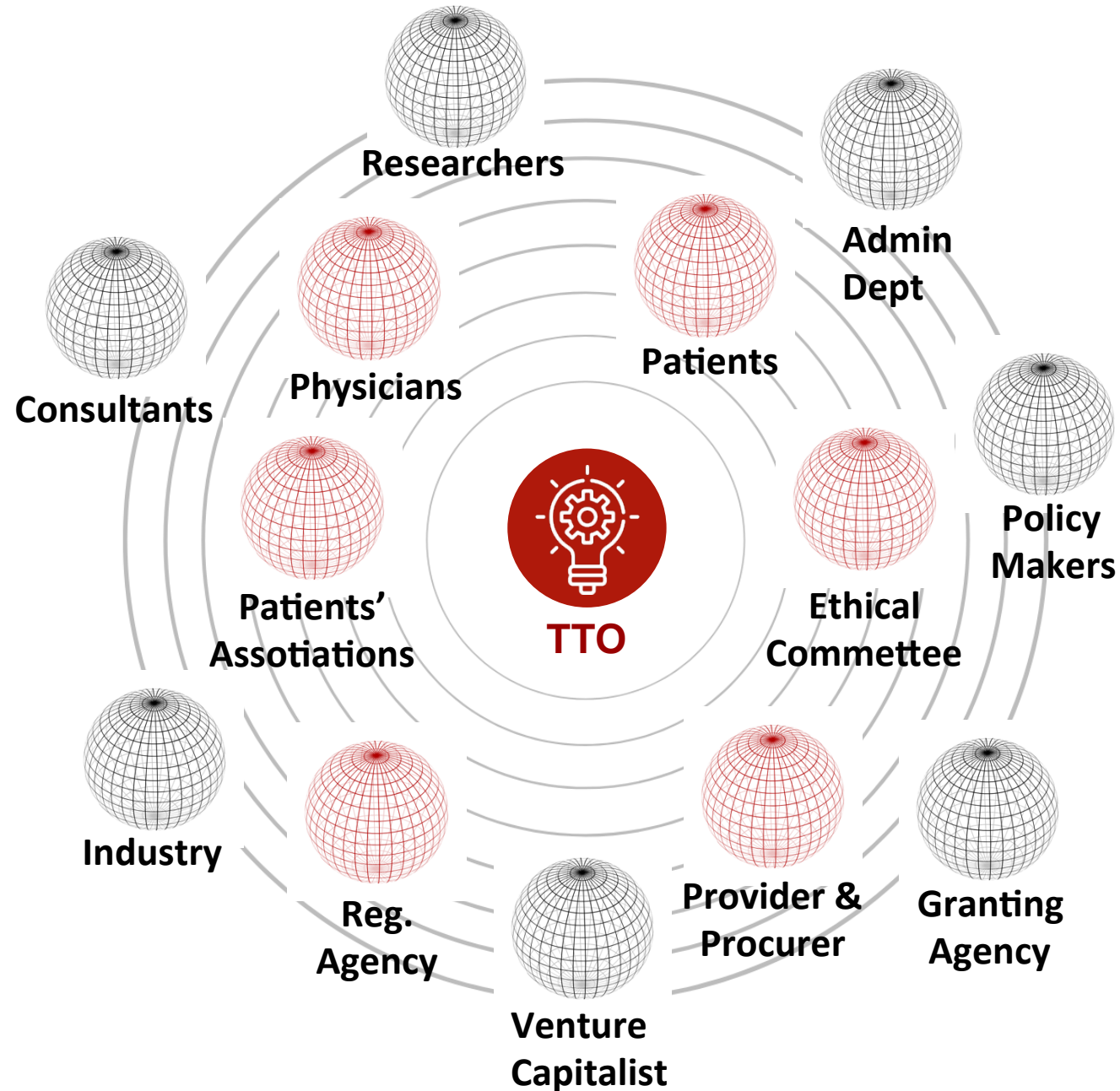
2 innovative
spin-offs



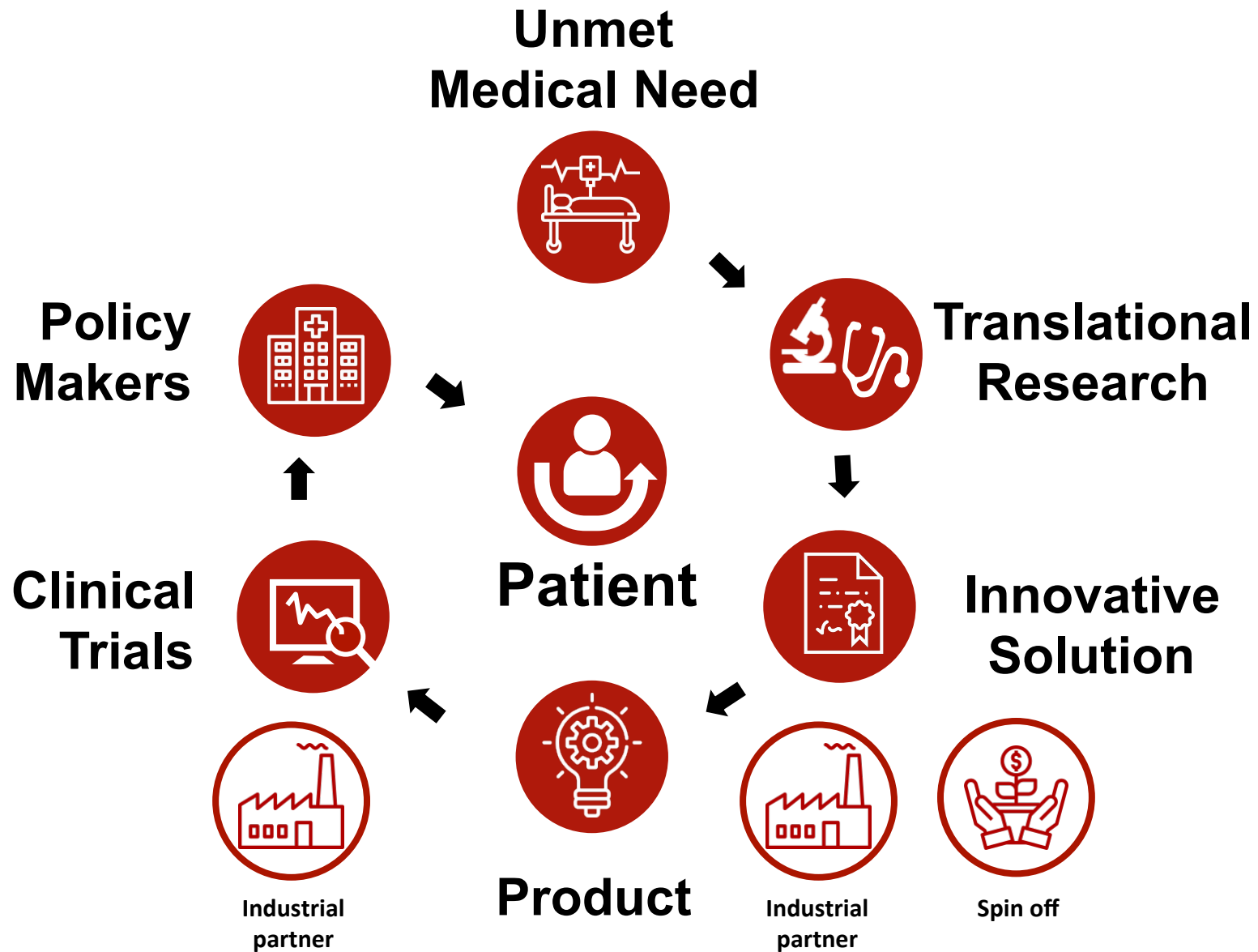
TECHNOLOGY TRANSFER STAKEHOLDERS



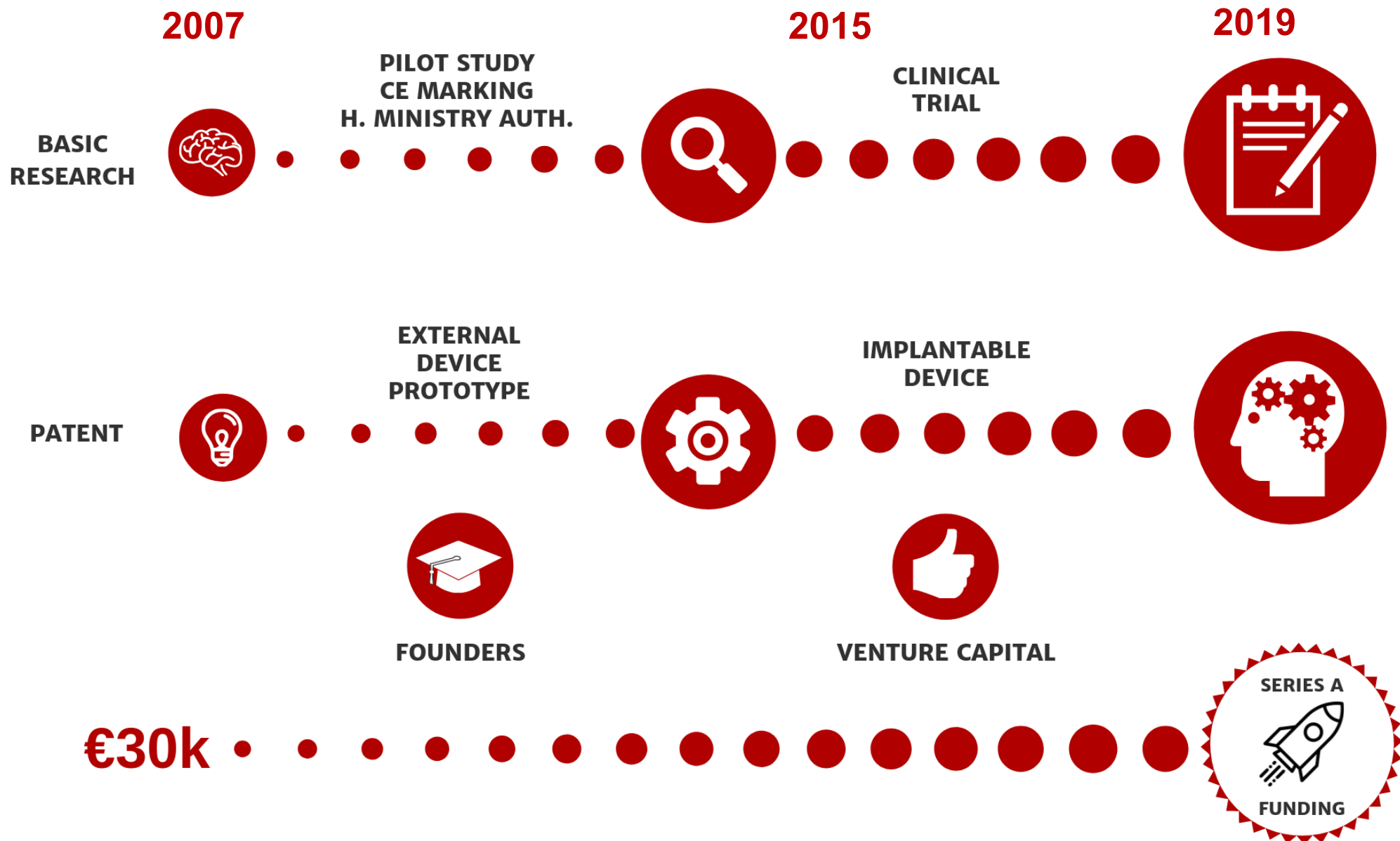
BIOMEDICAL TECHNOLOGY TRANSFER STAKEHOLDERS



BIOMEDICAL TECHNOLOGY TRANSFER



A CASE STUDY: “NEWRONIKA s.r.l”



lauraspinari@2019



THANK YOU!

Contact:

laura.spinardi@policlinico.mi.it

alessandro.cervi@policlinico.mi.it

www.policlinico.mi.it/technology-transfer-office

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