

# Next Generation of Scientists Award

**International Cancer Research Partnership**

**May 15, 2024**



Cancer  
Research Society



# Cancer Research Society

## OUR MISSION

CRS is a Canadian charity whose sole mission for 78 years has been to exclusively fund research on **all** types of cancer to prevent, detect and treat this disease.

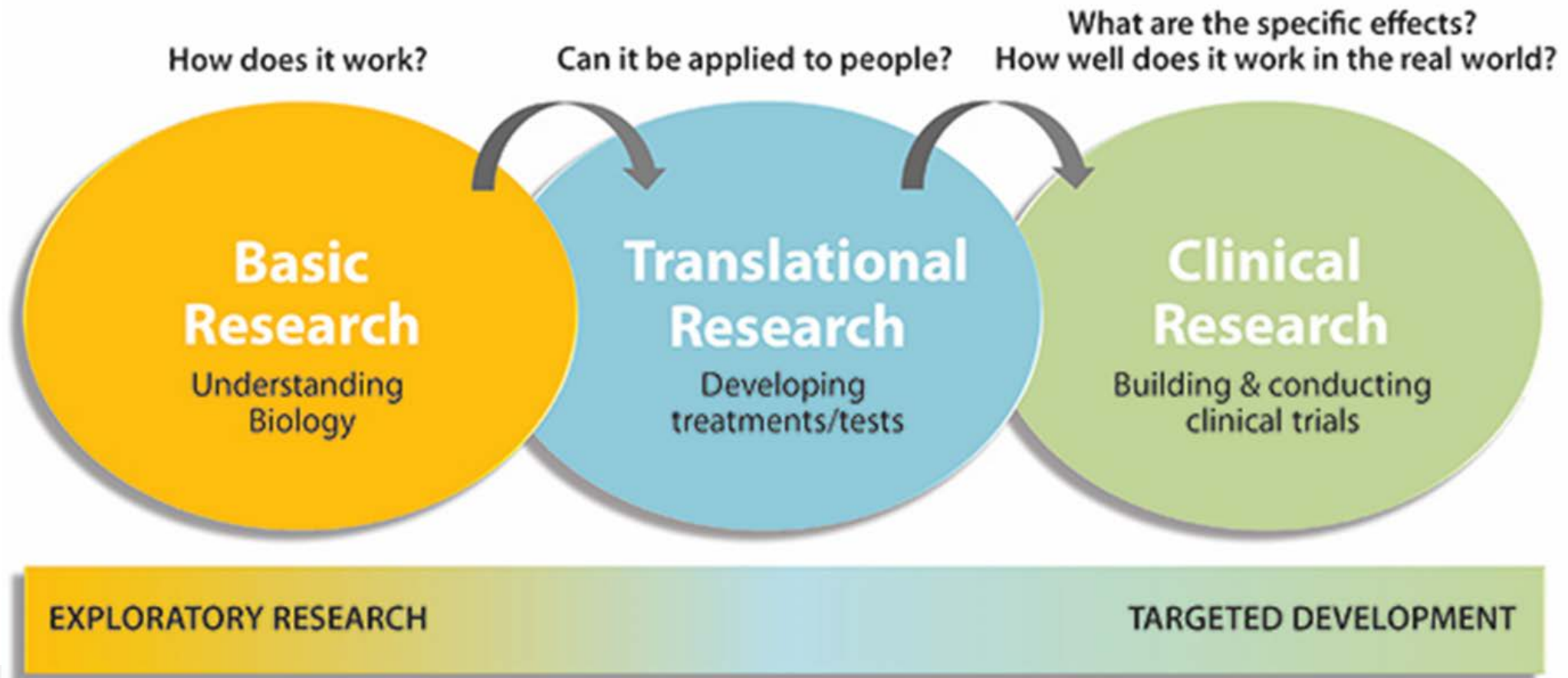
## OUR VISION

Research is the key to outsmart cancer.

## FUNDING

Thanks to the generosity of Canadian donors and valued partnerships, CRS has distributed over **\$388 million** in research grants and scholarships and supported.

