



INDTECH2018

Innovative industries for smart growth

29-31 October, 2018
Vienna, Austria

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PILLAR 2

Session 2.2

Nanomedicine driving the new collaborative business model of smart and connected medical devices

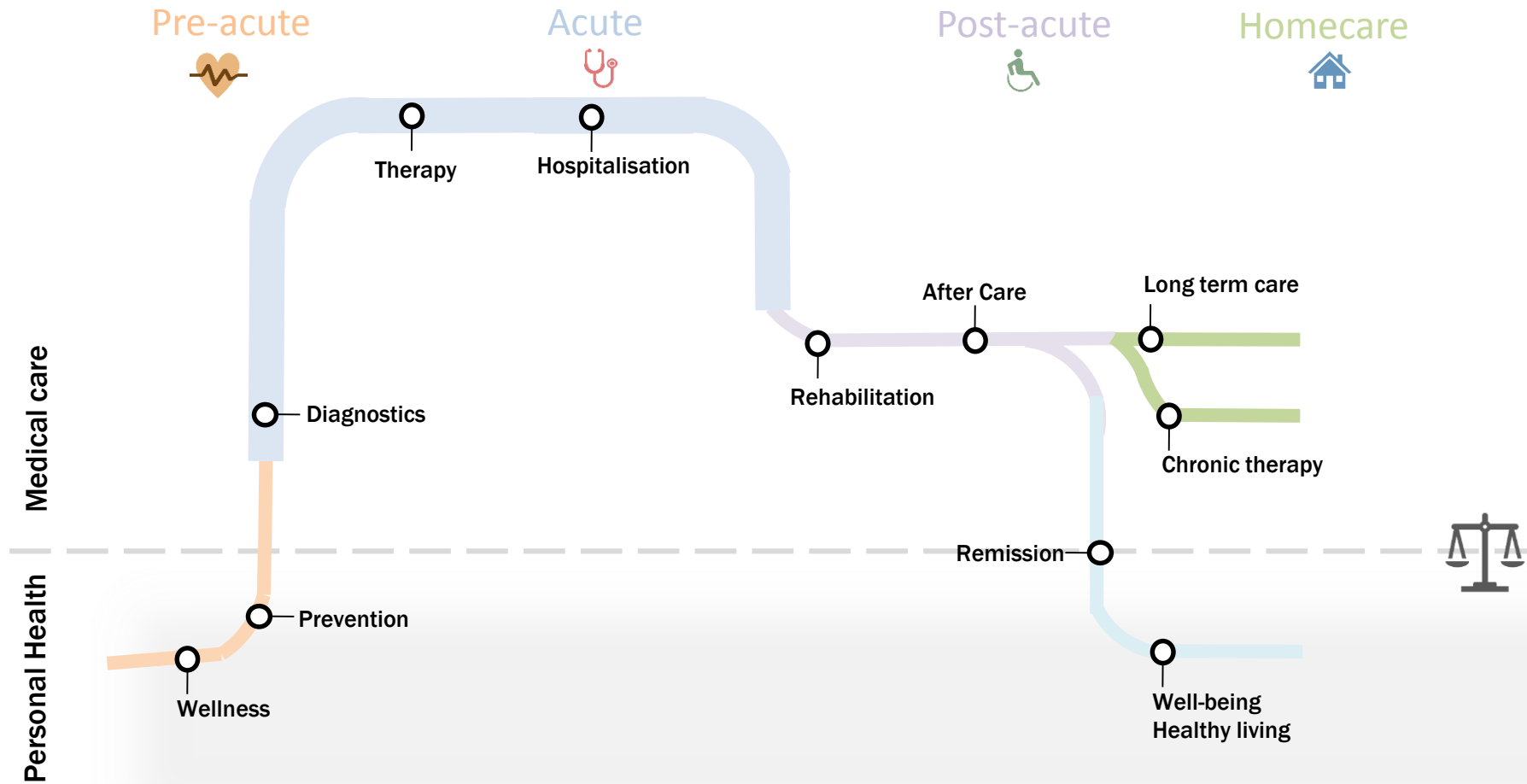
Dr. Klaus-Michael Weltring

Gesellschaft für Bioanalytik Münster e.V.

