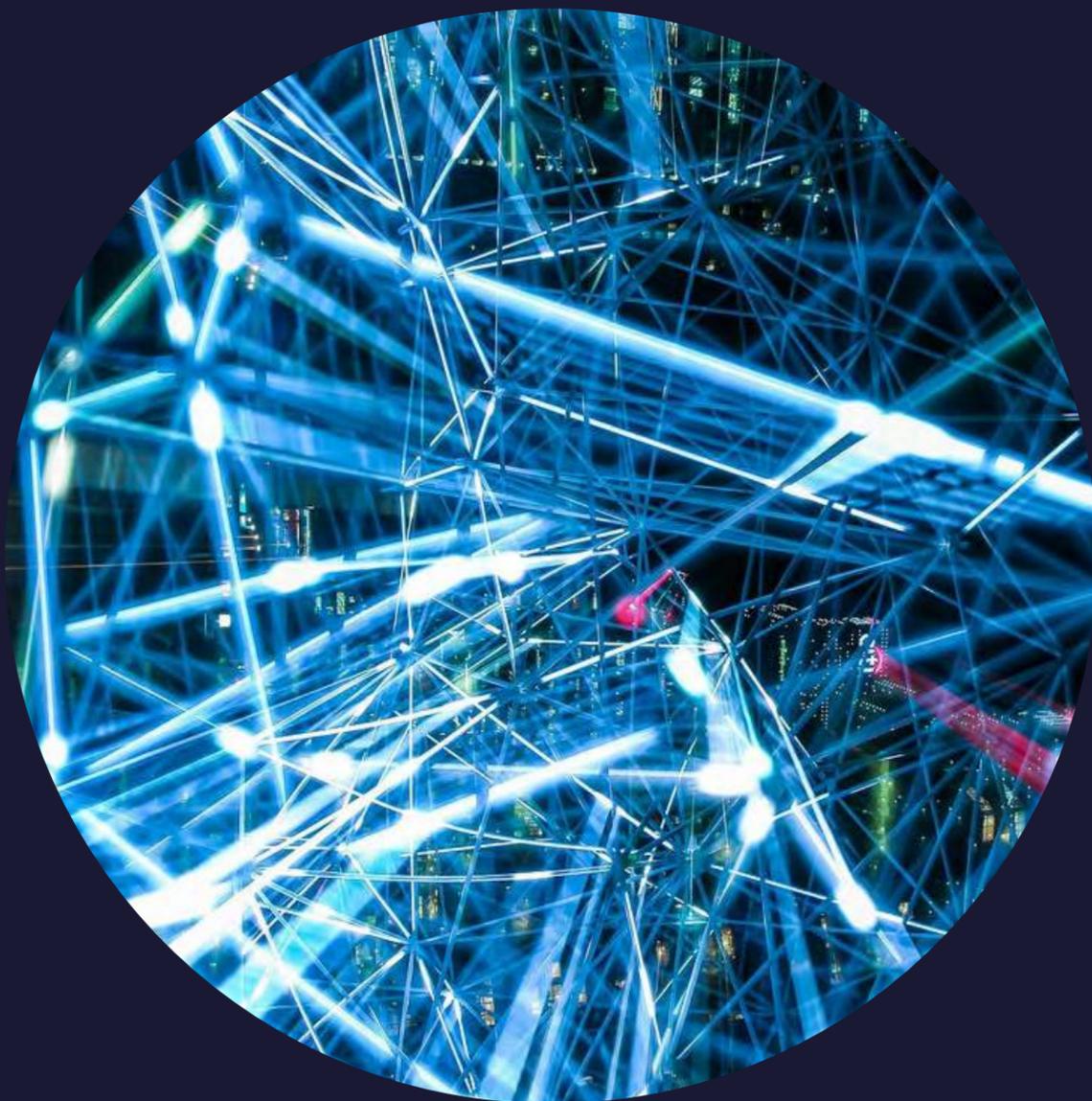


**In a time of
unprecedented
change, the need for
breakthrough ideas
has never been
greater.**

Polyplexus accelerates the discovery process for novel ideas—and it's working. In 2021, a growing, interdisciplinary community of Plexors and Sponsors surfaced more than 639* research ideas that could change the world.