# Cover the research spectrum



# Research Programs

## Fundamental/Basic Research

### Annual competitions

### Operating Grants (OG)

\$130,000 over 2 years

### Next Generation of Scientists (NGS)

\$180,000 over 3 years

### Doctoral Research Awards (DRA)

\$70,000 over 2 years

## Translational/Clinical Research

### Ad hoc/Targeted Competitions

### Targeted Funded Opportunities

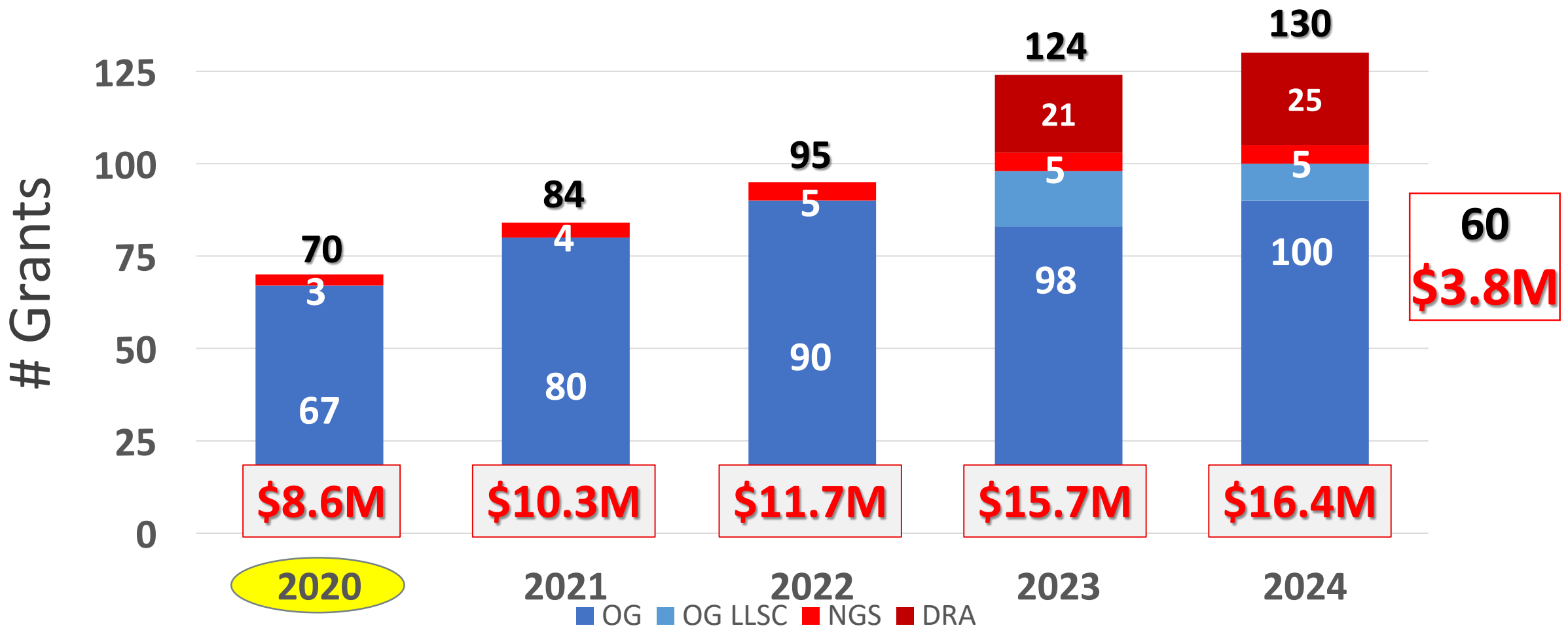
\$200,000 - \$ 4.5M over 2-5 years

### Investigator Initiated Trials

\$600,000 - \$3.5M over 2-5 years

# LEVERAGING PARTNERSHIPS FOR GREATER IMPACT

## ANNUAL PROGRAMS: 2021-2024



OG: Operating Grants; LLSC: Leukemia & Lymphoma Society of Canada; NGS: Next Generation of Scientists; DRA: Doctoral Research Awards

