REPLIXCEL
Project ID: 251420
Funded under: FP7-PEOPLE

Highly efficient new generation synthetic RNA-replicon based vaccine

From 2010-04-01 to 2014-03-31, closed project

Project details

<table>
<thead>
<tr>
<th>Total cost:</th>
<th>Topic(s):</th>
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<tbody>
<tr>
<td>EUR 2 591 172</td>
<td>FP7-PEOPLE-2009-IAPP - Marie Curie Action: &quot;Industry-Academia Partnerships and Pathways&quot;</td>
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<th>Coordinated in:</th>
<th>Funding scheme:</th>
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<td>United Kingdom</td>
<td>MC-IAPP - Industry-Academia Partnerships and Pathways (IAPP)</td>
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Objective

The project seeks to create a novel, efficacious vaccine against influenza virus; a new type of synthetic vaccine readily adaptable to meet whichever influenza virus subtype may arise. A new generation of RNA-replicon technology will be employed combined with nanoparticles and innovative adjuvants for targeting of dendritic cells and efficient antigen expression. The consortium comprises two SMEs and two academic institutions each having unique and patented expertise such as replicon technology, nanoparticle technology, adjuvant chemistry, and surface modification chemistry to attach targeting moieties. As a highly interdisciplinary project, extensive exchange of knowledge between the project partners will be required in particular between product focused SMEs (nanoparticles, adjuvants) and technology excellence of academic institutions (replicon technology, surface modification chemistry).

Related information

**Result In Brief**

RNA-based influenza vaccine

**Report Summaries**

Final Report Summary - REPLIXCEL (Highly efficient new generation synthetic RNA-replicon based vaccine)
Coordinator

THE UNIVERSITY OF MANCHESTER
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EU contribution: EUR 799 522

Activity type: Higher or Secondary Education Establishments

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Participants

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EU contribution: EUR 739 085

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

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EU contribution: EUR 303 725

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

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**EU contribution:** EUR 748 840

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

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**Subjects**
Education and Training - Innovation and Technology Transfer - Scientific Research

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