# DAMON RUNYON CANCER RESEARCH FOUNDATION

## Discovering the Talent to Discover the Cure

To accelerate breakthroughs, the Damon Runyon Cancer Research Foundation provides today's best young scientists with funding to pursue innovative cancer research.

#### **Scientific Awards**

Our award programs are targeted to have the greatest impact on cancer research. We foster new generations of exceptional scientists and fill gaps in traditional research funding that threaten future breakthroughs.

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SCIENTISTS
CURRENTLY FUNDED
AT 60 INSTITUTIONS

\$17.5<sub>M</sub>

NEW AWARDS FUNDED IN 2016 \$320<sub>M</sub>

INVESTED IN 3,550 SCIENTISTS SINCE 1946

#### **EXAMPLES OF CURRENT RESEARCH**

Identifying new drug targets in cancer cells • Understanding cancer metastasis • Developing cancer vaccines

Improving cancer immunotherapy
 Seeking early
 biomarkers of cancer
 The human microbiome and cancer

100%

OF DONATIONS FUND CANCER RESEARCH

Our low administrative costs are paid from Damon Runyon Broadway Tickets and our endowment.

www.damonrunyon.org 1.877.7CANCER

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# 70 YEARS of progress

December 15, 2016, marks 70 years since our founding by Walter Winchell in memory of Damon Runyon (Guys & Dolls). Thanks to support from donors like you, we have come far. We now know what causes cancer and have developed new ways to prevent, diagnose and treat it. Today, novel therapies are saving the lives of those who likely would not have even survived if they were diagnosed just ten years ago. Progress is accelerating rapidly, and we plan to be out of business long before the next 70th comes around.

### **Impact on Cancer**

#### 1946-1960's

- Damon Runyon founded
- Proved the link between cigarettes and lung cancer
   First cured a solid tumor with chemotherapy

### 1970's-1990's

- Identified the first cancer-causing gene
- ▶ Co-discovered BRCA1, a breast cancer-causing gene
  - → Co-developed Herceptin

#### 2000's-TODAY

- Discovery, development and approval of immunotherapies
  - ▶ Co-led the Cancer Genome Atlas project
  - Developed revolutionary tools to edit the human genome
    - Proved that aspirin can reduce colon cancer risk

And the list goes on...

#### A STELLAR TRACK RECORD

12 Damon Runyon award recipients have received the Nobel Prize.

Our award winners are leaders of major research institutions
and cancer research programs around the globe. Most importantly,
they are saving countless lives.

