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#InvestEUresearch

Horizon 2020
Work Programme
for Research & Innovation
2018-2020

EU support for Health
research in 2020

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DG Research & Innovation

Research and
Innovation

Horizon 2020

€ 77 billion (2014-2020)

Horizon 2020 – three priority areas

1 Excellent science

Researcher driven:
The foundation of tomorrow's technologies, jobs and wellbeing

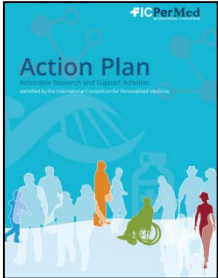**Industry driven:**
Strategic investments in key technologies

Industrial leadership 2

3 Societal challenges

Society driven:
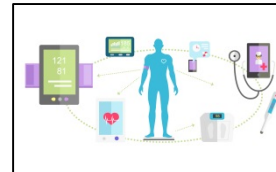Tackling the great challenges of our time of citizens and society

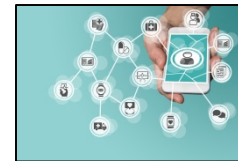# Collaborative research – Health – 7 priorities

Personalised medicine

Innovative health and care industry

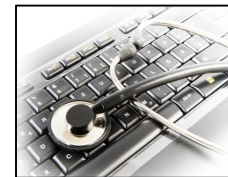Innovative health, and care systems – Integration of care

Decoding the role of the environment for health and well-being

Digital transformation in Health and Care

Infectious diseases and improving global health

Trusted digital solutions and Cybersecurity for Health and Care

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EU-funded collaborative research

- Collaboration across borders, sectors, actors, disciplines

- Annual work programmes (currently last call of Horizon 2020)

- Electronic submission and grant management

- Single-stage OR two-stage application

- Peer review by panels of independent experts

- 8 month from submission to signature of grant agreement

- Typical EU funding per project: € 4-6 million, but varies greatly

- Minimum* 3 legal entities from 3 different EU Member States or associated countries – <u>international partners welcomed</u> (*SME instrument grants are mono-beneficiary!)

All topics presented here are for single-stage submission
Deadline: 7 April 2020

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EU Framework programme for Health research 2020

Area 1.1 Personalised Medicine

➢ SC1-BHC-11-2020: **Advancing the safety assessment of chemicals without the use of animal testing**

Research and Innovation Action (RIA)
EU grant: €10-20m per proposal (budget for topic: €60m)

Area 1.2 Innovative health and care industry

➢ SC1-BHC-06-2020: **Digital diagnostics – developing tools for supporting clinical decisions by integrating various diagnostic data**

"...develop tools, platforms or services that will use information provided by most relevant diagnostic means for a particular area…"
RIA, EU grant: €8-15m (budget for topic €40m)

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Area 1.3 Infectious diseases & improving global health

➢ SC1-BHC-33-2020: **Addressing low vaccine uptake**
RIA: €2-3m per proposal (budget for topic €9m)

➢ SC1-BHC-34-2020: New approaches for **clinical management and prevention of resistant bacterial infections** in high prevalence settings
RIA: €10-15m per proposal (budget for topic €25m)

➢ SC1-BHC-35-2020: Creation of a European wide sustainable **network for harmonised large-scale clinical research studies for infectious diseases**
RIA: €25-30m per proposal (budget for topic €30m)

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Area 1.3 Infectious diseases & improving global health

➢ SC1-BHC-17-2020: **Prevention and/or early diagnosis of cancer**

"Proposals should focus on implementation research for the prevention and/or early diagnosis of cancer on in LMIC and/or in vulnerable populations in HIC. Proposals should build on interventions with promising or proven effectiveness (including cost-effectiveness) for the respective population groups under defined contextual circumstances."

RIA, EU grant: €1-3m (budget for topic €20m)

➢ SC1-BHC-20B-2020: **Public procurement of innovative solutions (PPI) for diagnostics for infectious diseases**
PPI, EU grant: €3-5m per proposal

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Area 1.4 Innovative health and care systems - Integration of care

➢ SC1-BHC-37-2020: **Towards the new generation of clinical trials – trials methodology research**
RIA-LS: €4-6m per proposal (budget for topic €6m)

➢ SC1-HCO-20-2020: **Coordination of clinical research activities of the European Reference Networks**
CSA: €1.5-2m per proposal (one proposal)

Area 1.5 Decoding the role of the environment, including climate change, for health and well-being

➢ SC1-BHC-36-2020: **Micro- and nano-plastics in our environment: Understanding exposures and impacts on human health**
EU grant: €4-6m per proposal (budget for topic €25m)

Area 1.6 - Digital transformation in Health and Care

- ➢ SC1-DTH-02-2020: **Personalised early risk prediction, prevention and intervention based on Artificial Intelligence and Big Data technologies**
  RIA: €4-6m per proposal (budget for topic €32m)

- ➢ SC1-DTH-04-2020**:** International cooperation in **smart living environments for ageing people** (esp. Canada & Japan)
  RIA: €2-4m per proposal (budget for topic €8m)

- ➢ SC1-DTH-06-2020: **Accelerating the uptake of computer simulations for testing medicines and medical devices**
  RIA: €6-8m per proposal (budget for topic €32m)

1.6 - Digital transformation in Health and Care

➢ SC1-DTH-12-2020: **Use of Real-World Data** to advance research on the management of complex chronic conditions
RIA: €4-6m (budget for topic €41m)

➢ SC1-DTH-10-2019-2020: **Digital health and care services**
Pre-commercial Procurement
EU grant: €5-6m per proposal (budget for topic €6m)

➢ SC1-DTH-14-2020: **Pre-commercial Procurement for Digital Health and Care Solutions**
Pre-commercial Procurement: €4-5m per proposal (budget €9m)

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Trusted digital solutions and Cybersecurity in Health and Care

➢ DT-TDS-04-2020: **AI for genomics & personalised Medicine**

   RIA: €10m per proposal (budget for topic €35m)

➢ DT-TDS-05-2020: **AI for Health Imaging**

   RIA: deadline 13 Nov. 2019]
   EU grant: €8-10m per proposal (budget for topic €35m)

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Horizon 2020 – Health
https://ec.europa.eu/research/health/index.cfm

Horizon 2020 – Health – WP 2020
https://ec.europa.eu/research/participants/data/ref/h2020/wp/2018-2020/main/h2020-wp1820-health_en.pdf

Horizon 2020 – Health – portal for proposal submissions
https://ec.europa.eu/info/funding-tenders/opportunities/portal/

Thank you

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