# LEVERAGING PARTNERSHIPS FOR GREATER IMPACT

## TRANSLATIONAL - CLINICAL RESEARCH: 2021-2024

### Targeted Competitions

- Quebec Breast Cancer Foundation (\$1M)
- Ovarian Cancer Canada 2021 (\$2.25M)
- Brain Canada (\$1M)
- Canadian Cancer Society/Prevention (\$800K)
- Canadian Cancer Society/Breakthrough (\$4.5M)
- Ovarian Cancer Canada 2023 (\$1.2M)
- CIHR Lung Health Initiative (\$2M/\$19M)
- **CRS Lung Cancer Translational Research (\$2M)**
- **Worldwide Cancer Research (\$350K)**

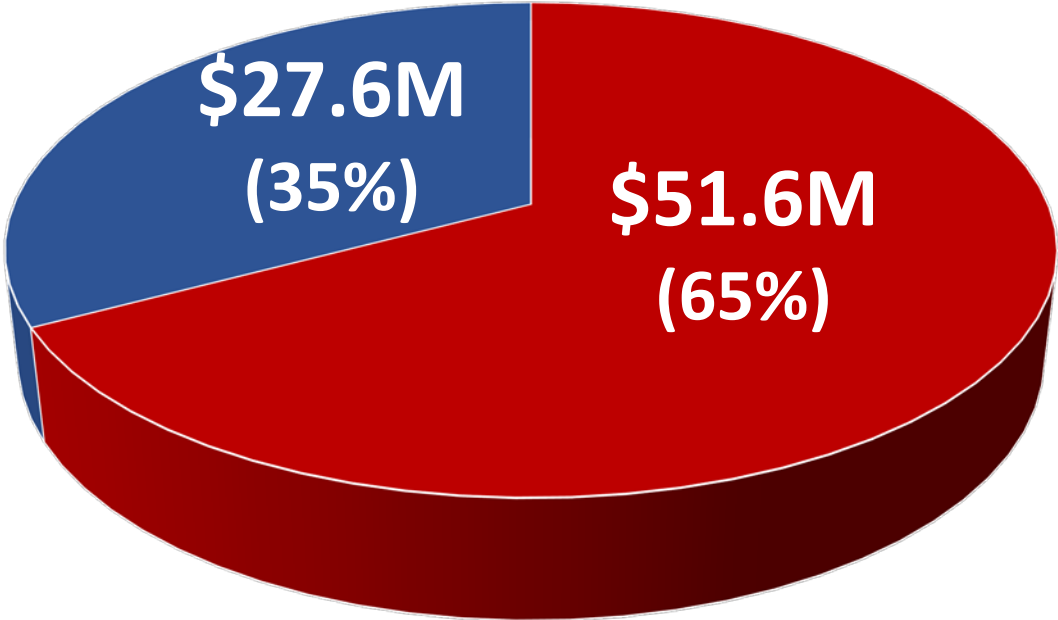
### Investigator Initiated Trials

- OPTIMISE - pediatric cancer (\$2.2M) – ON/BC
- **UPCYCLE – bladder cancer (\$1M) - QC**
- NEOCATS – ovarian cancer (\$2M) - **BC**
- STRIVE - vulvar cancer (\$1.2M) - **BC**
- GLIDE - blood cancer (\$3.5M) - QC
- **DECRYPT - rare pediatric brain cancer (\$600K) - ON**

