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Diagnostic and prognostic biomarkers for inflammatory bowel disease
IBD-BIOM

Fact Sheet

Project Information

IBD-BIOM

Grant agreement ID: 305479

[Project website](#) 

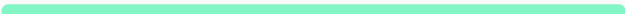
Project closed

Start date

1 October 2012

End date

30 September 2016



Funded under

Specific Programme "Cooperation": Health

Total cost

€ 8 550 991,99

EU contribution

€ 5 999 611,00

Coordinated by

THE UNIVERSITY OF
EDINBURGH

 United Kingdom

This project is featured in...



Extreme space weather: let's get ready

Objective

Inflammatory bowel diseases affect 0.8% of the Europeans, and are associated with high morbidity, definite mortality and an increasing economic burden. Current diagnostic tools and therapeutics for IBD are unsatisfactory. Development of biomarkers allowing insights into pathogenesis, prognosis and targeted therapy is a major unmet need. This programme addresses that need. IBD-BIOM is a multidisciplinary consortium of leading academic and industrial SME researchers in inflammatory bowel disease, genomics, glycomics, glycoproteomics and activomics. Recent genome-wide association studies performed by IBD-BIOM partners have identified nearly 100 genes associated with IBD, but clinical application of these is so far limited. IBD-BIOM will capitalise on its existing high quality clinical, genetic, biochemical and immunological data and biological samples on over 6000 very well characterised IBD patients and controls by exploiting novel technological approaches made available through the expertise and global leading position of IBD-BIOM partners. These comprise cutting edge epigenetic, glycomic, glycoproteomic and activomic approaches which were all previously reported to be associated with inflammation and disturbances to the immune system. The inclusion of these complementary analyses in the diagnostics of IBD should also facilitate elucidation of pathways through which environmental exposures influence IBD risk and progression. A complex systems biology approach will be used to integrate, interrogate and understand this multidimensional dataset to identify novel early diagnostic and prognostic biomarkers and new targets for therapeutic intervention. The track record of achievement of IBD-BIOM partners coupled to the central and leading positions of the research-intensive SME partners in IBD-BIOM is a strong indication that the ambitions work programme will be achieved and a framework to facilitate swift conversion of research discoveries into commercial products.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [genetics](#)

[social sciences](#) > [sociology](#) > [demography](#) > [mortality](#).

[medical and health sciences](#) > [clinical medicine](#) > [gastroenterology](#) > [inflammatory bowel disease](#)

[medical and health sciences](#) > [basic medicine](#) > [immunology](#).



Programme(s)

[FP7-HEALTH - Specific Programme "Cooperation": Health](#)

Topic(s)

[HEALTH.2012.2.4.5-2 - Biomarkers and diagnostics for chronic inflammatory diseases of the joints and/or digestive system](#)

Call for proposal

FP7-HEALTH-2012-INNOVATION-1

[See other projects for this call](#)

Funding Scheme

[CP-FP - Small or medium-scale focused research project](#)

Coordinator



THE UNIVERSITY OF EDINBURGH

EU contribution

€ 1 336 174,45

Total cost

No data

Address

OLD COLLEGE, SOUTH BRIDGE

EH8 9YL Edinburgh

 **United Kingdom** 

Region

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Participants (10)



GENOS DOO ZA VJESTACENJE I ANALIZU

Croatia

EU contribution

€ 988 360,00

Address

DRNISKA ULICA 9
31000 OSIJEK

Region

Hrvatska > Panonska Hrvatska > Osječko-baranjska županija

Activity type

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

Links

[Contact the organisation](#) [Website](#)

[Participation in EU R&I programmes](#)

[HORIZON collaboration network](#)

Total cost

No data



LUDGER LIMITED

United Kingdom

EU contribution

€ 392 948,00

Address

CULHAM SCIENCE CENTRE - BUILDING E1
OX14 3EB Abingdon 

Region

South East (England) > Berkshire, Buckinghamshire and Oxfordshire > Oxfordshire

Activity type

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

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



IP RESEARCH CONSULTING SASU

 France

EU contribution

€ 424 000,00

Address

QUAI DES DEUX PONTS 31
93160 NOISY LE GRAND 

Region

Ile-de-France > Ile-de-France > Seine-Saint-Denis

Activity type

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

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



AZIENDA OSPEDALIERO-UNIVERSITARIA CAREGGI

 Italy

EU contribution

€ 508 466,67

Address

LARGO G.A. BRAMBILLA 3
50134 Firenze 

Region

Centro (IT) > Toscana > Firenze

Activity type

Research Organisations

Links

- [Contact the organisation](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



ACADEMISCH ZIEKENHUIS LEIDEN

 Netherlands

EU contribution

€ 542 800,00

Address

ALBINUSDREEF 2
2333 ZA Leiden 

Activity type

Higher or Secondary Education Establishments

Links

- [Contact the organisation](#)  [Website](#) 
- [Participation in EU R&I programmes](#) 
- [HORIZON collaboration network](#) 

Total cost

No data



FACULTY OF SCIENCE UNIVERSITY OF ZAGREB

 Croatia

EU contribution

€ 552 146,00

Address

HORVATOVAC 102/A
10000 Zagreb 

Region

Hrvatska > Grad Zagreb > Grad Zagreb

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



MAX-PLANCK-GESELLSCHAFT ZUR FORDERUNG DER WISSENSCHAFTEN EV

 Germany

EU contribution

€ 567 050,00

Address

HOFGARTENSTRASSE 8
80539 Munchen 

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 
[Participation in EU R&I programmes](#) 
[HORIZON collaboration network](#) 

Total cost

No data



CEDARS-SINAI MEDICAL CENTER

 United States

EU contribution

€ 662 665,88

Address

BEVERLY BOULEVARD 8700
90048 Los Angeles Ca 

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



Edith Cowan University 

 Australia

EU contribution

No data

Address

Joondalup Drive 270
6027 Joondalup 

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data



UNIVERSITEIT MAASTRICHT

 Netherlands

EU contribution

€ 25 000,00

Address

MINDERBROEDERSBERG 4
6200 MD Maastricht 

Region

Zuid-Nederland > Limburg (NL) > Zuid-Limburg

Activity type

Higher or Secondary Education Establishments

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Total cost

No data

Last update: 5 April 2023

Permalink: <https://cordis.europa.eu/project/id/305479>

European Union, 2025