EURopeAn MEDical application and Radiation prOteCtion Concept: strategic research agenda aNd ROadmap interLinking to heaLth and digitisation aspects

Fact Sheet

Project Information

EURAMED rocc-n-roll

Grant agreement ID: 899995

Funded under
Euratom

Total cost
€ 1 959 175

EU contribution
€ 1 959 175

DOl
10.3030/899995

Start date
1 September 2020

End date
31 August 2023

Coordinated by
EIBIR GEMEINNUTZIGE GMBH ZUR FORDERUNG DER ERFORSCHUNG DER BIOMEDIZINISCHEN BILDGEBUNG

Austria

Project description

Protection from radiation in medicine

In the medical sector, ionising radiation is used for X-rays and other medical imaging tests. Exposure to ionising radiation may present risks to patients. The EU-funded
EURAMED rocc-n-roll project will analyse research and radiation protection needs in relevant clinical disciplines by engaging a wide range of disciplines and stakeholders and supporting clinical translation. EURAMED rocc-n-roll will generate a strategic research agenda for research and innovation in medical applications using ionising radiation and radiation protection, and a relevant roadmap. It will also formulate recommendations for future research, including the eventual necessity for centres of excellence in this field. Moreover, education and training schemes for health workforce and scientists will be developed to increase Europe’s research capacity in the field.

**Objective**

The 3-year EURAMED rocc-n-roll project aims to propose an integrated and coordinated European approach to research and innovation in medical applications of ionising radiation and related radiation protection based on stakeholder consensus and existing activities in the field (incl. existing SRAs of radiation protection platforms, EC health and digitisation programmes, EURATOM-funded projects, SAMIRA initiative). To achieve this, research and radiation protection needs in the clinical disciplines using ionising radiation will be analysed with the aim to generate the largest benefit for the European population in an equal, safe, high-quality way throughout Europe, by fostering clinical translation, while also strengthening economic growth and industrial competitiveness, supported by research and innovation in the field.

Representation of relevant radiation protection disciplines like radiation biology, dosimetry for medical applications, ethics as well as clinical expertise in the fields of radiology, nuclear medicine, radiation therapy, oncology, cardiovascular diseases, neurology, paediatrics complemented by regulatory and health policy, AI and industry experts in the consortium will ensure a fully integrative approach and allow a broader framework of quality and safety in healthcare. Based on wide stakeholder input and consultation on above aspects, EURAMED rock-n-roll will produce an SRA for medical applications of ionising radiation and related radiation protection and a corresponding roadmap, as well as an interlink document, integrating the views and identifying synergies from the areas of radiation protection, health research and digitisation, with impactful guidance to the EC and stakeholders on future research including the potential needs for centres of excellence in this area. This will be accompanied by education and training schemes for health workforce and scientists to increase Europe’s research capacity in the field.

**Fields of science**

- medical and health sciences 
- clinical medicine 
- radiology 
- nuclear medicine 
- medical and health sciences 
- clinical medicine 
- cardiology 
- cardiovascular diseases
Programme(s)

H2020-Euratom - Euratom  MAIN PROGRAMME

H2020-Euratom-1. - Indirect actions

Topic(s)


Call for proposal

NFRP-2019-2020

See other projects for this call

Funding Scheme

CSA - Coordination and support action

Coordinator

EIBIR GEMEINNUTZIGE GMBH ZUR FORDERUNG DER ERFORSCHUNG DER BIOMEDIZINISCHEN BILDGEBUNG

Net EU contribution
€ 340 000,00

Address
Am Gestade 1
1010 Wien
Austria

Region
Wien

Activity type
Research Organisations
Participants (28)

OTTO-VON-GUERICKE-UNIVERSITAET MAGDEBURG
Germany
Net EU contribution
€ 265,641.25
Address
Universitaetsplatz 2
39106 Magdeburg
Region
Sachsen-Anhalt > Sachsen-Anhalt > Magdeburg, Kreisfreie Stadt
Activity type
Higher or Secondary Education Establishments
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

UNIVERSITE PARIS CITE
France
Net EU contribution
€ 19,375,00
Address
85 Bd Saint Germain
75006 Paris
Region
**Activity type**
Higher or Secondary Education Establishments