# LEVERAGING PARTNERSHIPS FOR GREATER IMPACT

## COMBINED PROGRAMS 2021-2024

**\$79.2M**



■ CRS ■ Partner

# PROUD TO PARTNER WITH





# Next Generation of Scientists Award

# Next Generation of Scientists Award

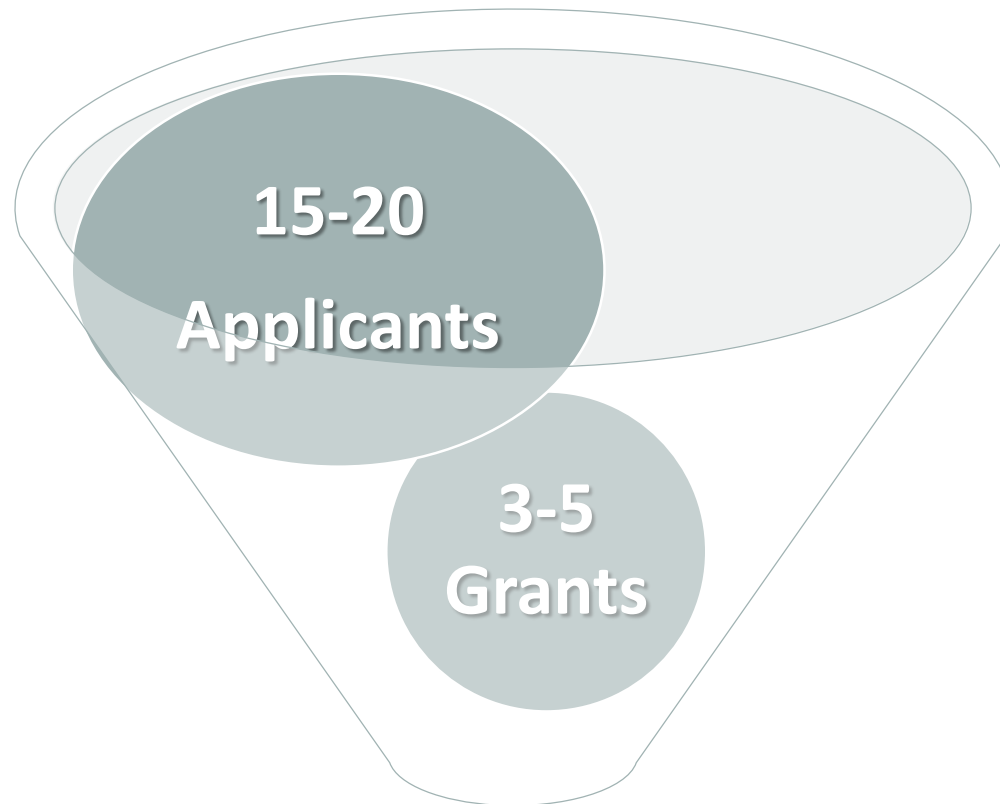
Two-pronged award, consisting of a one-year postdoctoral fellowship followed by 2 years of operating grant funding.

## Part 1: Postdoctoral Salary Award - \$50,000 for 1 year

- Enable talented postdoctoral trainees to secure a faculty position in an Canadian institution. The applicant must have completed at least 2 years of postdoctoral training. Training may take place **outside of Canada**.

## Part 2: Operating Grant - \$130,000 over 2 years

- The operating grant portion is awarded once the applicant has obtained a faculty position at an eligible **Canadian institution. MATCHING FUNDS**



