

Søknadsinformasjon

Utlysning	Nordic Cancer Union Research Grant, 2015
Søknad	Maternal diseases during pregnancy and childhood leukemia in the offspring: a cohort study in 8 million children in five Nordic countries
Søknadsid	176673
Innsendt av	Jiong Li

Oppgave: Progress report

Tilordnet	Jiong Li
Status	Løst
Opprettet	10.02.2017

RAPPORT

Briefly describe the project in a language understandable to non-scientists

Little is known about the etiology of childhood leukemia, which has been on increase in recent decades. The proposed study will include 8 million study subjects from five Nordic countries (Denmark, Sweden, Finland, Norway, and Iceland). Data is recruited from 34 national registers. We aim to examine the association between maternal diseases during pregnancy and childhood leukemia. Exposure of maternal disease includes obesity, diabetes, asthma, preeclampsia, infection, and cancer. Outcomes are childhood leukemia (overall) and subtypes of leukemia. High quality of data on socio-demographic variables will be used to take consideration of potential confounders in the analysis.

Summarize the major findings of the project

The project started 8 months ago, and we are in the process of receiving data. We have already received data approvals from Denmark (Denmark Statistics case no. 704965), Sweden (Regional Ethical Review Board in Stockholm, the Dnr. 2016/288-31/1), and Finland (THL/322/5.05.00/2016). Applications in Norway and Iceland are under review. We expect to have our first findings in 2017.

Describe how the project has increased our knowledge of the prevention, cause and/or cure for cancer

The unique strengths of the study will ensure us to provide the best epidemiological evidence on the effects of maternal health during pregnancy on childhood leukemia in the offspring.

Outline how Nordic cooperation has added value to this project

For this project we have assembled a collaborative team consisting of researchers from 5 Nordic countries (Denmark, Sweden, Finland, Norway, and Iceland) with extensive experience and expertise to conduct the proposed study. The cooperation has been working efficiently to meet the challenges for data recruitment from 34 national registers in the 5 countries. More importantly, this cooperation will provide us unique experience on how to work on rare exposure and rare outcomes, based on very large population size.

List the publications resulting from the NCU research grant

Author(s), title, journal and edition	PMID (8 digits, only if possible)
Ingstrup KG, Wu CS, Olsen J, Nohr EA, Bech BH, Li J. Maternal Antenatal Bereavement and Neural Tube Defect in Live-born Offspring: A Cohort Study. PLoS One 2016;11(9): e0163355.	
Liu X, Chen J, Olsen J, Schlünssen V, Momen N, Li J. Prenatal exposure to maternal bereavement and offspring psoriasis: a Danish nationwide cohort study. Br J Dermatol. 2016 Dec 7. doi: 10.1111/bjd.15224. [Epub ahead of print]	

Brief overview of expenditures for last year 1 vedlegg (23441 - sagsposteringer fra start til 20-02-2017.pdf)

Resultat for projekt 23441 Maternal diseases during pregnancy and childhood	-3.096,33
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Forbrug på finansposter for 23441 Maternal diseases during pregnancy and childhood [Forbrug på de øvrige resultat artskonti (2000..5999)], Da projektet er på delregnskab 4, vises konto 5130 ikke

Finanskontonr.	Bogføringsdato	Bilagsnr.	Beskrivelse	Eksternt fak. nr.	Aktivitetsnr.	Nettobeløb
Forbrug på finansposter I alt						-3.096,33
3211 Rejsegodtgørelse						-868,48
3211	09-02-2017	TEM290633	Jiong Li CHN 010217 03021		26101	-868,48
3212 Hotel - udland						-1.901,55
3212	09-02-2017	TEM290633	Jiong Li CHN 010217 03021		26101	-1.901,55
3215 Rejseomkostninger - DK						-326,30
3215	09-02-2017	TEM290633	Jiong Li CHN 010217 03021		26101	-326,30

Balanceposter for 23441 Maternal diseases during pregnancy and childhood [Udvalgte balance konti (kun 8710, 8711, 8740, 8741, 6720, 6750)], Da Projektet er på delregnskab 4, vises konto 6230 også

Finanskontonr.	Bogføringsdato	Bilagsnr.	Beskrivelse	Aktivitetsnr.	Nettobeløb	
Balanceposter I alt						371.060,03
8710 Indbet. ekst. midler						371.060,03
8710	10-01-2017	50285992	Jiong Li 23441 Nordic Cancer Union		95777	371.695,00
8710	13-01-2017	22267928	Kursdif ved EUR tømning, b. 22267178, €49997,31		95777	-634,97

Rapportinfo:

Indtægter (alle artskonti der starter med 1XXX, på nær 1410, 1420, 1430)

Forbrug på ressourcer (Navne på de fastansatte)

Forbrug på de øvrige resultat artskonti (2000..5999)

Udvalgte balance konti (kun 8710, 8711, 8712, 8740, 8741, 6720, 6750)

Hvis projektet indeholder delregnskab 4, indeholder den også konto 6230. Samt konto 5130 ikke vises i resultatopgørelsen.

Parametervalg	
Fra Dato:	01-01-2017
Til Dato:	31-12-2017
Bevillingshaver:	Anne Gedebjerg, Anne Gedebjerg, Anne Mette Falstie-Jensen, Christian Fynbo Christiansen, Deirdre Patricia Cronin, Diana Hedevang Christensen, Gunnar Vase Toft, Henrik Toft Sørensen, Jiong Li, Kasper Adelborg, Kristjar Skajaa, Lars Pedersen, Mette Nørgaard, Morten Schmidt, Morten Smærup Olsen, Reimar Wernich Thomsen, Sigrid Bjerger Gribsholt, Sigrún Alba Jóhannesdóttir, Sisse Helle Njor, Ukendt

Anden Rolle:	Ann Bøjlund Jensen, Ann Windfeldt Thorsen, Annette Strandbo, Annie Nielsen, Astrid Straarup, Aurelien Romain Dantan, Berit Korsbæk Nilsen, Berit Rungø, Dorthe Bodholt, Ellen Bernadette Noer, Esther Susanne Thyge Henriksen, Hanne Jensen, Heidi Poggianti, Heidi Sørensen, Helle Obenhausen Andersen, Irene Breinholt, Jan Hejendorf Hansen, Jane Chor, Jette Breiner, Jytte Breining, Karen Maria Ditlev, Karin Ørbæk Kristensen, Kirsten Lukins, Kristjar Skajaa, Lars Edward Mitens, Lene Skovlund Jensen, Lili Soelberg, Linda Ibsen, Lisbeth Kristensen, Lone Hanberg Sørensen, Lotte Trine Holmbo Arentoft, Luzviminda Soriano Jakobsen, Mads Toftelund Jensen, Mariann Brixen Padkjær Bøje, Marianne Vonsild, Marie Kristine Nielsen Roesgaard, Mette Lange Jensen, Mette Stenderup-Larsen, Mette Toft, Michele Gammeltoft, Nina Jelstrup, Pia Pedersen, Sanne Olofsson Dolmer, Stine Engberg, Susan Elgaard Jensen, Tina Damhus Knørr, Tina Hedegaard Jensen, Tina Marie Bach Aaen, Tina Stenumgaard, Ukendt, Vicki Elisabeth Vallund, Wencke Bentsen
Projektets stednr. navn:	4353 IKM - AUH Akutcenteret, 4316 HE CLIN SKS, 4311 HE CLIN Fælles, 4320 HE CLIN Science Park
Projekt nr.:	23441 Maternal diseases during pregnancy and childhood