30 October 2018

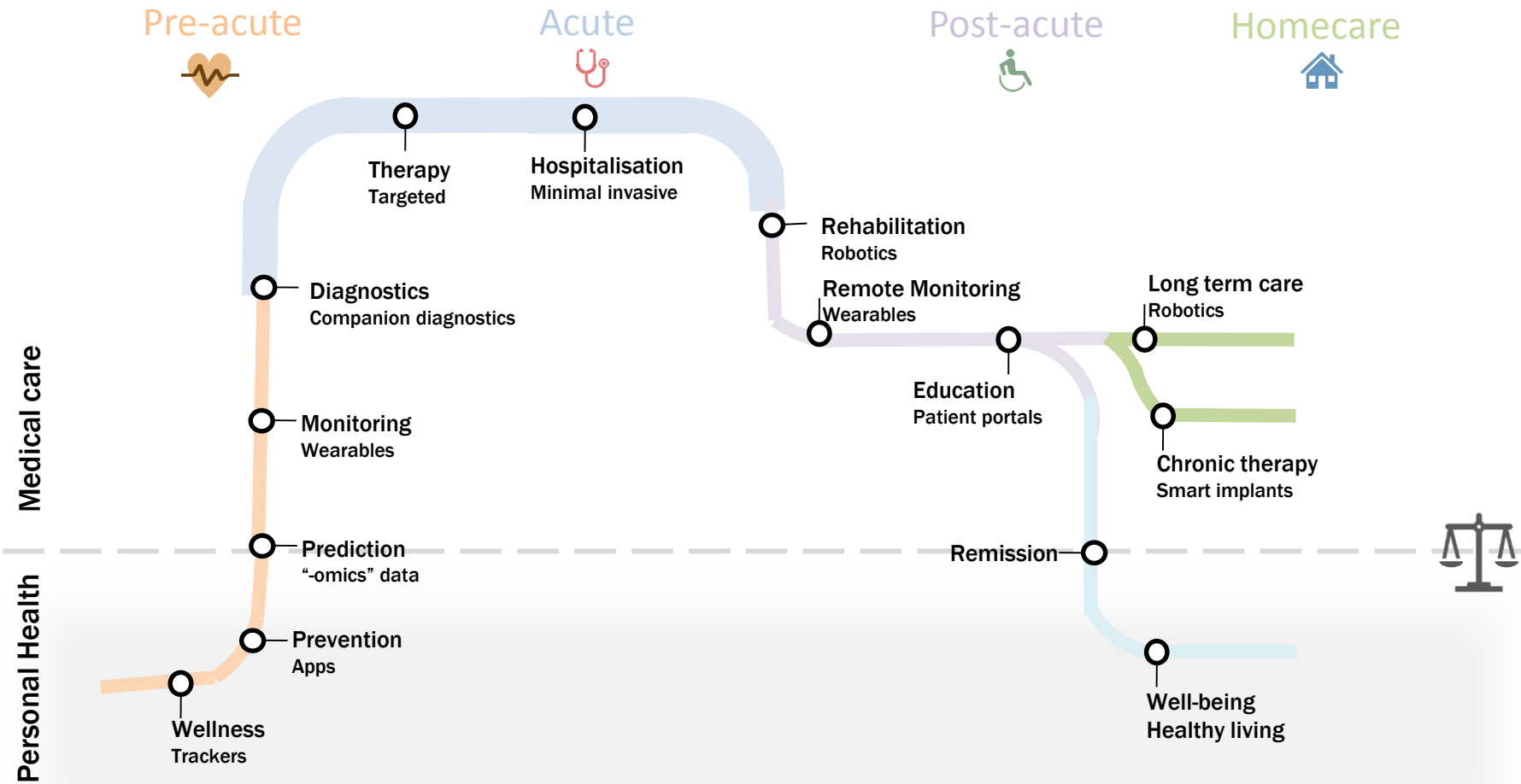


Status quo of healthcare sector



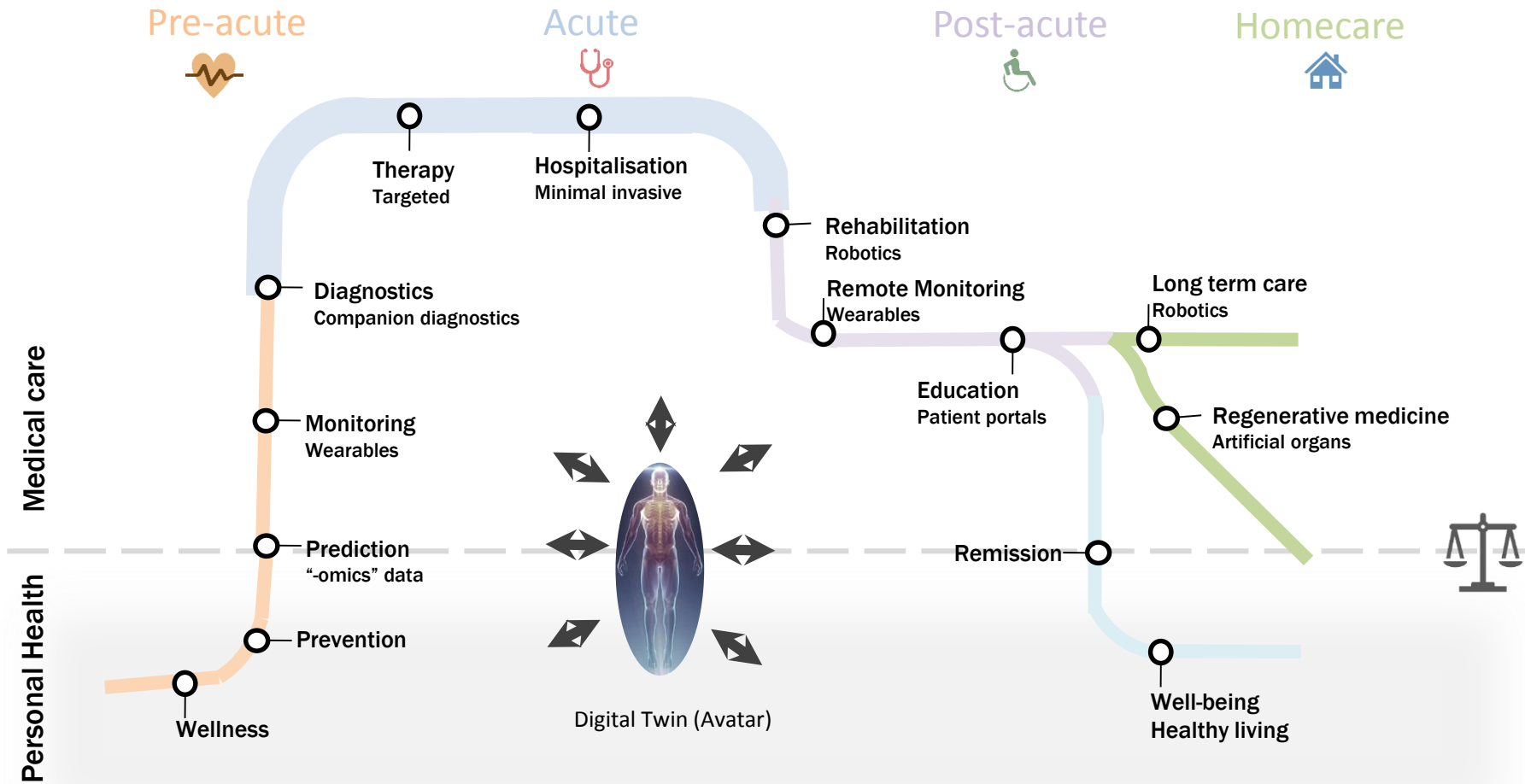


Future Continuum of Care





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Challenges

Convergence of Key Enabling Technologies and Digitisation

Convergence of industries towards new value chains (Medtech, IVD, Pharma, Biotech, Electronics, IT, ...)

Convergence of regulatory regimes (Medical devices, Medicines, IVD, IT and Data security)

New business models for healthcare systems (outcome based reimbursement)

New technical, industrial, and social standards

Education and Training for healthcare providers and patients

Possible solutions

Holistic concept involving all stakeholders (ESTHER)



Meta-roadmap of technical developments and resulting innovations (NOBEL)



New integrated funding tools in „Horizon Europe“ (ERC, R&D, infrastructures, regions, EIB, etc.)