**25-30%**

# Investment 2013 - 2023

Since 2013, CRS has supported

**43**

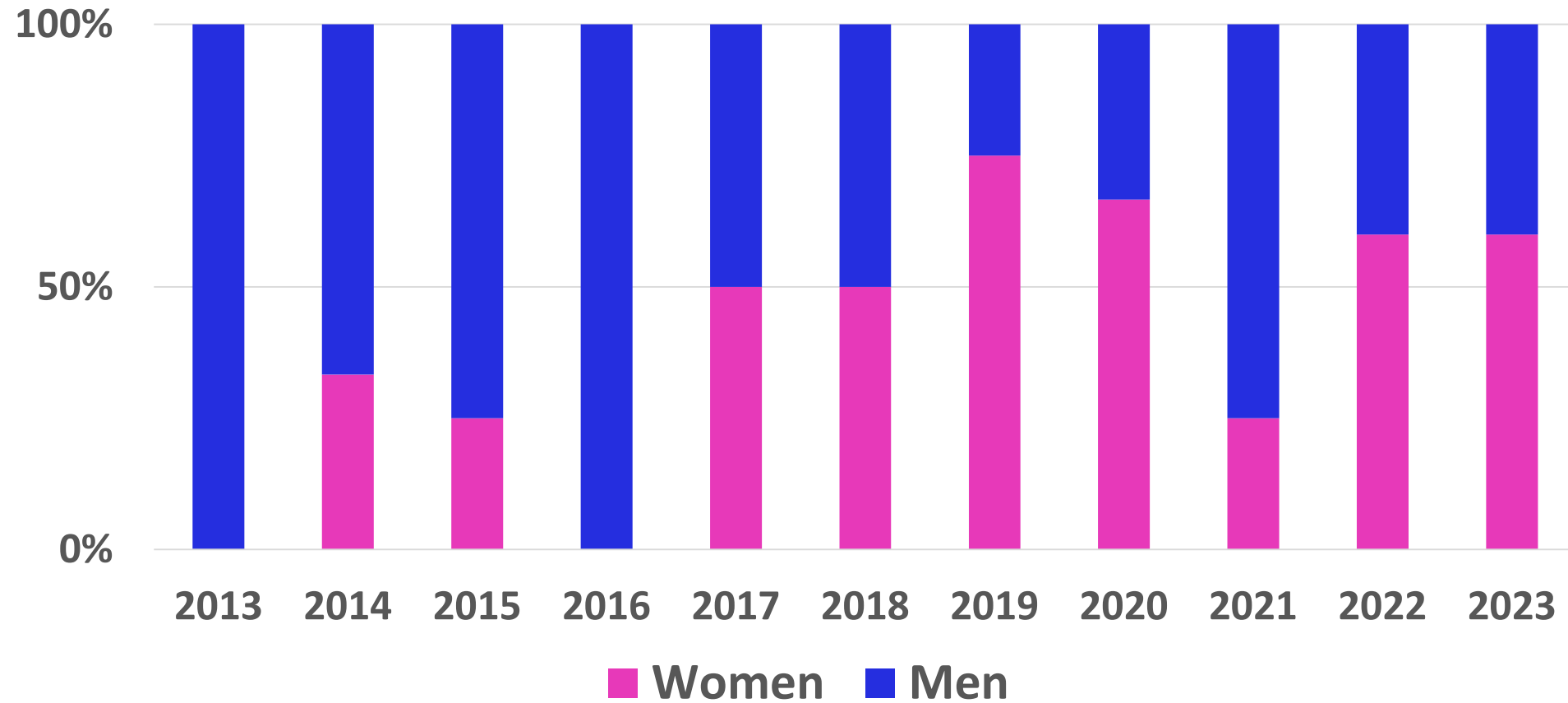
**NGS Grantees**

Representing an investment of

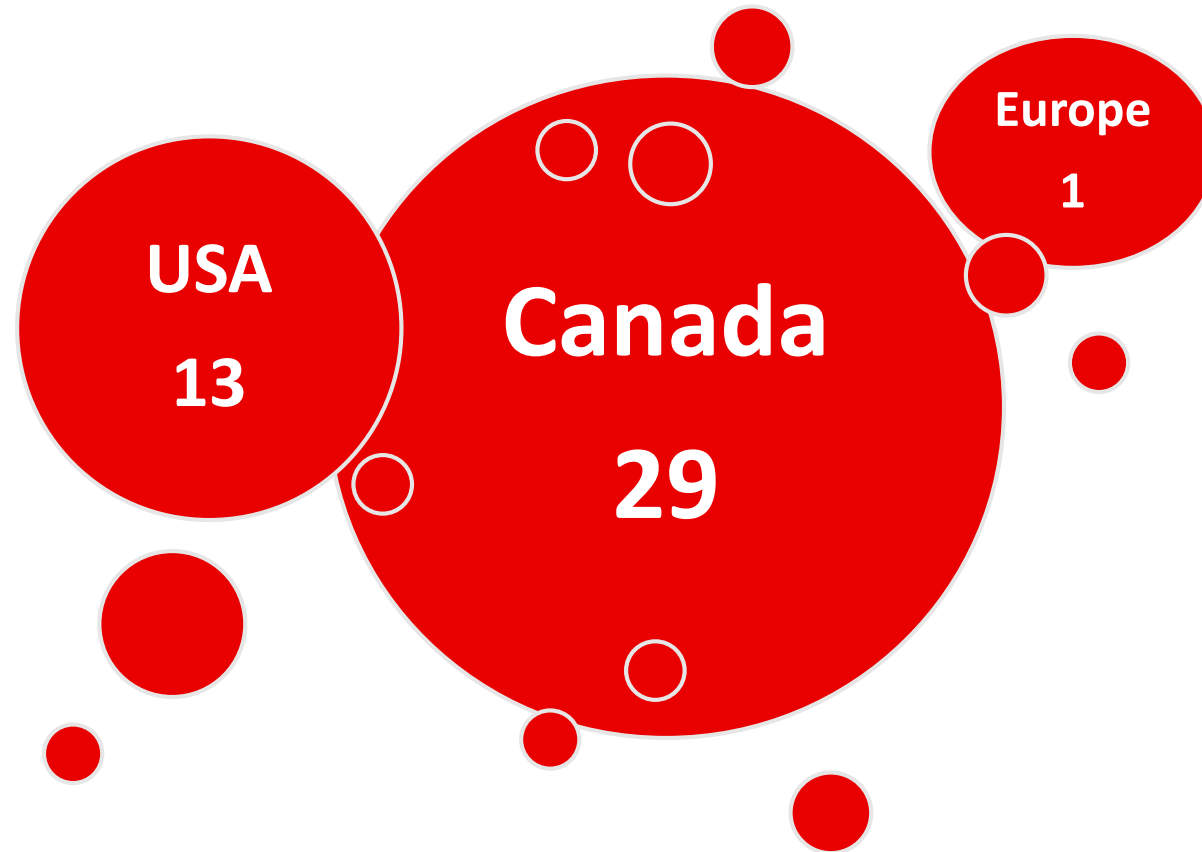
**\$8M**

**over 11 years**

# Demographics: Sex

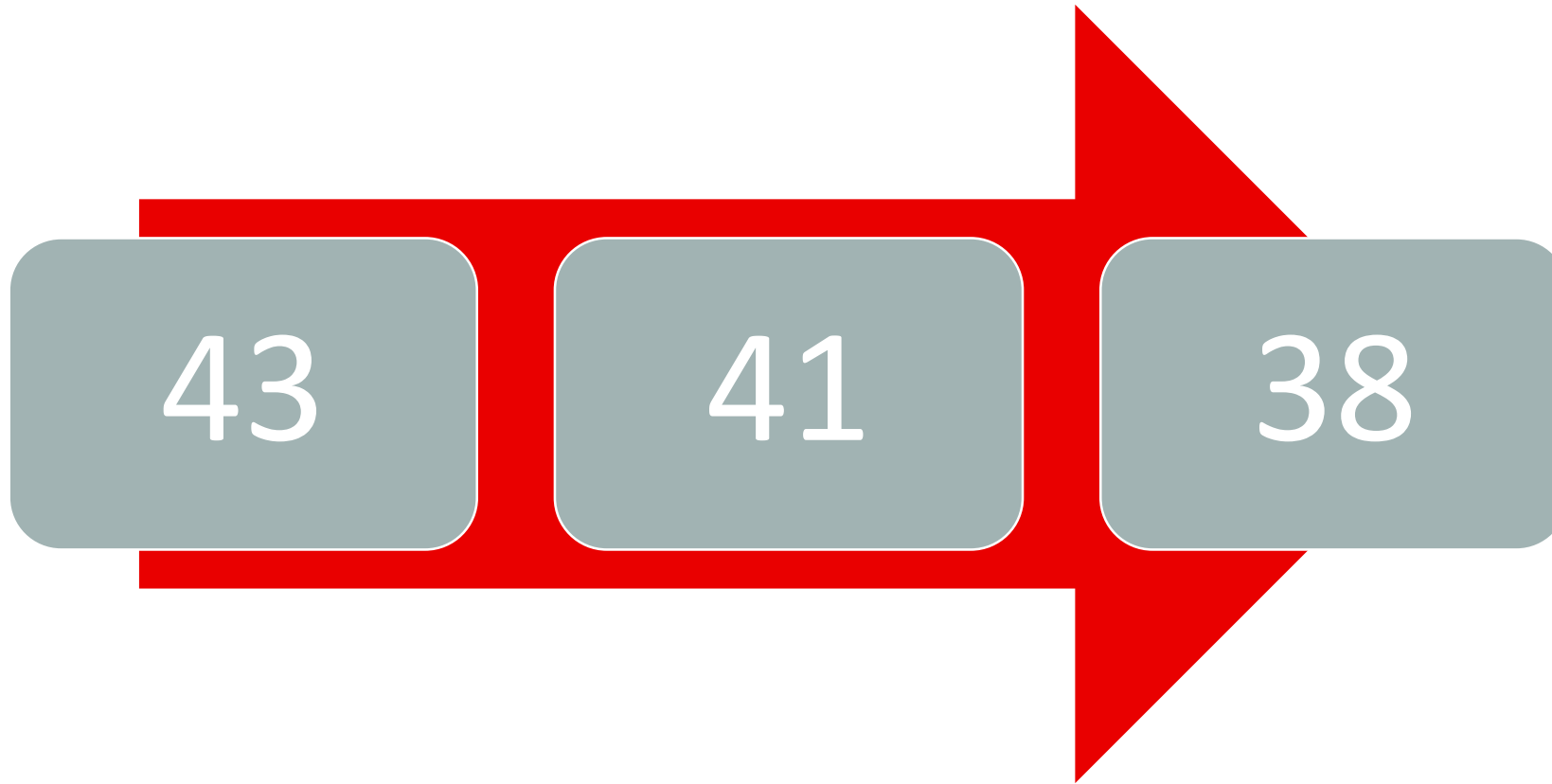


# Part 1 Fellowship



**Overall Success Rate**

**88%**





## **Peter Stirling (2013)**

**Deputy Director & Senior Scientist  
Terry Fox Laboratory, BC Cancer Agency**



## **Jim Uniacke (2013)**

**Associate Professor, Department of Molecular & Cellular Biology  
University of Guelph**



## **Steve Jean (2013)**

**Professeur, Faculté de médecine et des sciences de la santé  
Université de Sherbrooke**





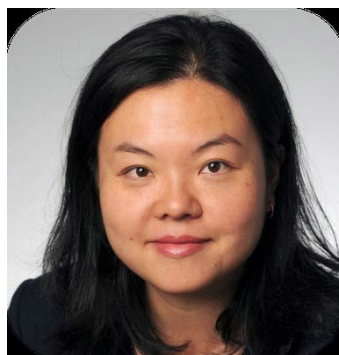
