



EP PerMed
European Partnership
for **Personalised Medicine**

ICPerMed
INTERNATIONAL CONSORTIUM

ICPerMed & EP PerMed Conference on Personalised Medicine Research
Day 1, 26 November 2025

SESSION 1

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Present and Future outcomes and impact of
personalised medicine for societies and people



1st ICPeMed & EP PerMed joint Conference

Prague, 26./27.11.2025



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Medicine: A brief look into **History I**

A few examples of **very early** milestones:

~12.000 BC: The earliest known example of dental **caries**

~7.000 BC: First evidence of **trepanation**

~3.000 BC: Origin of e.g. **ayurveda, massage & acupuncture**

~2.000 BC: First known **prosthesis** for extremities

~1.600 BC: First description of **cancer**

~400 BC: **Hippocrates** of Cos maintains that diseases have natural causes and puts forth the Hippocratic Oath, which was the origin of rational medicine.

129 – 216: **Galen**: Clinical medicine based on observation and experience offering a complete medical philosophy dominated medicine also throughout the **Middle Ages** and until the beginning of the modern era.

1590: **Microscope** was invented, which played a huge part in medical advancement

Source: Timeline of medicine and medical technology in Wikipedia and other

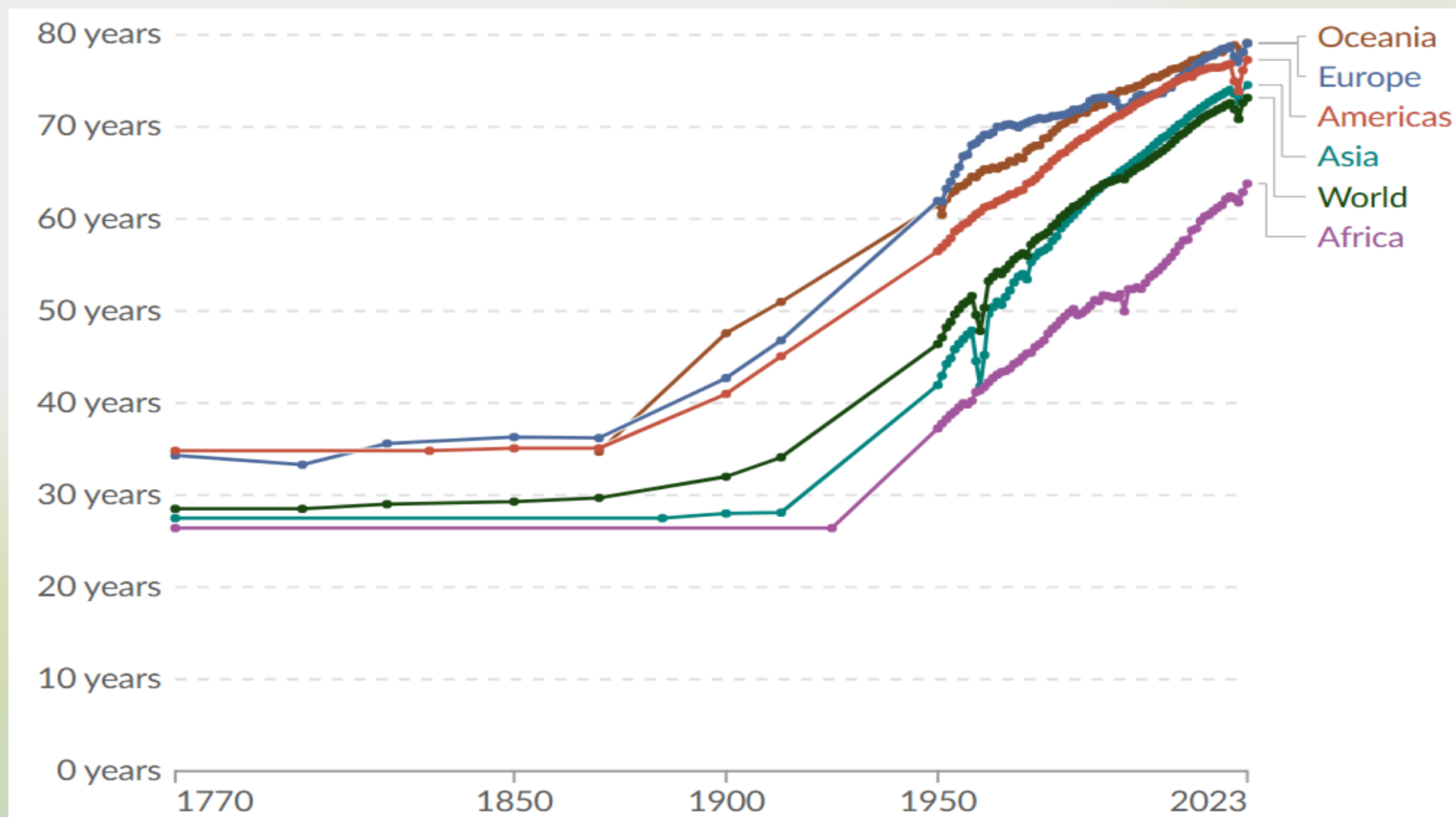
Medicine: A brief look into **History II**

