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

UNIVERSITAETSMEDIZIN DER JOHANNES GUTENBERG-UNIVERSITAET MAINZ

Address

Activity type

EU contribution

€ 911 972,55
Participants (19)

BOYNE RESEARCH INSTITUTE LIMITED

Ireland
EU contribution
€ 304 040,45
Address
5 Bolton Square East
A92 RY6K Drogheda Louth
Activity type
Research Organisations
Website
Contact the organisation
Administrative Contact
Julianne Byrne (Dr.)

PINTAIL LTD

Ireland
EU contribution
€ 159 007,85
Address
Springhill Avenue 77
A94 K542 Blackrock
Activity type
Private for-profit entities (excluding Higher or Secondary Education Establishments)
Website
Contact the organisation
Administrative Contact
Ciaran Clissmann (Mr.)

ACADEMISCH MEDISCH CENTRUM BIJ DE UNIVERSITEIT VAN AMSTERDAM

Netherlands
EU contribution
€ 437 430,46
Address
Activity type
| Meibergdreef 15 |
| 1105AZ Amsterdam |
| Higher or Secondary Education Establishments |
| Website [open] |
| Administrative Contact |
| Georgiev Sylvia (Ms.) |

**UNIVERSITATSKLINIKUM ERLANGEN**

- **Country**: Germany
- **Address**: Maximiliansplatz 2, 91054 Erlangen
- **Activity type**: Higher or Secondary Education Establishments
- **Website**: [open]
- **Administrative Contact**: Katrin Faber (Dr.)

**STICHTING VU**

- **Country**: Netherlands
- **EU contribution**: € 199 081,16
- **Address**: De Boelelaan 1105, 1081 HV Amsterdam
- **Activity type**: Higher or Secondary Education Establishments
- **Website**: [open]
- **Administrative Contact**: Eline Van Dulmen-Den Broeder (Dr.)

**ERASMUS UNIVERSITAIR MEDISCH CENTRUM ROTTERDAM**

- **Country**: Netherlands
- **EU contribution**: € 1 093 948,80
- **Address**: Dr Molewaterplein 40, 3015 GD Rotterdam
- **Activity type**: Higher or Secondary EducationEstablishments
- **Website**: [open]
- **Administrative Contact**: Ellen Schenk (Dr.)
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<td>Julija Winschel (Mrs.)</td>
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<td>Hochschulstrasse 6, 3012 Bern</td>
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<td>Claudia Kuehni (Prof.)</td>
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<td>France</td>
<td>42055 Saint Etienne</td>
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FAKULTNI NEMOCNICE V MOTOLE
Czechia
EU contribution
€ 194 644,40
Address
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150 06 Praha 5
Website
Contact the organisation
Administrative Contact
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Gabriele Kipke

PRINSES MAXIMA CENTRUM VOOR KINDERONCOLOGIE BV
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Address
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3584CS Utrecht
Website
Contact the organisation
Administrative Contact
Menno Berens (Mr.)

UNIVERSITATSKLINIKUM BONN
Germany
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**Record number:** 109332  

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