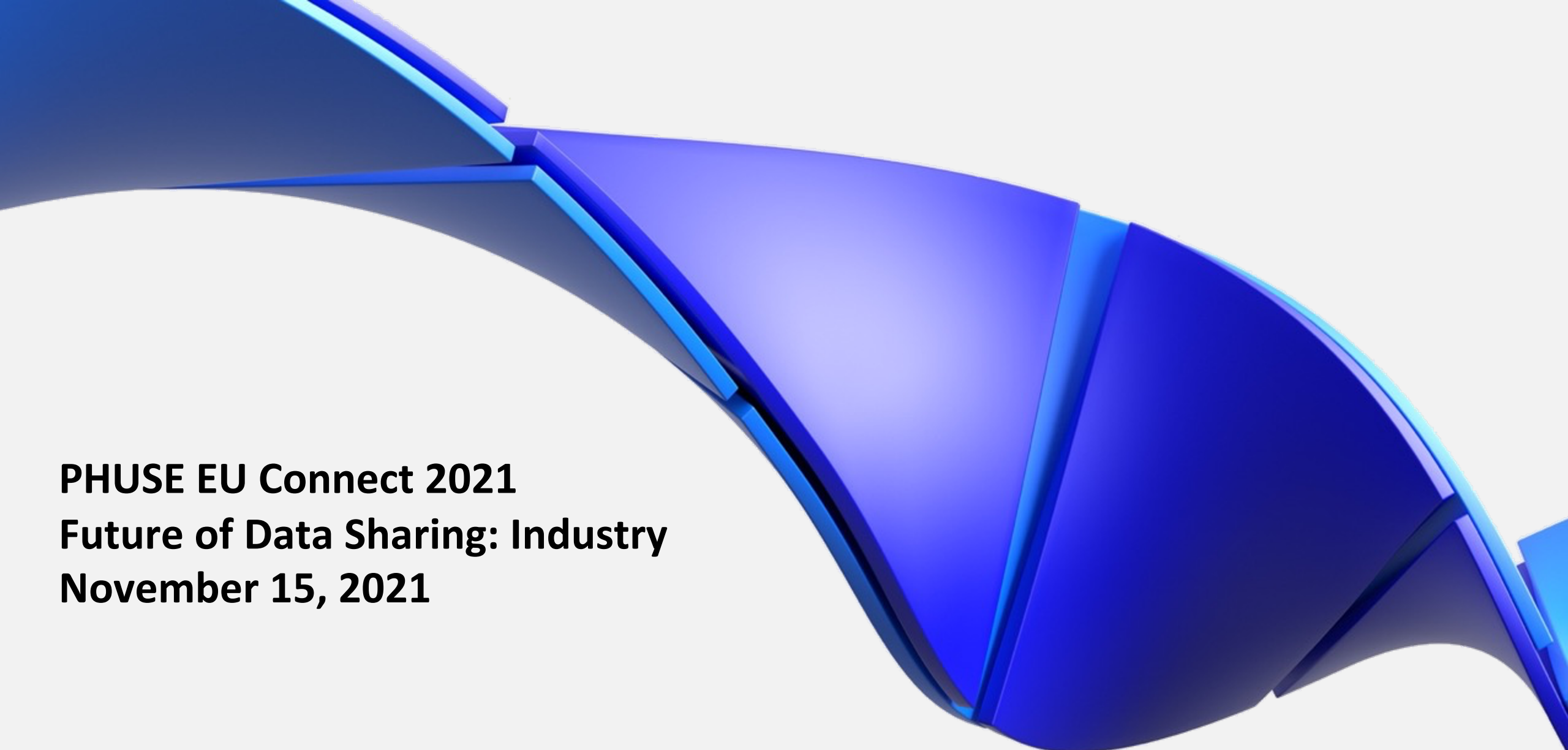


An abstract graphic composed of several overlapping, curved, blue geometric shapes that create a sense of depth and movement, resembling a stylized wave or a series of connected planes. The shapes are rendered with gradients and shadows, giving them a three-dimensional appearance.