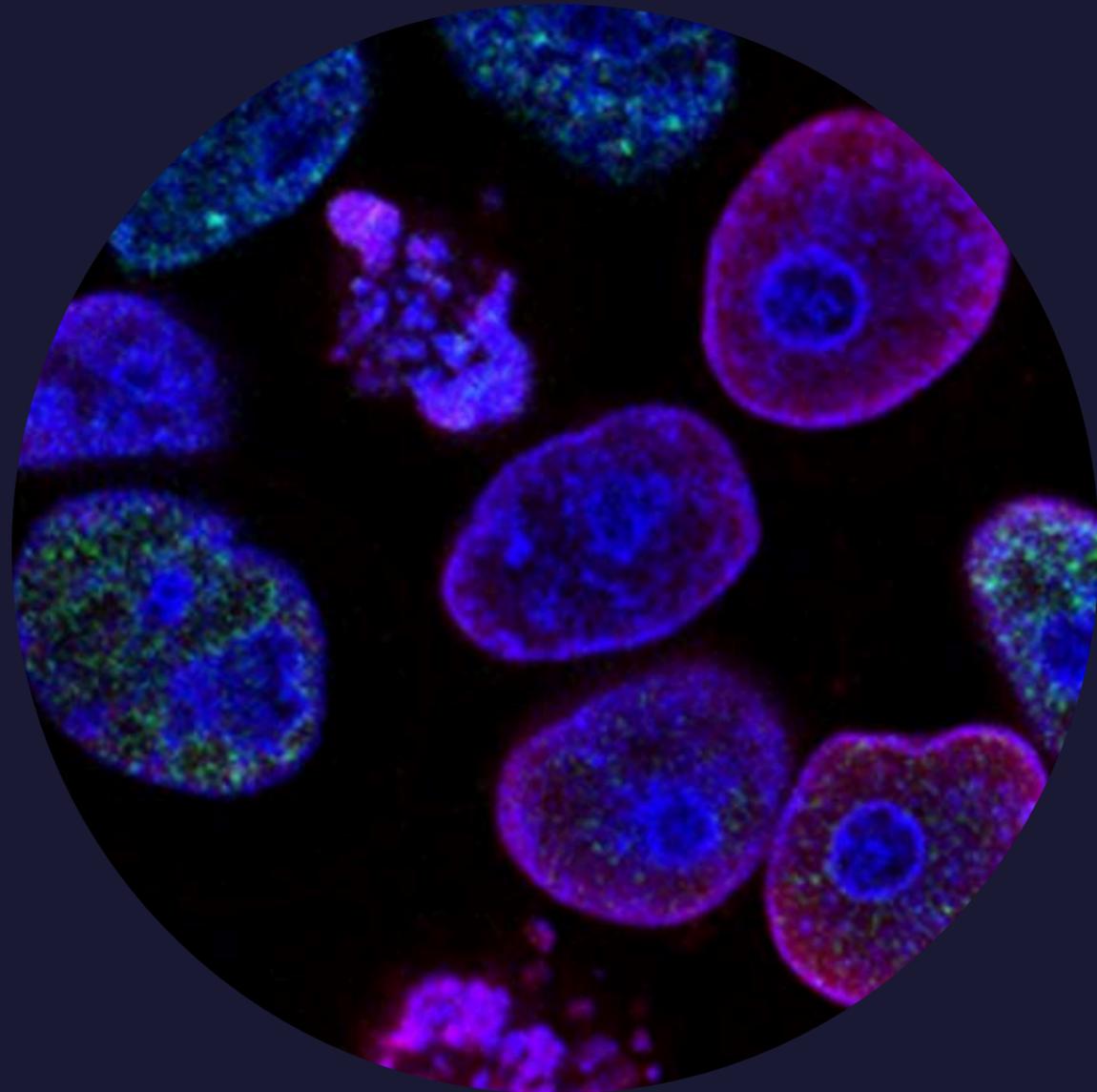
*research ideas are defined as Evidence submissions to Sponsor-led Incubators.

Plexors



Our community of Plexors continued to grow and engage with the platform.

-
- Our community **grew by 37%**
 - Plexors now represent **more than 70 areas** of professional expertise and **more than 140 areas** of specialized interests
 - Plexor representation expanded to include **over 400 academic institutions** and almost **900 private/non-profit R&D companies and US government institutions**
 - Plexors logged into Polyplexus more than **40,000 times**
 - The searchable Polyplexus Evidence database is now **more than 4,800 μ Pubs**

