

MSc Nanotechnology Engineering

Research perspectives and working opportunities

NANO DAY 2022



BSc Chemical
Engineering



MSc Nanotechnology
Engineering



PhD Nanoscience
Nanomedicine



SCUOLA
NORMALE
SUPERIORE



NEST National Enterprise for nanoScience
and nanoTechnology

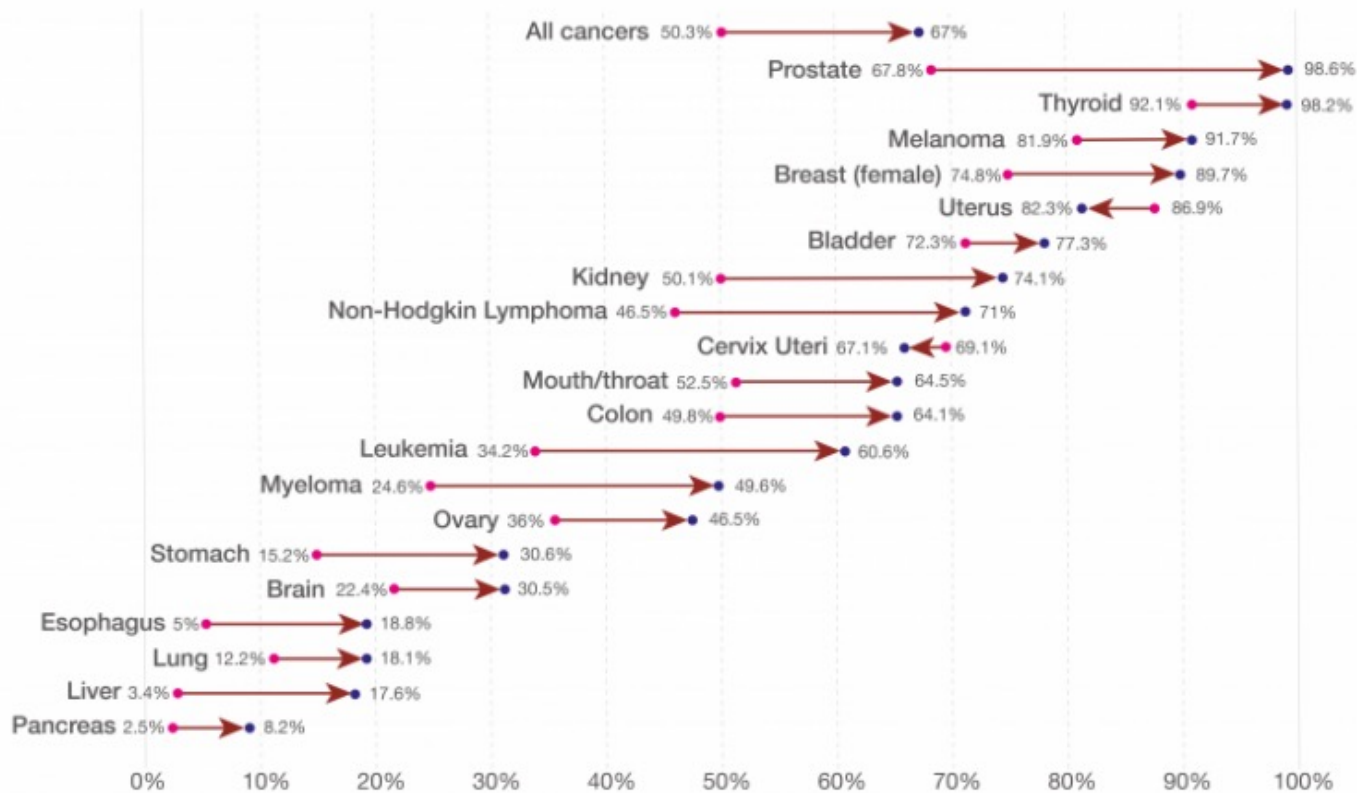


- 0.1 A Low-Temperature Magneto Transport
- 0.1 B Low-Temperature Magneto Optics
- 0.2 Scanning Gate Microscopy
- 0.3 SAW-driven Optoelectronics
- 0.4 Transmission Electron Microscopy
- 0.5 CBE, Plasma Etching and Deposition
- 0.6 Superconductivity
- 1.1 Clean Room Facility
- 1.2 Wedge Bonding
- 1.3 Spatially-Resolved Raman and Two-Photons Microscopy
- 1.4 UHV-Scanning Tunneling Microscopy
- 1.5 Single-Molecule Confocal Microscopy