PHUSE EU Connect 2021

Future of Data Sharing: Industry

November 15, 2021

Patti Compton

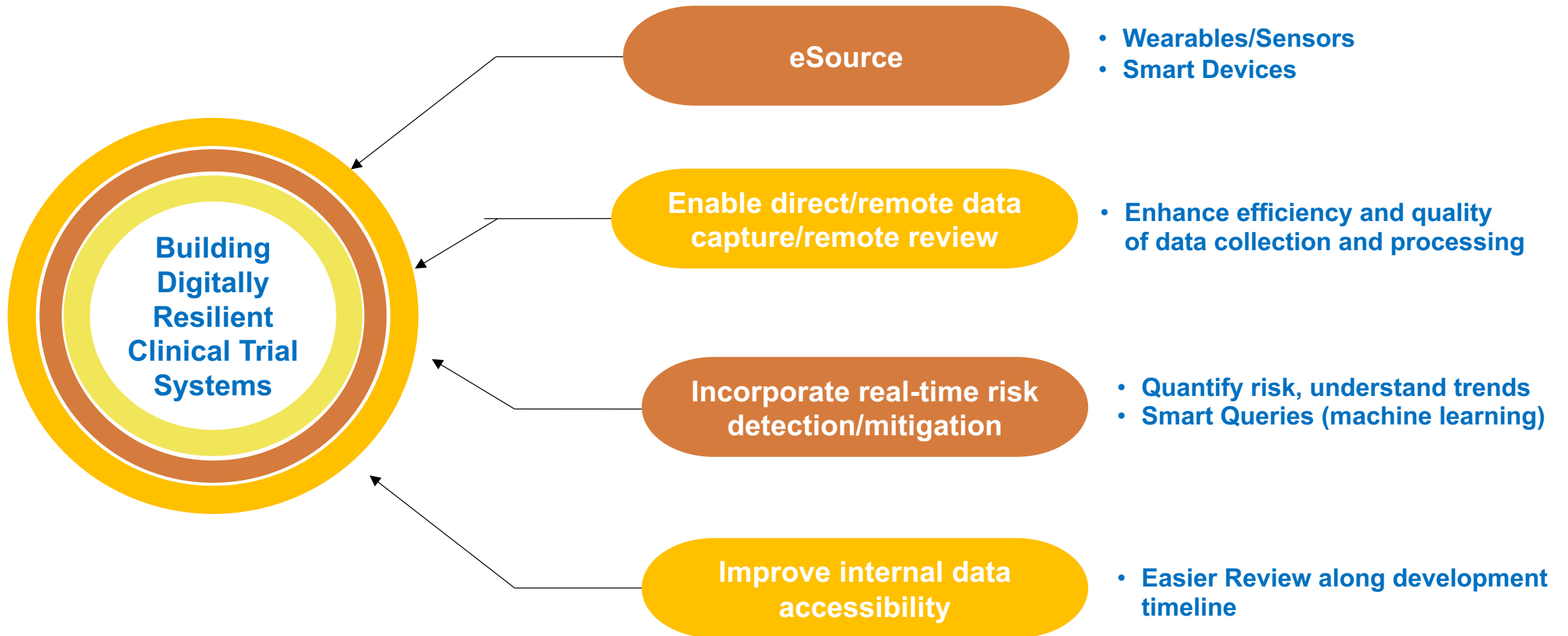
Global Head Statistical Programming and Analysis