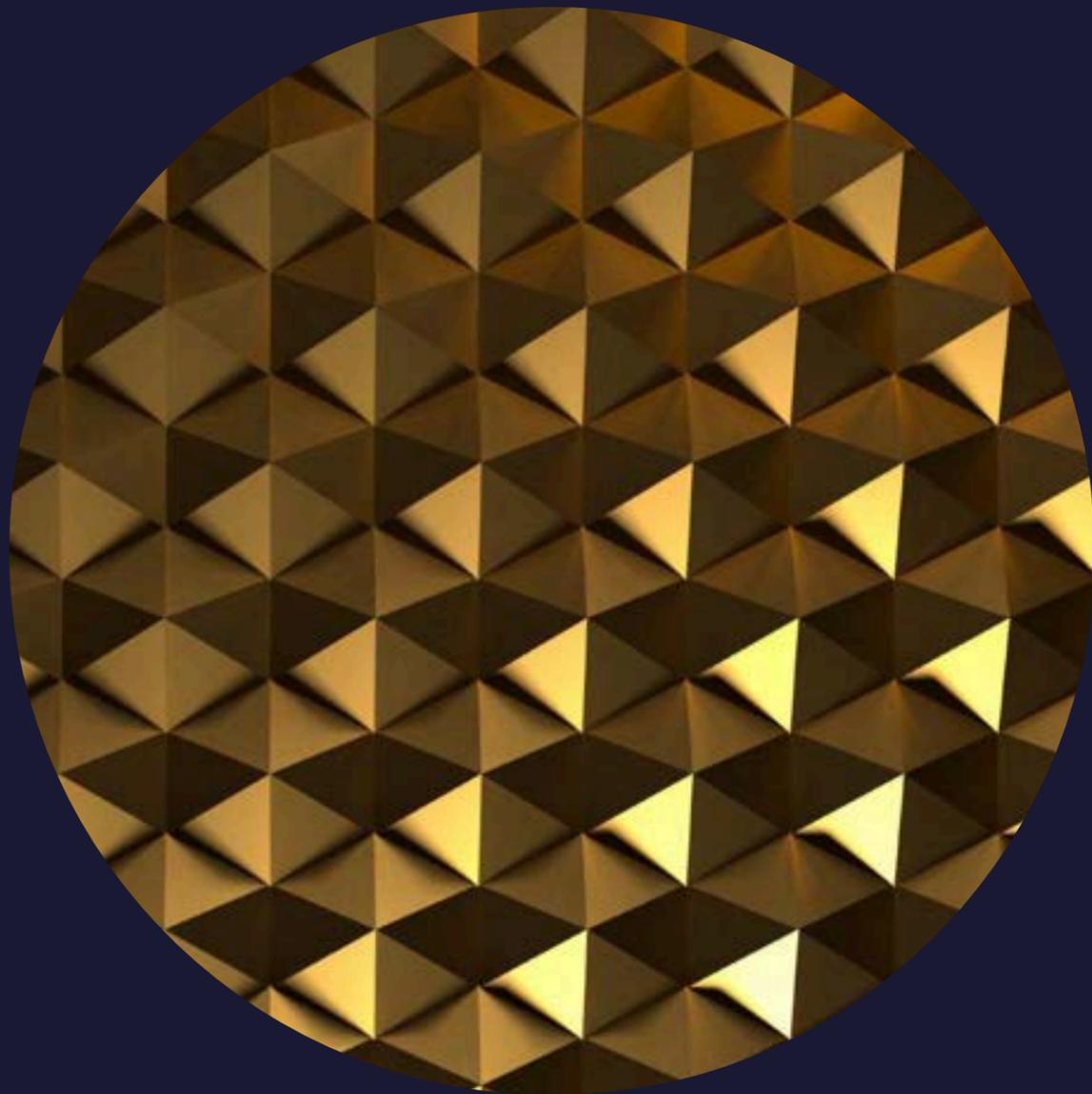


Sponsors

In 2021 Polyplexus sponsors broadened their performer base and accelerated their research.

- Sponsors hosted **18 Incubators and 24 Live Events**
- Over **40% of Plexors engaged** with a sponsored Incubator — they visited Incubator pages **more than 36,000 times**
- **60% of Sponsors** came from the government, representing **organizations like DARPA, BARDA, ARPA-E, and NGA**
- **55% of Sponsors** used their Incubators to support RFIs and RFPs — and others used it to search for new areas of research. *(Of note: DARPA doubled both the number of submissions from new proposers outside its usual research pool as well as its match rate)*
- Ideas exchanged via sponsored Incubators **accounted for 80% of all Plexor interactions**

Topics



More than 50% of Incubators focused on S&T critical topics

- 30% on issues relating to **climate change**; 22% on **public health**; and 16% on **AI/ML applications**
- **Conjecture Mania**, a competition designed to uncover the most novel ideas that envision new, transformative industries over the next 20 years, **generated 6,900+ page views and made 70+ interdisciplinary connections** with the greatest potential to impact the future
- Other critical topics explored on Polyplexus included: **Cyber Security, Food Production, Improving Human Brain Function, Space Sustainability, Broadband Technology, and New Geospatial Technologies**

Notable



Polyplexus became more accessible and launched new initiatives



- Polyplexus was **recognized by Fast Company as one of 2021's World Changing Ideas.**



- **Polyplexus was added to the GSA Schedule** making it more accessible to government research Sponsors than ever
- We launched the **Talk Polymath podcast** which gives Plexors another avenue to access groundbreaking research shared by expert guests
- We introduced **Evidence Contests** to give Plexors a monthly opportunity to compete for awards and surface new evidence for the community