Horizon 2020 Work Programme for Research & Innovation 2018-2020

EU support for Health research in 2020

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Horizon 2020 – three priority areas

1. Excellent science
2. Industrial leadership
3. Societal challenges

Industry driven:
Strategic investments in key technologies

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

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

€ 77 billion (2014-2020)
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 – international partners welcomed (*SME instrument grants are mono-beneficiary!)

All topics presented here are for single-stage submission

Deadline: 7 April 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)
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)
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
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)
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)
Thank you

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