- 1.6 THz Quantum Cascade Lasers and DNSOM
- 1.7 Nuclear Magnetic Resonance
- 1.8 BSL2 Facilities
- 1.9 Synthesis facilities
- 1.10 Hot Room
- 1.11 Tissue Culture
- 1.12 Bio Chemistry and Molecular Biology
- 1.13 Technical Bio Services
- 1.14 Lab-on-a-Chip Technologies
- 1.15 In vivo Two-Photon Imaging



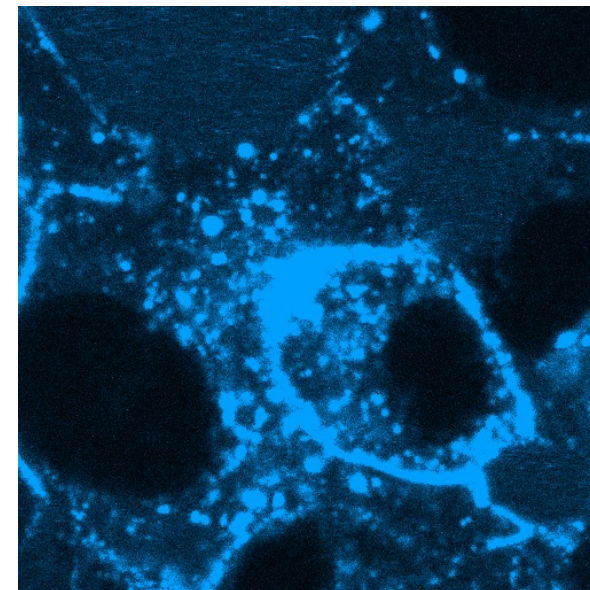
Five-year cancer survival rates in the USA

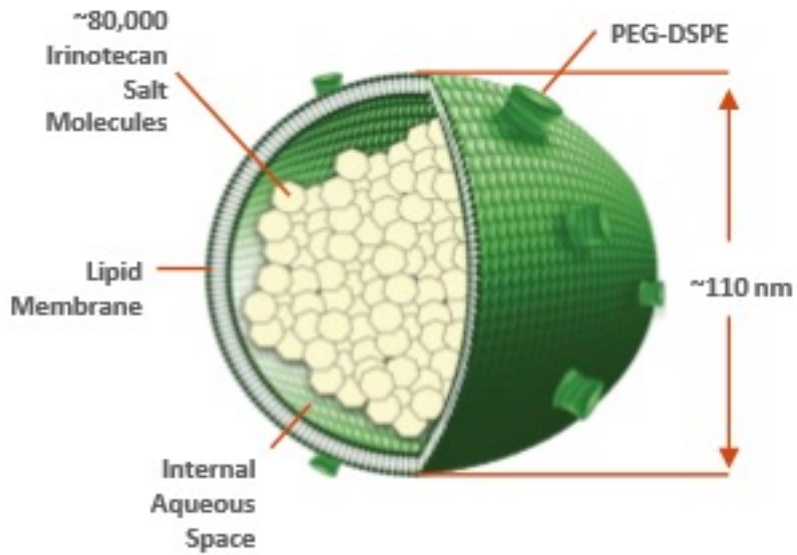
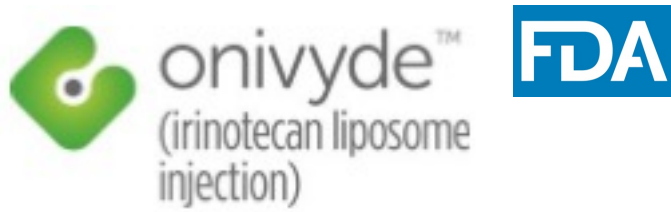
Average five-year survival rates from common cancer types in the United States, shown as the rate over the period 1970-77 [●] and over the period 2007-2013 [●]: 1970-77 [●] → 2007-2013 [●]. This five-year interval indicates the percentage of people who live longer than five years following diagnosis.