## **Amelie Fradet-Turcotte (2014)**

**Professeur agrégé, Dép. biologie moléculaire, biochimie médicale et pathologie, Faculté de médecine, Université Laval**  
*Canada Research Chair in Molecular Virology and Genomic Instability*



## **Marco Gallo (2015)**

**Associate Professor, Department of Biochemistry & Mol. Biology**  
**University of Calgary**  
*2019 Calgary's Top 40 under 40*



## **Lee-Hwa Tai (2015)**

**Professeure, Faculté de médecine et des sciences de la santé**  
**FMSS Dép. d'immunologie et de biologie cellulaire, Sherbrooke**  
*Chair in Translational Immunotherapy Research*



## David Labbé (2016)

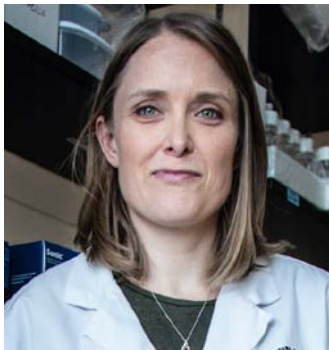
Associate Professor, Department of Surgery  
McGill University



## Wei Zhang (2017)

Assistant Professor, Department of Molecular & Cellular Biology,  
University of Guelph

*Azrieli Global Scholar, Canadian Institute For Advanced Research (CIFAR)*



## Lisa Julian (2018)

Assistant Professor, Department of Biological Sciences,  
Simon Fraser University

*Tier II Canada Research Chair in Developmental Origins of Stem Cell Fate*



## **Hartland Jackson (2018)**

**Investigator, Lunenfeld-Tanenbaum Research Institute  
Associate Scientist, Ontario Institute for Cancer Research**



## **Sampath Kumar Loganathan (2020)**

**Assistant Professor, Department of Otolaryngology, Head &  
Neck Surgery, McGill University**



## **Arielle Elkrief (2023)**

*Memorial Sloan Kettering Cancer Center (2023)*  
**Assistant Clinical Professor, Faculty of Medicine,  
Université de Montréal (2024 - )**



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**THANK YOU**