**Links**
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

**Other funding**
€ 0,00
**Region**
*Niedersachsen > Braunschweig > Salzgitter, Kreisfreie Stadt*

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

**Links**
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

**Other funding**
€ 0,00

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**RUDER BOSKOVIC INSTITUTE**
* Croatia

Net EU contribution
€ 35 500,00

**Address**
Bijenicka Cesta 54
10000 Zagreb

**Region**
*Hrvatska > Grad Zagreb > Grad Zagreb*

**Activity type**
Research Organisations

**Links**
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

**Other funding**
€ 0,00

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**THE UNIVERSITY OF EXETER**
* United Kingdom

Net EU contribution
€ 52 382,50

**Address**
The Queen's Drive Northcote House
EX4 4QJ Exeter

Region
South West (England) > Devon > Devon CC

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation  Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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STUDIECENTRUM VOOR KERNENERGIE / CENTRE D'ETUDE DE L'ENERGIE NUCLEAIRE

Belgium

Net EU contribution
€ 50,256,25

Address
Avenue Herrmann Debroux 40
1160 Bruxelles

Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type
Research Organisations

Links
Contact the organisation  Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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ORGANISATION EUROPEENNE POUR LA RECHERCHE NUCLEAIRE
**Switzerland**

Net EU contribution

€ 28,375,00

Address

Esplanade Des Particules 1 Parcelle 11482 De Meyrin Batiment Cadastral 1046
1211 Geneve 23

Region

Schweiz/Suisse/Svizzera > Région lémanique > Genève

Activity type

Research Organisations

Links

Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding

€ 0,00

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**INSTITUT DE RADIOPROTECTION ET DE SURETE NUCLEAIRE**

France

Net EU contribution

€ 49,773,75

Address

Av De La Division Leclerc 31
92260 Fontenay Aux Roses

Region

Ile-de-France > Ile-de-France > Hauts-de-Seine

Activity type

Research Organisations

Links

Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

Other funding

€ 0,00
UMEA UNIVERSITET

Sweden

Net EU contribution

€ 70 875,00

Address

Universitetomradet
901 87 Umeå

Region

Norra Sverige > Övre Norrland > Västerbottens län

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

FUNDACIO PRIVADA INSTITUT D’INVESTIGACIO ONCOLOGICA DE VALL-HEBRON (VHIO)

Spain

Net EU contribution

€ 35 000,00

Address

Calle Nazaret 115-117
08035 Barcelona

Region

Este > Cataluña > Barcelona

Activity type

Research Organisations

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00
UNIVERSITAETSKLINIKUM FREIBURG

Germany

Net EU contribution

€ 22 062,50

Address

Hugstetter Strasse 49
79106 Freiburg

Region

Baden-Württemberg > Freiburg > Freiburg im Breisgau, Stadtkreis

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

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FONDAZIONE TOSCANA GABRIELE MONASTERIO PER LA RICERCA MEDICA E DI SANITA PUBBLICA

Italy

Net EU contribution

€ 35 790,00

Address

Via Trieste 41
56126 Pisa

Region

Centro (IT) > Toscana > Pisa

Activity type

Research Organisations

Links

Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00
LUDWIG-MAXIMILIANS-UNIVERSITAET MUENCHEN

Net EU contribution

€ 20 000,00

Address

Geschwister Scholl Platz 1
80539 Muenchen

Region

Bayern > Oberbayern > München, Kreisfreie Stadt

Activity type

Higher or Secondary Education Establishments

Links

Contact the organisation  Website  Participation in EU R&I programmes
HORIZON collaboration network

Other funding

€ 0,00

ISTITUTO DI RICOVERO E CURA A CARATTERE SCIENTIFICO BURLO GAROFOLO

Net EU contribution

€ 33 906,25

Address

Via Dell'istria 65/1
34137 Trieste

Region

Nord-Est > Friuli-Venezia Giulia > Trieste

Activity type

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

Links

Contact the organisation  Website  Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

EUROPEAN CANCER ORGANISATION
Belgium
Net EU contribution
€ 34 750,00
Address
Rue Egmont 13
1000 Bruxelles
Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad
Activity type
Other
Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network
Other funding
€ 0,00

