

4th Symposium on Fertility Preservation

Sune Bergström Aula J3:07, NKS

Cancer in young adolescents and young adults – *How is fertility and pregnancy affected?*

Monday 19th Dec

Fertility preservation – Challenges and clinical development

12:00	Lunch – will be served outside the lecture hall	
13.00-13.05	Welcome	
13:05-13:35	Fertility Preservation – What, Why and Where - What are the methods, Why is this important and Where can we find these services in Sweden?	Kenny Rodriguez-Wallberg , Karolinska Institutet and Karolinska University Hospital, Stockholm.
13:35-14:05	Fertility preservation in young girls: Experience from Denmark.	Linn Salto Mamsen , Rigshospitalet, Copenhagen, Denmark
14:05-14:30	Coffee break	
14:30-15:15	KEYNOTE LECTURE Understanding the control of oocyte number and egg quality aiming at improving the outcome of Fertility Preservation	Joshua Jonhson , University of Colorado, USA
15:15-15:35	Fertility preserving surgery for young women with cervix cancer: A centralization of care within the Swedish National High Specialized Healthcare (NHV)	Henrik Falconer , Karolinska University Hospital, Stockholm.
15:35-16:05	When the uterus is removed or damaged due to cancer treatment – could we transplant a uterus to recover fertility in the future?	Randa Akouri , University of Gothenburg, Sweden.
16:05-16:40	The challenges of fertility preservation for prepubertal boys	Jan-Bernd Stukenborg – Karolinska Institutet, Stockholm
16:40-17:00	Panel – Questions and Discussion	All speakers

4th symposium on Fertility Preservation

Tuesday 20th Dec

Cancer in pregnancy Workshop with international speakers

9:00-9:05	<i>Welcome</i>	
9:05-9:25	The Swedish national healthcare program and the building of a Nationwide research collaboration for cancer during pregnancy	Kenny Rodriguez-Wallberg , Karolinska Institutet and Karolinska University Hospital, Stockholm.
9:25-10:05	Clinical and research experience on cancer during pregnancy in Denmark	Lone Storgaard , Rigshospitalet Copenhagen
10:05-10:30	<i>Coffee break</i>	
10:30-11:30	INCIP – ABCIP An International collaboration for research and healthcare support on Cancer during pregnancy	Frederic Amant , UZ Leuven, Belgium
11:30-11:40	Organizing research on Cancer during pregnancy in Denmark	Lone Storgaard , Rigshospitalet Copenhagen
11:40-12:00	Panel – Questions and Discussion	All speakers
12:00-13:00	<i>Lunch – Restaurant Nanna Svartz at Karolinska Institutet</i>	
Ung med cancer – Min upplevelse (workshop på svenska)		
13:00-13:30	Att drabbas av cancer som ung – Den kliniska rutinen för olika patientgrupper: vuxna, tonåringar, unga barn, gravida patienter Nuvarande möjligheter i Sverige och i världen	Kenny Rodriguez-Wallberg , Karolinska Institutet och Karolinska Univ. Sjukhuset, Stockholm.
13:30-14:00	Cancer under graviditeten – Min upplevelse	Johanna Larsson
14:00-14:30	<i>Coffee break</i>	
14:30-15:00	Cancer och gravid – Kämpa för 2	Eliza Madlycke
15:00-15:50	Fertilitetsbevarande åtgärder hos cancerpatienter Kliniska möjligheter vid universitetssjukhusen	Randa Akouri Sahlgrenska Univ. Sjukhuset, Göteborg
15:50-16:30	Hur förbättrar vi patientinformation?	Kenny Rodriguez-Wallberg , Karolinska Institutet och Karolinska Univ. Sjukhuset, Stockholm.
16:30	<i>Forumdiskussion</i>	Alla deltagare
17:00	<i>Avslutning och Pizza</i>	

Invited speakers

Joshua Johnson, Assistant Professor, PhD



Dr. Johnson is originally from interestingly-named Oconomowoc, Wisconsin, USA. A Badger, he earned his Bachelor's degree in Natural Sciences from the University of Wisconsin, and then his Ph.D. in Biology at Arizona State University, where he began his studies of the ovary and female reproductive tract aging. His training continued with a postdoctoral fellowship at the Vincent Center for Reproductive Biology within the Massachusetts General Hospital and Harvard Medical School. After a 10 year stint as research faculty at the Yale School of Medicine, he is now an Assistant Professor in the University of Colorado Department of Obstetrics and Gynecology, within the Division of Reproductive Sciences and Division of Reproductive Endocrinology and Infertility. His laboratory's main focus is the determination of basic mechanisms that control ovarian aging, with a long-term goal of preventing the early loss of ovarian function and fertility.

