Objective

Advances in digital pathology are generating huge volumes of whole slide and tissue microarray images which are providing new insights into the causes of some of today’s most devastating diseases. They also present tremendous opportunities for developing and evaluating new and more effective treatments that may revolutionize the care of patients with cancers and other diseases. The challenge is to exploit the new and emerging digital pathology technologies effectively in order to process and model all the heterogeneous tissue-derived data. This requires joint research projects and collaborative programmes between academia and industry. Thus, biomedical scientists will be equipped with broad knowledge and tools of modern imaging and data processing as well as analysis technologies, whereas engineers with have an understanding of the complex disease processes and the clinical needs. This will help developing efficient and innovative products to fulfil the needs of digital pathology. The AIDPATH project addresses this challenge through a focused research, including research training aiming to knowledge sharing and career
development in this emerging multidisciplinary field. AIDPATH will research and develop: a) state of the art medical image display technology for digital pathology, b) novel image analysis solutions and knowledge discovery tools for future pathology diagnosis and research and c) state of the art solutions for biomarker evaluation and quantification. The first application will be breast cancer, though the applicability of the implemented methods and tools to other major diseases will be analysed.

**Field of science**

/medical and health sciences/basic medicine/pathology
/medical and health sciences/clinical medicine/oncology/cancer
/medical and health sciences/clinical medicine/oncology/cancer/breast cancer
/natural sciences/computer and information sciences/data science/data processing

**Programme(s)**

**Topic(s)**

**Call for proposal**

FP7-PEOPLE-2013-IAPP

**Funding Scheme**

MC-IAPP - Industry-Academia Partnerships and Pathways (IAPP)

**Coordinator**

**UNIVERSIDAD DE CASTILLA - LA MANCHA**

Address
Calle Altagracia 50
13071 Ciudad Real
Spain

Activity type
Higher or Secondary Education Establishments

EU contribution
€ 325 630,17

**Website**

Contact the organisation

Administrative Contact
Maria Llanos Carrión Varela (Ms.)

**Participants (10)**
ASTRAZENECA UK LIMITED

United Kingdom

EU contribution
€ 635 236,14

Address
1 Francis Crick Avenue
Cambridge Biomedical Campus
CB2 0AA Cambridge

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

Website
Contact the organisation

Administrative Contact
Chris Womack (Prof.)

BARCO NV

Belgium

EU contribution
€ 420 097,70

Address
President Kennedypark 35
8500 Kortrijk

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

Contact the organisation

Administrative Contact
Dominique Segers (Dr.)

TISSUEGNOSTICS GMBH

Austria

EU contribution
€ 475 881,83

Address
Taborstrasse 10/2
1020 Vienna

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

Contact the organisation

Administrative Contact
Rupert Ecker (Dr.)
<table>
<thead>
<tr>
<th>Organisation</th>
<th>Country</th>
<th>EU Contribution</th>
<th>Address</th>
<th>Activity Type</th>
</tr>
</thead>
<tbody>
<tr>
<td>Leica Microsystems CMS GmbH</td>
<td>Germany</td>
<td>€ 188,845.92</td>
<td>Ernst-leitz-strasse 3, 35578 Wetzlar</td>
<td>Private for-profit entities (excluding Higher or Secondary Education Establishments)</td>
</tr>
<tr>
<td>UNIVERSITA DEGLI STUDI DI UDINE</td>
<td>Italy</td>
<td>€ 154,195.60</td>
<td>Via Palladio 8, 33100 Udine</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>UNIVERSITATEA DE MEDICINA SI FARMACIE GR.T.POPA IASI</td>
<td>Romania</td>
<td>€ 108,527.74</td>
<td>Strada Universitatii 16, 700115 Iasi</td>
<td>Higher or Secondary Education Establishments</td>
</tr>
<tr>
<td>THE UNIVERSITY OF NOTTINGHAM</td>
<td>United Kingdom</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
SERVICIO DE SALUD DE CASTILLA LA MANCHA
Spain
€ 164 898,76

Address
Avenida Rio Guadiana 4
45007 Toledo

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

Website
Contact the organisation

Administrative Contact
Marcial García-Rojo (Dr.)

VIESOJI ISTAIGA VILNIAUS UNIVERSITETO LIGONINE SANTAROS KLINIKOS
Lithuania
€ 136 632,92

Address
Santariskiu G 2
08661 Vilnius

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

Website
Contact the organisation

Administrative Contact
Arvydas Laurinavicius (Prof.)

LOUGHBOROUGH UNIVERSITY
United Kingdom
€ 187 516,12

Address
Activity type