Measures of Success – Spring 2024 HRA Meeting
The V Foundation for Cancer Research

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How do we measure “success”? 

- Publications
- Citations
- Clinical trials and patents
- Additional funding
- Media attention
- Professional development
How do we track success outputs?

Progress Reports
- General science update
- Key quotes and testimonials
- Career development

Dimensions
- Number of publications
- Number of citations
- Aggregate funding

Altmetric
- Patents
- Policy documents
- Media attention

We fund high-risk, high reward science that is making strides in across the scientific continuum in cancer research.
Dimensions in action

Direct metrics

<table>
<thead>
<tr>
<th>FILTERS</th>
<th>PUBLICATIONS</th>
<th>DATASETS</th>
<th>GRANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUPS</td>
<td>3,221</td>
<td>929</td>
<td>1,169</td>
</tr>
</tbody>
</table>

Citations: 302,000
Citations (Mean): 93.70

Indirect metrics

<table>
<thead>
<tr>
<th>FILTERS</th>
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<th>GRANTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>GROUPS</td>
<td>99,041</td>
<td>6,389</td>
<td>5,640</td>
</tr>
</tbody>
</table>

Aggregated funding amount: USD 19.5 B
Average funding amount: USD 3.6 M
Altmetric in action

Mention breakdown

- **Social media**: 86,524 mentions
- **News and blogs**: 9,589 mentions
- **Policy and patents**: 5,499 mentions
- **Other sources**: 737 mentions
- **Academic sources**: 333 mentions

Top “outputs”

1. **Serotonin reduction in post-acute sequelae of viral infection**
   - Article in *Cell*, October 2023
   - Mentions: 3,089

2. **DNA damage and somatic mutations in mammalian cells after irradiation with a...**
   - Article in *Nature Communications*, January 2023
   - Mentions: 3,458

3. **Colorectal cancer screening for average-risk adults: 2018 guideline update...**
   - Mentions: 2,370

4. **A Periodic Diet that Mimics Fasting Promotes Multi-System Regeneration...**
   - Article in *Cell Metabolism (Science Direct)*, June 2015
   - Mentions: 2,052

5. **Detection of an Infectious Retrovirus, XMRV, in Blood Cells of Patients with...**
   - Article in *Science*, October 2009
   - Mentions: 1,089
### Examples of communicating impact

<table>
<thead>
<tr>
<th>Number</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>3,000+</td>
<td>Papers published as a direct result of our awarded grants.</td>
</tr>
<tr>
<td>$19B+</td>
<td>V Foundation grantees, collectively, throughout their careers, have generated in cancer research.</td>
</tr>
<tr>
<td>1,000+</td>
<td>1,000+ clinical trials V Foundation grantees, collectively, throughout their careers, have been connected to.</td>
</tr>
<tr>
<td>5,400+</td>
<td>Mentions in patents and policy documents from our funded research outputs.</td>
</tr>
</tbody>
</table>

**Goal:** to show donors, staff and the public that we are making progress in cancer research.
These are great tools…but,

Key Considerations

• “Living” updates after grant duration
• Real-time data without having to survey grantees
• Various metric opportunities, indirect and direct

But…

• Expensive
• Manual curation

And…

• Data is only as strong as your ability to share it and re-purpose it

Lesson learned: Education internally and externally is just as important as having the data
Don’t Give Up . . . Don’t Ever Give Up Up!®
- Jim Valvano
Thank you!