IHI Call Days | Call 9

Translational Medicine Intelligence Platform

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Link to the IHI brokerage platform:

- Proposal sharing tool IHI Call Days - Call 9

- Participant profile IHI Call Days - Call 9

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Challenges and objectives

o Massive health data are generated in a fragmented way by multiple stakeholders and remain underutilized

o While genotype provides a backbone for precision medicine, collection of phenotype data in healthy and diseased individuals remains a challenge

o Streamlined integration of multimodal and dynamic data needed for both discovery and patient care

o IHI specific objectives: SO2 SO3 SO4

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Our approach to solve the problem

o We propose to partner in development of digital healthcare platform

o to enhance clinical research and patient management workflows

o to serve as a node in federated machine learning networks

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Is your project suitable for IHI?

o Will contribute population-specific data from both an academic medical campus and national data sources

o Will enable both prospective and retrospective data collection with multidisciplinary teams involved in research and development

o Biobanking, data storage, and computational capacities will be utilized to establish the hub

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Outcomes and Impact

o A patient-centric, AI-enhanced healthcare model

o for development and validation of medical products

o to streamline translation into clinical practice

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Expertise and resources

- We have:

  o A major medical hub in Lithuania, providing a broad spectrum of health care services

  o Digital technologies and computational research teams

  o Partnerships in translational research and federated learning

  o National Data Agency (Lithuania) provides unique resource for phenotype data collection

- We are looking for:

  o We aim to partner in a consortium focused on health data integration, machine learning, and patient-centric care

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