

Call for Applications

ICPerMed Best Practice Recognition 2022

“Data Sharing in Personalised Medicine Clinical Research”

Submission deadline for applications:

June 30th, 2022

For further information:

<https://www.icpermed.eu>

or contact

ICPerMed SECRETARIAT - Ministry of Health (IT)

healthresearch@sanita.it

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General description

The 2022 Recognition aims to honour, encourage, promote and disseminate outstanding examples of Clinical Research in Personalised Medicine using clinical datasets and technology to fruitfully impact the Regional, National, and International data sharing among patients, health professionals, and researchers.

Authors (applicants from any country) of candidate proposals published and/or developed by April 15th, 2022 are eligible to apply.

The deadline for the submission of the proposals will be June 30th, 2022.

The selected authors will be invited to the Autumn 2022 ICPerMed Conference on Personalised Medicine and will be allowed to present their results during a plenary session to stakeholders interested in the area of PM. If the first author could not be present during the conference, he/she should delegate to another member of the proposal. In addition, the awarded candidates will receive a €500 worth non – cash contribution for the dissemination of their Best Practice Example.

Call Topic

The application should represent a good practice example of at least one of the following aspects of Data Sharing:

1. Use of innovative technologies/infrastructures for data exchange
2. Examples of efficient data sharing, engaging citizens, patients, health care professionals, and PM researchers, economically beneficial, and avoiding redundancies/data loss.
3. Regional, National, and International Data exchange, with a special focus on data sharing across EU and non-EU countries or countries with different Data Protection Regulations.

Eligibility Criteria

- Number of selected proposals: a maximum number of three candidates will be selected.
- Open to applicants from all over the world, from all medical research fields

The proposals should involve at least two of the following groups:

- Researchers or clinicians
- Representatives of Patient advocacy organizations
- Health Care Professionals
- Employees of private sector/industry

Application

The application should consist of the following documents, bundled together into a single file:

1. an application form describing in detail the implementation approach and intended dissemination approach
2. a short bio-sketch (maximum 1000 characters for each applicant)
3. only one submission per candidate will be accepted

The proposal (only documents submitted in English will be considered eligible) must be submitted electronically using the form, available on the ICPerMed website, and sent in .doc format to the following address: ICPerMed Secretariat Ministry of Health (IT) healthresearch@sanita.it

Evaluation

Proposals evaluation

Proposals will be evaluated in a one-stage process by selecting researchers experienced in the topic supported by the Secretariat members, with final approval by the ICPerMed Executive Committee.

Evaluation Criteria

The proposals will be evaluated according to the following criteria:

1. Knowledge Production

- a. Production of comprehensive, validated, accessible and interoperable datasets for personalized medicine-relevant data
- b. Support for data harmonization in the context of personalized medicine needs
- c. Data integration and interpretation of multifactorial diseases
- d. Enablement of the extraction of structured data from unstructured sources
- e. Development and maintenance of biobanks and population/disease cohorts
- f. Standardization of procedures for data collection and harmonization

2. Research capacity-building and targeting

- a. Use or creation of data infrastructures, digital platforms, and ICT tools to support data management, interoperability, access, and sharing between different PM actors
- b. Development of tools for data integration and interpretation for prevention, diagnostics, and treatment purposes
- c. innovative decision support tools for healthcare providers

3. Informing policy and practice

- a. Optimisation of data security, privacy, and ownership within personalized medicine approaches
- b. Research Infrastructures for science diplomacy - using science collaboration to address common problems and build partnerships internationally
- c. Compliance with GDPR
- d. Adoption of a Data Management Plan
- e. ELSI compliance

4. Population health and health sector benefits

- a. Assessment of the impact of sharing data for researchers and other parties
- b. Research and development of the tools and modus operandi of a knowledge network for enhancing health and digital literacy

- c. Contribution of respective research to health promotion initiatives and health benefits for the society
- d. Numbers of patients enrolled in clinical studies undertaken in clinical research facilities
- e. Reduced health inequalities in health status and healthcare through where respective research/personnel contributed to this
- f. Increased availability of local pool of evidence and evidence “generators” to health
- g. Speed improvement in generating responses in terms of therapies/products/devices

