Objective

Survival rates after childhood cancer now reach nearly 80% in developed European countries as a result of more effective therapies and better supportive care, leading to a steady increase in the number of survivors in the population. However, the treatments that have improved survival are harsh and cause serious side-effects that can greatly impact survivors’ quality of life in the long term. The goal of PanCareLIFE is that survivors of cancer diagnosed before age 25 should enjoy the same quality of life and opportunities as their peers who have not had cancer. Using observational studies and molecular genetic investigations PanCareLIFE will investigate late...
effects that impact fertility and hearing impairment (ototoxicity), and will assess health-related quality of life. Information from PanCareLIFE’s studies will be incorporated into new guidelines for fertility preservation. As the number of survivors with late effects in any one country is small, large cohorts are required for accurate estimation of risk. PanCareLIFE has assembled a team of prominent investigators from 8 European countries who will contribute in total over 12,000 well-characterised research subjects to identify risk factors, both genetic and non-genetic, linked to decrements in fertility and ototoxicity. Quality-of-life studies will evaluate the impact of fertility and ototoxicity. PanCareLIFE will advance the state-of-the-art in survivorship studies by evaluation of large cohorts with observational and genetic tools that will provide better knowledge of individual risk factors. Survivors can then be stratified into groups benefitting from personalized, evidence-based, care; future patients may expect effective therapies to have less severe side effects, and plans for a seamless transition to long-term follow-up care can be made. These approaches will result in better quality of life for survivors of cancer diagnosed at a young age.

Field of science

/medical and health sciences/clinical medicine/cancer
/social sciences/sociology/demography/fertility

Programme(s)

Topic(s)

Call for proposal

FP7-HEALTH-2013-INNOVATION-1

Funding Scheme

CP-FP - Small or medium-scale focused research project

Coordinator

UNIVERSITÄTSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITÄT MAINZ

Address

Activity type

EU contribution

€ 911 972,55
Participants (19)

BOYNE RESEARCH INSTITUTE LIMITED

Ireland

€ 304 040,45

Address

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A92 RY6K Drogheda Louth

Website

Contact the organisation

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Address

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Administrative Contact

Ciaran Clissmann (Mr.)

ACADEMISCH MEDISCH CENTRUM BIJ DE UNIVERSITEIT VAN AMSTERDAM

Netherlands

€ 437 430,46

Address

Activity type

Higher or Secondary Education Establishments
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Address
Via Gerolamo Gaslini 5
16147 Genova

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

Website

Contact the organisation

Administrative Contact
Maria Gabriella Marinari (Dr.)

FAKULTNI NEMOCNICE BRNO
Czechia
EU contribution
€ 194 348,04

Address
Jihlavská 20
625 00 Brno

Activity type
Research Organisations

Website

Contact the organisation

Administrative Contact
Tomas Kepak (Dr.)

CENTRE HOSPITALIER UNIVERSITAIRE SAINT ETIENNE - CHU
France
EU contribution
€ 127 820,34

Address
42055 Saint Etienne

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

Website

Contact the organisation

Administrative Contact
Claire Berger (Dr.)

KRAEFTENS BEKAEMPELSE
Denmark
EU contribution
€ 99 608,80

Address
Strandboulevarden 49
2100 København

Activity type
Research Organisations
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Germany
EU contribution
€ 388,020,24

Address
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Administrative Contact
Beate Becker (Mrs.)

STICHTING VUMC
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EU contribution
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UNIVERSITAETSKLINIKUM ESSEN
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EU contribution
€ 18,898,75

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Record number: 109332

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