COMMISSARIAT A L ENERGIE ATOMIQUE ET AUX ENERGIES ALTERNATIVES
France
Net EU contribution
€ 35 062,50
Address
Rue Leblanc 25
75015 Paris 15
Region
Ile-de-France > Ile-de-France > Paris
Activity type
Research Organisations
TARTU ULIKOOL
Estonia
Net EU contribution
€ 70,322.50
Address
Ulikooli 18
51005 Tartu
Region
Eesti > Eesti > Lõuna-Eesti
Activity type
Higher or Secondary Education Establishments
Other funding
€ 0,00

STICHTING HET NEDERLANDS KANKER INSTITUUT-ANTONI VAN LEEUWENHOEK ZIEKENHUIS
Netherlands
Net EU contribution
€ 35,031.25
Address
Plesmanlaan 121
1066 CX Amsterdam
Region
West-Nederland > Noord-Holland > Groot-Amsterdam
**UNIVERSITY COLLEGE DUBLIN, NATIONAL UNIVERSITY OF IRELAND, DUBLIN**

Ireland  
Net EU contribution  
€ 50 152,50

Address  
Belfield  
4 Dublin

Region  
Ireland > Eastern and Midland > Dublin

**Activity type**  
Higher or Secondary Education Establishments

**Links**  
Contact the organisation  
Website  
Participation in EU R&I programmes  
HORIZON collaboration network

**Other funding**  
€ 0,00

**COMITE EUROPEEN DE COORDINATION DES INDUSTRIES RADIOLOGIQUES ELECTROMEDICALES ET D INFORMATIQUE DE SANTE AISBL**

Belgium  
Net EU contribution  
€ 20 000,00

Address  
Boulevard Auguste Reyers 80  
1030 Bruxelles
Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type
Other

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

NEMZETI NEPEGESZSEGUGYI KOZPONT

Hungary

Net EU contribution
€ 34 625,00

Address
Albert Florian Ut 2-6
1097 Budapest

Region
Közép-Magyarország > Budapest > Budapest

Activity type
Research Organisations

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

INSTITUTO POLITECNICO DE COIMBRA

Portugal

Net EU contribution
€ 73 775,00

15 of 19
Address
Rua Da Misericordia, Lagar Dos Corticos
3045-093 Coimbra

Region
Continente > Centro (PT) > Região de Coimbra

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

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EUROPEAN UNIVERSITY - CYPRUS LTD
Cyprus

Net EU contribution
€ 34 750,00

Address
Diogenes Street 6 Engomi
22006 Nicosia

Region
Κύπρος > Κύπρος > Κύπρος

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation
Website
Participation in EU R&I programmes
HORIZON collaboration network

Other funding
€ 0,00

---

ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM
Netherlands

Net EU contribution
Address
Dr Molewaterplein 40
3015 GD Rotterdam

Region
West-Nederland > Zuid-Holland > Groot-Rijnmond

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

EUROPEAN ALLIANCE FOR MEDICAL RADIATION PROTECTION RESEARCH (EURAMED)EUROPAISCHE ALLIANZ FUR STRAHLENSCHUTZ-FORSCHUNG IM MEDIZIN

Austria

Net EU contribution
€ 268 375,00

Address
Am Gestade 1
1010 Wien

Region
Wien > Wien

Activity type
Other

Links
Contact the organisation Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00
UNIVERSITEIT GENT

Belgium
Net EU contribution
€ 39 437,50

Address
Sint Pietersnieuwstraat 25
9000 Gent

Region
Vlaams Gewest > Prov. Oost-Vlaanderen > Arr. Gent

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00

VRIJE UNIVERSITEIT BRUSSEL

Belgium
Net EU contribution
€ 28 875,00

Address
Pleinlaan 2
1050 Brussel

Region
Région de Bruxelles-Capitale/Brussels Hoofdstedelijk Gewest > Région de Bruxelles-Capitale/ Brussels Hoofdstedelijk Gewest > Arr. de Bruxelles-Capitale/Arr. Brussel-Hoofdstad

Activity type
Higher or Secondary Education Establishments

Links
Contact the organisation Website Participation in EU R&I programmes HORIZON collaboration network

Other funding
€ 0,00