

HEREDITARY CANCER RESEARCH MILESTONES AT WOMEN'S COLLEGE HOSPITAL

1994-95

Dr. Steven Narod **co-discovers** the BRCA1 and BRCA2 genes



1996

The hereditary cancer **research group is established** at Women's College Hospital

1998

Dr. Steven Narod **shows** that birth control pills cut the risk of hereditary cancer by about one-half for BRCA mutation carriers

1999

Researchers **uncover a higher risk** of hereditary cancer in Ashkenazi Jewish women

2001

MRI is **proven superior** for screening high-risk women and put into practice

2005

Dr. Steven Narod is named the **world's most cited breast cancer researcher**



2009

WCRI researchers offer Ashkenazi Jewish women genetic testing regardless of family history – **a world first**

2009

Kelly Metcalfe, RN, PhD, **finds** that having two or more close relatives with breast cancer quadruples a woman's risk



2009

Joanne Kotsopoulos, PhD, is **awarded** the Cancer Care Ontario Research Chair in Population Studies

2011

Dr. Steven Narod is **awarded** an honorary PhD from the Pomeranian University of Medicine, Poland



2011

Dr. Steven Narod **finds** that the Bahamas has the highest hereditary burden for breast cancer in the world

2013

Dr. Steven Narod is **awarded** the Canadian Cancer Society O. Harold Warwick award

2014

Dr. Steven Narod is **awarded** Ovarian Cancer Canada's Karen Campbell National **Award for Research Excellence**



2014

Preventive surgery to remove the ovaries is shown to **reduce the risk of ovarian, fallopian and peritoneal cancer by 80%**

2014

Double mastectomy is found to **halve the risk** of later death in BRCA mutation carriers with breast cancer

2015

The hereditary cancer database reaches more than **15,000 individuals with a BRCA mutation**

15,000



2015

Nearly **700 publications** on hereditary cancer published



2015

Dr. Mohammad R. Akbari **discovers** that the RECQL gene is a breast cancer susceptibility gene



2016

Dr. Steven Narod **awarded** the Killam Prize in Health Sciences for his revolutionary research on hereditary breast and ovarian cancers