A few examples of **early** milestones:

- 1796: Edward Jenner develops a **smallpox vaccination** method
- 1816: René Laennec invents the **stethoscope**
- 1846: First painless surgery with general **anesthetic**
- 1887: Willem Einthoven invents **electrocardiography** (ECG/EKG)
- 1895: Wilhelm Conrad Röntgen discovers medical use of **X-rays** in medical imaging
- 1901: Alois **Alzheimer** identifies the first case of Alzheimer's disease
- 1953: **Heart-lung machine** – John Heysham Gibbon
- 1958: **Pacemaker** – Rune Elmqvist
- 1969: Balloon **catheter** – Thomas Fogarty
- 1980: First concepts of **Immune therapies**
- 1985: **PCR** method – Kary Mullis

Source: Timeline of medicine and medical technology in Wikipedia and other

Life Expectancy: 1770 - 2023



Number of years the average person born in a certain year would live if they experienced the same chances of dying at each age as people did that year.

Source: Saloni Dattani, Lucas Rodés-Guirao, Hannah Ritchie, Esteban Ortiz-Ospina, and Max Roser (2023) - "Life Expectancy"
Published online at OurWorldinData.org. Retrieved from: '<https://ourworldindata.org/life-expectancy>' [Online Resource]

EP PerMed: **Setting & Budget**



The vision of the European Partnership for Personalised Medicine is to improve health outcomes within sustainable healthcare systems through **research**, development, **innovation** and **implementation** of personalised medicine approaches for the benefit of patients, citizens, and society.

Co-funded transnational Calls

- **7** Joint Transnational Calls, **JTCs**, incl. Patient Organisation funding since JTC2025
 - 1st **JTC2024**: “Identification or Validation of Targets for PM Approaches” (PMTargets)
 - 2nd **JTC2025**: “Pharmacogenomic strategies for PM approaches” (PGxPM2025)
 - 3rd **JTC2026**: “PM for **CAR**diovascular, **ME**tabolic, and **kidNey** diseases” (CARMEN2026)
 - ...
- **3** Research Innovation Technology Calls, **RITCs**, incl. Patient Organisation funding
 - 1st **RITC2026**: “Test and Demonstration of Multimodal Data Approaches for PM”
 - ...

EP PerMed Calls

- “**Fast Track**” Calls, 2024, 2026, ...
- “**Twinning**” Calls, 2025, ...
- “**Network**” Support Calls, 2025, ...
- “**Education**” Calls, 2025, ...
- **Survey** Tenders, 2026, ...

Activities and Actions

- **Conferences**, 2024, **2025**, ...
- Venture Creator Mentoring Program
- Schools and Trainings, 2024, 2025, ...
- Podcast Series, 2024, 2025, ...
- In-situ Visits, 2024, 2025, ...
- Round Tables, 2024, 2025, 2026, ...
- Symposia & Workshops, 2024, 2025, 2026,
- Surveys, Databases and Mapping, *continually*
- Reverse Technology Transfer, **RTT**
- Hackathons, 2026, ...
- **SRIA 2027** and 2030
- ...

Advisory Boards

- Innovation Advisory Board, **IAB**
- Implementation Advisory Board, **ImAB**
- People Engagement Board, **PEB**
- Call Advisory Boards, **CABs**

Advise and Exchange

- International Consortium for Personalised Medicine, **ICPerMed**
- Cluster Health Partnerships
- PRECISEU, B1MG or the JA PMC, ...
- Pianoforte, ADRA, ...

Thank You!

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- **<https://www.linkedin.com/company/ep-permed/>**
- **www.eppermed.eu**
 -  EP PerMed and ERA PerMed Database
 -  Partner, Background and Goals, etc.
 -  Calls, Events, News, PM Best Practise Examples, etc.