From the earliest modern humans to the onset of farming (45,000-4,500 BP): the role of climate, life-style, health, migration and selection in shaping European population history

Informationsblatt

Ziel

The colonisation of Europe by anatomically modern humans (AMHs) ca. 45,000 years before present (BP) and the transition to farming ca. 8,000 BP are two major events in human prehistory. Both events involved certain cultural and biological adaptations, technological innovations, and behavioural plasticity which are unique to our species. The reconstruction of these processes and the causality between them has so far remained elusive due to technological, methodological and logistical complexities. Major developments in our understanding of the anthropology of the Upper Palaeolithic, Mesolithic and Neolithic, and advances in ancient DNA (aDNA) technology and chronometric methods now allow us to assess in sufficient resolution...
technology and chronometric methods now allow us to assess in sufficient resolution the interface between these evolutionary processes, and changes in human culture and behaviour.

The proposed research will investigate the complex interface between the morphological, genetic, behavioural, and cultural factors that shaped the population history of European AMHs. The PI’s interdisciplinary expertise in these areas, his access to and experience of relevant skeletal collections, and his ongoing European collaborations will allow significant progress in addressing these fundamental questions. The approach taken will include (a) the collection of bioarchaeological, aDNA, stable isotope (for the analysis of ancient diet) and radiometric data on 500 skeletons from key sites/phases in Europe and western Anatolia, and (b) the application of existing and novel aDNA, bioarchaeological and simulation methodologies. This research will yield results that transform our current understanding of major demographic and evolutionary processes and will place Europe at the forefront of anthropological biological and genetic research.

**Wissenschaftliches Gebiet**

/Sozialwissenschaften/Soziologie/Anthropologie  
/Geisteswissenschaften/Geschichte und Archäologie/Geschichtswissenschaft  
/Agrarwissenschaften/Tier- und Molkereiwissenschaft

**Programm/Programme**

**Thema/Themen**

**Aufforderung zur Vorschlagseinreichung**

ERC-2010-StG_20091209

**Finanzierungsplan**

ERC-SG - ERC Starting Grant

**Gastgebende Einrichtung**

UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN

Adresse  
Belfield

Aktivitätstyp  
Higher or Secondary

EU-Beitrag  
€ 579 572,61
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Land</th>
<th>EU-Beitrag</th>
<th>Adresse</th>
<th>Kontakt Verwaltung</th>
</tr>
</thead>
<tbody>
<tr>
<td>UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN</td>
<td>Irland</td>
<td>€ 579 572,61</td>
<td>Belfield 4 Dublin</td>
<td>Donal Doolan (Mr.)</td>
</tr>
<tr>
<td>THE PROVOST, FELLOWS, FOUNDATION SCHOLARS &amp; THE OTHER MEMBERS OF BOARD OF</td>
<td>Irland</td>
<td>€ 177 600</td>
<td>College Green 2 Dublin</td>
<td>Deirdre Savage (Ms.)</td>
</tr>
<tr>
<td>THE COLLEGE OF THE HOLY &amp; UNDIVIDED TRINITY OF QUEEN ELIZABETH NEAR DUBLIN</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>JOHANNES GUTENBERG-UNIVERSITAT MAINZ</td>
<td>Deutschland</td>
<td>€ 21 346,86</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
UNIVERSITY OF YORK
United Kingdom
EU-Beitrag
€ 72 926,76
Adresse
Aktivitätstyp
Heslington
YO10 5DD York North
Yorkshire
Website
Die Organisation kontaktieren
Kontakt Verwaltung
Belen Rebollo (Ms.)

UNIVERSITY COLLEGE CORK - NATIONAL UNIVERSITY OF IRELAND, CORK
Irland
EU-Beitrag
€ 163 423,02
Adresse
Aktivitätstyp
Western Road
T12 YN60 Cork
Website
Die Organisation kontaktieren
Kontakt Verwaltung
David O’connell (Dr.)

UNIVERSITAET POTSDAM
Deutschland
EU-Beitrag
€ 73 516,75
Adresse
Aktivitätstyp
Am Neuen Palais 10
14469 Potsdam
Website
Die Organisation kontaktieren
Kontakt Verwaltung
Julia Dore (Ms.)
Letzte Aktualisierung: 1 August 2019
Aktenzeichen: 97532

Permalink: https://cordis.europa.eu/project/id/263441//de

© European Union, 2020