5. Economic impacts:

- a. Patents, invention disclosures, license agreements, and other IP applications and award of commercialization support grants to develop marketable products and revenues generated as a result
- b. Savings to the health system through gains in health service efficiency, improved primary care, or introduction of preventative health measures, where the respective research/personnel contributed to this
- c. Success of involved personnel in attaining international research funding, for example through EU Framework Programmes
- d. Proxy measures of the enhanced international reputation of participating partners and their respective countries for health research (e.g., by attracting pharma industry R&D; formal; collaborative partnerships developed between researchers and industry)
- e. Economic GDP gains from improved patient care and population health where the link to the respective research/study can be established

**For each criterion, it has been described different points can be evaluated.
It doesn't mind the study has to include all of them.**

The proposal will be scored from 1 to 5 (half marks are possible).

Total Score: 1-5:

- 1. Poor: there are serious inherent weaknesses;
- 2. Fair: the proposal broadly addresses the criterion but there are significant weaknesses;
- 3. Good: the proposal addresses the criterion well but with several shortcomings;
- 4. Very good: the proposal addresses the criterion very well but with a small number of shortcomings;
- 5. Excellent: the proposal successfully addresses all relevant aspects of the criterion; any shortcomings are minor

THRESHOLD for an average of each criterion > 2.

The proposal cannot be assessed due to missing or incomplete information.

Based on the evaluation, the highest-ranking proposals will receive the prize. These resumes will be published via the ICPerMed website.

Evaluation process

- 1 — Individual evaluation by experts.
- 2 - Approval of final rank list by the ExCom

Expert evaluation:

Experts work individually. Each expert gives a score for each criterion, with explanatory comments, and prepares an 'individual Evaluation Report (IER)'. They also indicate if the proposal falls entirely outside the scope of the part of the call that they are evaluating.

After carrying out an individual evaluation, an expert will join other experts who have evaluated the same proposal in a consensus group, to agree on a common position, including comments and scores.

The Secretariat assists each group, who seeks a consensus, impartially and ensures that each proposal is evaluated fairly, according to the evaluation criteria.

If the number of applications is higher than 50, the Secretariat organization will explore the need for a face-to-face meeting with the Panel of evaluators. The participation of two Steering Board members and/or Secretariat members as observers could be considered.

Applicants will receive notification of the funding decision and the summaries of the reviewers' comments. A list of successful applicants will be published on the ICPerMed website. There is no appeal process.

Dissemination Scheme

The objective of this recognition is to encourage and disseminate outstanding examples of Clinical Research in Personalised Medicine using clinical datasets and technology to fruitfully impact data sharing among patients, health professionals, and researchers. With this vision, the winner(s) will be invited to the Autumn 2022 ICPerMed Conference on Personalised Medicine and will be allowed to present their results during a plenary session. In addition, the successful candidates will receive a €500.00 worth non-cash support for the dissemination of their Best Practice example by the ICPerMed Secretariat. Recognition winners should provide a publishable summary for the ICPerMed website and funding information. This dissemination aims to provide the winner with an opportunity to seek supplementary dissemination activities that will accelerate and maximize the impact of their data-sharing procedures.

Management

The information on the ICPerMed Recognition 2022 will be available on the webpage of ICPerMed.

The ICPerMed Secretariat will be responsible for the management of the evaluation process. The applicants will be informed about the decisions individually by the ICPerMed Secretariat only after the consensus by the ICPerMed ExCom is achieved.

Ceremony for Recognition Presentation

The selected proposals will be invited as a special lecturer at the Autumn 2022 ICPerMed Conference on Personalised Medicine (date to be confirmed). Travel costs related to the lecturer will be covered by ICPerMed.

Call Schedule

Date	Activity	Comments
April 15 th , 2022	Call Announcement	Website and ICPerMed EXCOM
June 30 th , 2022	Submissions Deadline	
August 10 th , 2022	Deadline for Evaluation/selection of proposal	
September 2022	Winners Announcement	Website ICPerMed, emails & EXCOM
October 2022	Recognition 2022 Ceremony	IC PerMed Autumn Conference 2022