Frédéric Amant, Professor, MD, PhD



Frédéric Amant (MD, PhD) (°1967) received his medical degree from the University of Leuven (KU Leuven), Belgium, in 1992 and completed his specialty training in Obstetrics and Gynecology in Leuven, Pretoria (South Africa) and Concepción (Chile) in 1998. He completed his subspecialty training in Gynecologic Oncology in Pretoria and Leuven in 2000. He pioneered the sentinel lymph node biopsy in breast cancer and the nerve sparing radical hysterectomy at UZ Leuven.

He is professor at the KU Leuven, and at the University of Amsterdam, the Netherlands, visiting professor at the University of Bergen, Norway, and honorary professor at the University of Pretoria, South Africa. He is specialist at the UZ Leuven in Belgium and the Netherlands Cancer Institute in Amsterdam.

Frédéric Amant heads the Gynecologic Oncology research section at the University of Leuven and at the Netherlands Cancer Institute. In 2005, he founded the ESGO taskforce on Cancer in Pregnancy, now the "International Network on Cancer, Infertility and Pregnancy" (INCIP) (www.cancerinpregnancy.org), and chairs this network up until now. Since 2014, INCIP also registers young women who aim to preserve their fertility. In 2021 he launched the Advisory Board on Cancer, Infertility and Pregnancy (ABCIP). At the KU Leuven, he founded the fund for Innovative Cancer Research, a platform that funds oncologic projects for teams at this institution. In addition, Frédéric Amant founded TRACE, the tumor xenograft platform at the KU Leuven, which bridges basic research closer and the clinic. He co-founded ENITEC, the European Network on Individualized Treatment of Endometrial Cancer.

Randa Akouri, Associate Professor, MD, PhD



Randa Akouri is an associate professor and specialist in obstetrics, gynecology, and reproductive medicine. Randa has several educations behind her, including biomedical analyst, biomedicine, medical degree, PhD in the field of uterus transplantation, specialist degree in obstetrics, gynecology and reproductive medicine and Associate Professor in the subject of obstetrics and gynecology.

Randa trained as a biomedical analyst and has worked for some years, in the early 90s, in the research laboratory at Sahlgrenska Hospital and in industry. She then educated in molecular biology and biotechnology and began a doctoral project in 2000 and defended her thesis on uterus transplantation in 2003. Randa succeeded in developing, among other things, a mouse model for uterus transplantation and with that model she was able to show pregnancies and live offspring from a transplanted uterus for the first time ever. This aroused great international interest. After defending her thesis, Randa continued as a Post Doc within the research group and was the only one who mastered the very difficult microsurgical method for transplantation of uterus in mouse model and was also involved in microsurgical operations on larger animal models such as rats, pigs, sheep and primates and was involved in the first human uterus transplants that took place at Sahlgrenska Hospital in 2012. Randa is still involved in uterine transplants on women at Sahlgrenska and in the Middle East where she has set up the technique together with her Swedish and Lebanese colleagues, to help women who need uterus transplantation in different countries in the Middle East, Turkey, and North Africa. Randa is responsible for fertility preservation program in young cancer patients at the reproductive clinic at Sahlgrenska Hospital and runs several research projects in the area.

Linn Salto Mamsen, MSc, PhD, Senior Scientist



Linn Salto Mamsen is a Human biologist Rigshospitalet, Copenhagen, and part of the Danish national team of cryopreservation of human ovarian and testicular tissue. Her research focus areas are human ovarian and testicular cryopreservation, human fetal gonadal development, and human fetal exposure to environmental chemicals. She is a member of the Danish Fertility Restoration Consortium (<http://fertility-restoration.dk/>) and coordinator for the Clinical Academic Group (CAG) in Regenerative Medicine for Urogenital Surgery and Fertility. She is also editor on the Reproduction section of Frontiers in Endocrinology (IF 6.05).