Ubiquitous Pharmacogenomics (U-PGx): Making actionable pharmacogenomic data and effective treatment optimization accessible to every European citizen

From 2016-01-01 to 2020-12-31, ongoing project | U-PGx Website

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tbody>
<tr>
<td>EUR 14 936 613,25</td>
<td>PHC-24-2015 - Piloting personalised medicine in health and care systems</td>
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<tr>
<th>EU contribution:</th>
<th>Call for proposal:</th>
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<td>EUR 14 936 613,25</td>
<td>H2020-PHC-2015-two-stage See other projects for this call</td>
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<tr>
<th>Coordinated in:</th>
<th>Funding scheme:</th>
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<td>Netherlands</td>
<td>RIA - Research and Innovation action</td>
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Objective

Pharmacogenomics is the study of genetic variability affecting an individual’s response to a drug. Its use allows personalized medicine and reduction in ‘trial and error’ prescribing leading to more efficacious, safer and cost-effective drug therapy. The U-PGx consortium will investigate a pre-emptive genotyping approach (that is: multiple pharmacogenomic variants are collected prospectively and embedded into the patients’ electronic record) of a panel of important pharmacogenomic variants as a new model of personalised medicine. To meet this goal we combine existing pharmacogenomics guidelines and novel health IT solutions. Implementation will be conducted at a large scale in seven existing European health care environments and accounts for the diversity in health system organisations and settings. Feasibility, health outcome and cost-effectiveness will be investigated. We will formulate European strategies for improving clinical implementation of pharmacogenomics based on the findings of this project.

Related information

Report Summaries

Periodic Reporting for period 1 - U-PGx (Ubiquitous Pharmacogenomics (U-PGx): Making actionable pharmacogenomic data and effective treatment optimization accessible to every European citizen)
Coordinator

ACADEMISCH ZIEKENHUIS LEIDEN
ALBINUSDREEF 2
2333 ZA LEIDEN
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EU contribution: EUR 2,881

Activity type: Higher or Secondary Education Establishments
Contact the organisation

Participants

THE UNIVERSITY OF LIVERPOOL
BROWNLOW HILL 765 FOUNDATION BUILDING
L69 7ZX LIVERPOOL
United Kingdom

EU contribution: EUR 1,078,330

Activity type: Higher or Secondary Education Establishments
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BUNDESINSTITUT FUR ARZNEIMITTEL UND MEDIZINPRODUKTE
KURT GEORG KIESINGER ALLEE 3
53175 BONN
Germany

EU contribution: EUR 393,125

Activity type: Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)
Contact the organisation

KAROLINSKA INSTITUTET
Nobels Vag 5
17177 STOCKHOLM
Sweden

EU contribution: EUR 665

Activity type: Higher or Secondary Education Establishments
Contact the organisation

THE GOLDEN HELIX FOUNDATION
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EU contribution: EUR 706,250

Activity type: Research Organisations
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Netherlands  
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**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

**Contact the organisation**

EU contribution: EUR 1 136 108,25

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**Activity type:** Private for-profit entities (excluding Higher or Secondary Education Establishments)

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EU contribution: EUR 2 316 125

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**Activity type:** Research Organisations

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EU contribution: EUR 167 840

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SPITALGASSE 23  
1090 WIEN  
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See on map

**Activity type:** Higher or Secondary Education Establishments

**Contact the organisation**

EU contribution: EUR 1 429 783,75

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**Activity type:** Higher or Secondary Education Establishments

**Contact the organisation**

EU contribution: EUR 280 055
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VON KRAEMERS ALLE 4
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**Activity type:** Higher or Secondary Education Establishments

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EU contribution: EUR 294,583,75

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**Activity type:** Research Organisations

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EU contribution: EUR 875,380

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**Activity type:** Public bodies (excluding Research Organisations and Secondary or Higher Education Establishments)

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EU contribution: EUR 810,937,50

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**Activity type:** Higher or Secondary Education Establishments

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EU contribution: EUR 909,375

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Slovenia

**Activity type:** Higher or Secondary Education Establishments

Contact the organisation

EU contribution: EUR 430,825
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Activity type: Research Organisations

Contact the organisation

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