Based on data by Journal of the National Cancer Institute; Surveillance, Epidemiology and End Results Program. The data visualization is available at [OurWorldinData.org](https://ourworldindata.org). There you find research and more visualizations on this topic.

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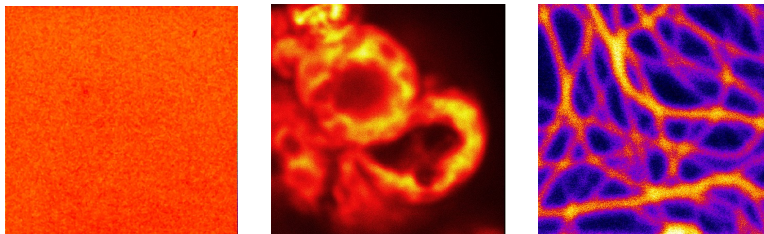


IP protection

Patent priority number:
102020000026699

	65%
	30%
	5%

Main Partners:



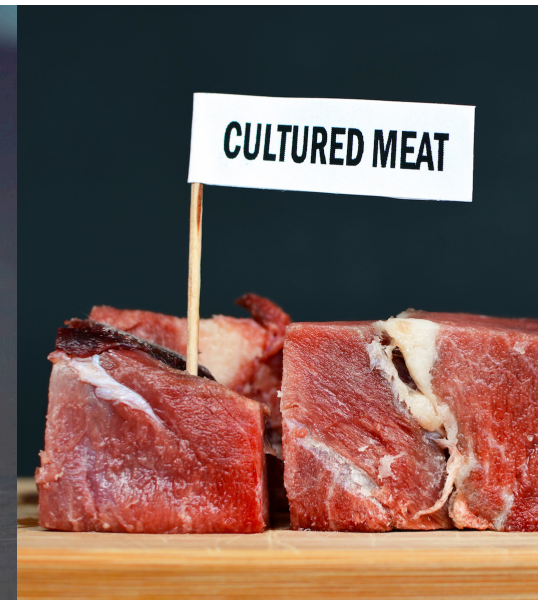
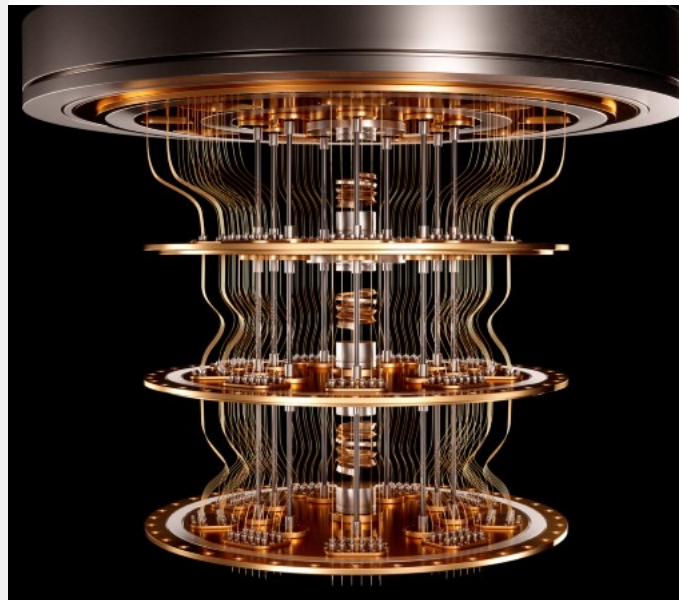
MEASURE YOUR TECHNOLOGY READINESS LEVELS - TRL

How technology ready is your service/product?



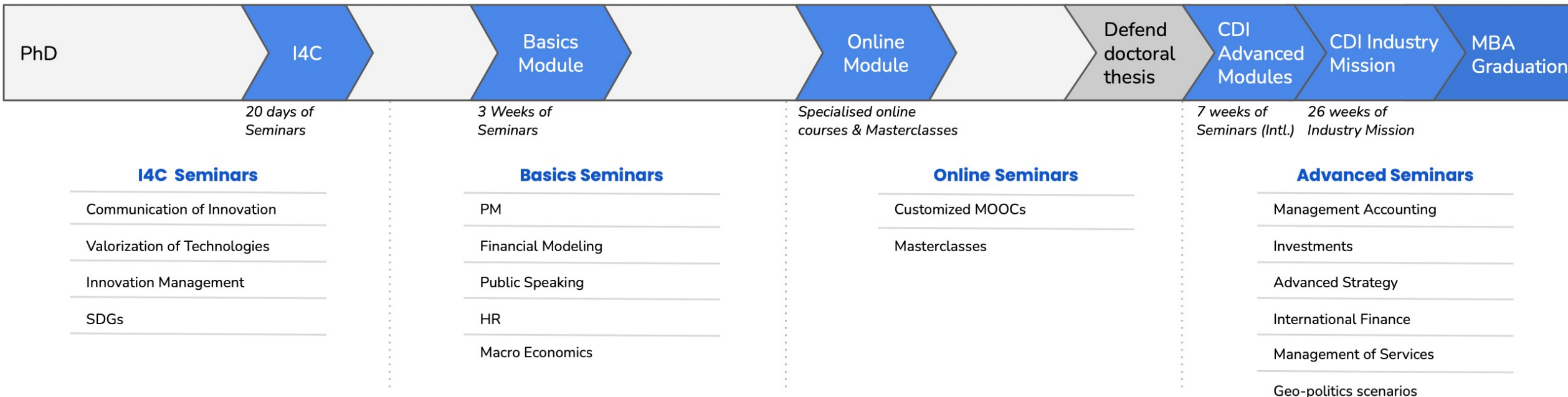
Technology Readiness Levels as adapted by the CloudWATCH2 project

Research → Market



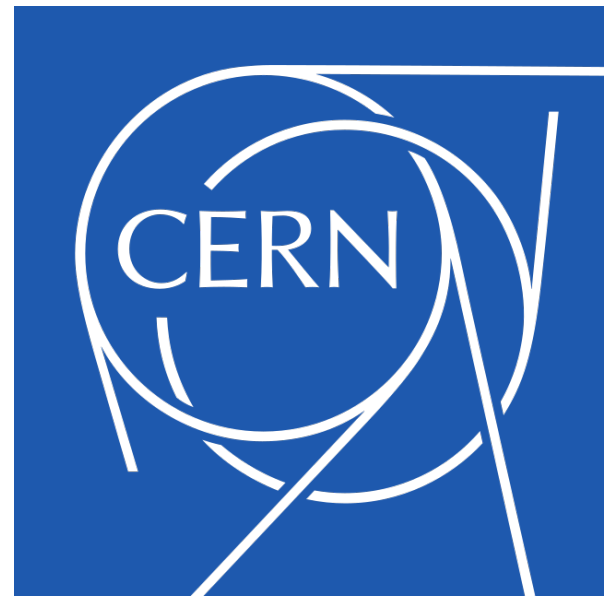
Science & Management MBA Programme

PARIS • MÜNCHEN • TORINO





EXPO 2020
اِكْسْبُو 2020



INNOVATION  CHANGE

INNOVATION  CHANGE



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