New Normals



Enabling Data Collection Efficiently

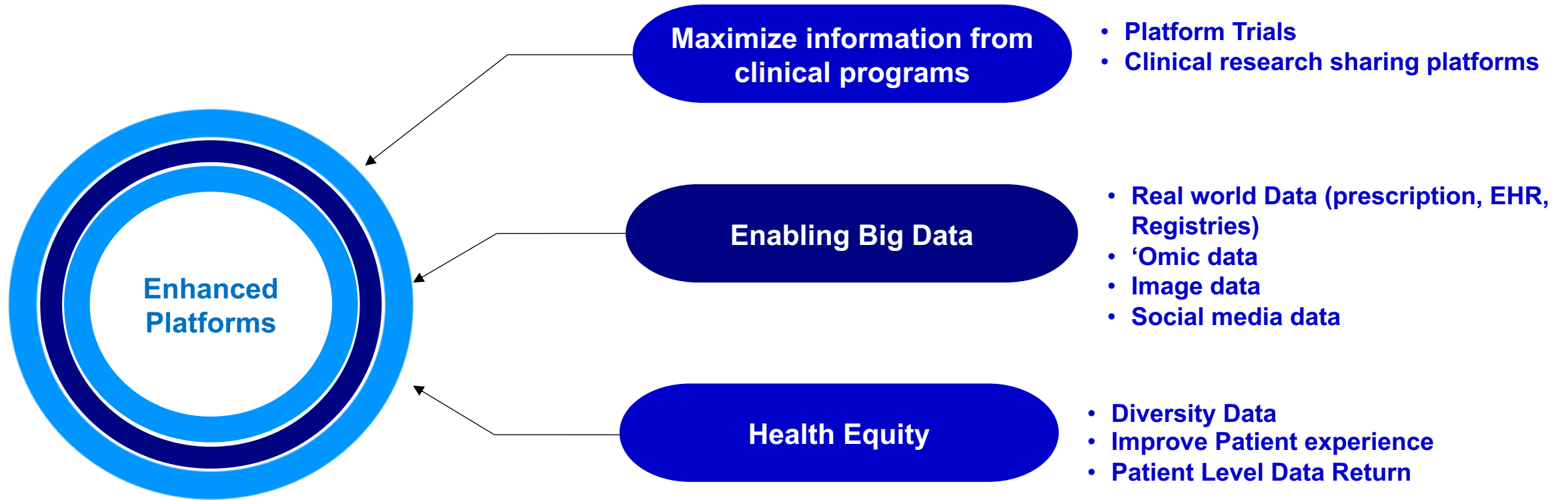


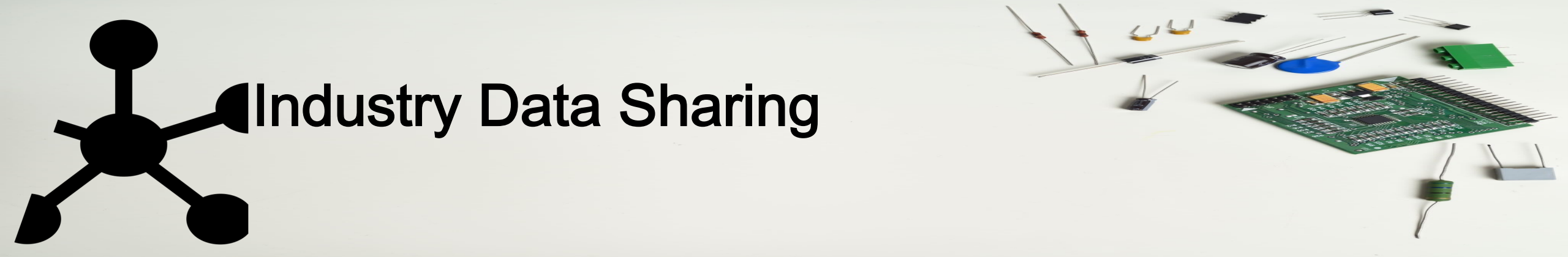


AI/ML

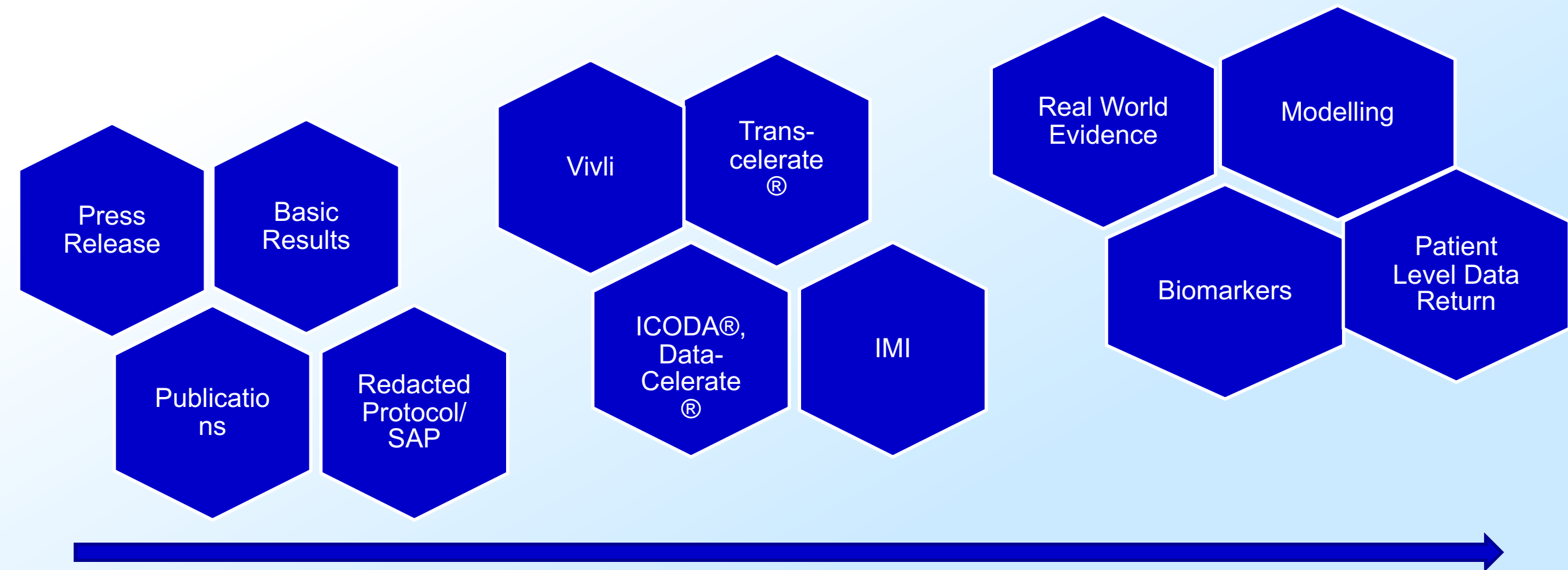
- Risk detection
- Query Response
- Quality Review
- Documentation

Enable Wider Datasharing

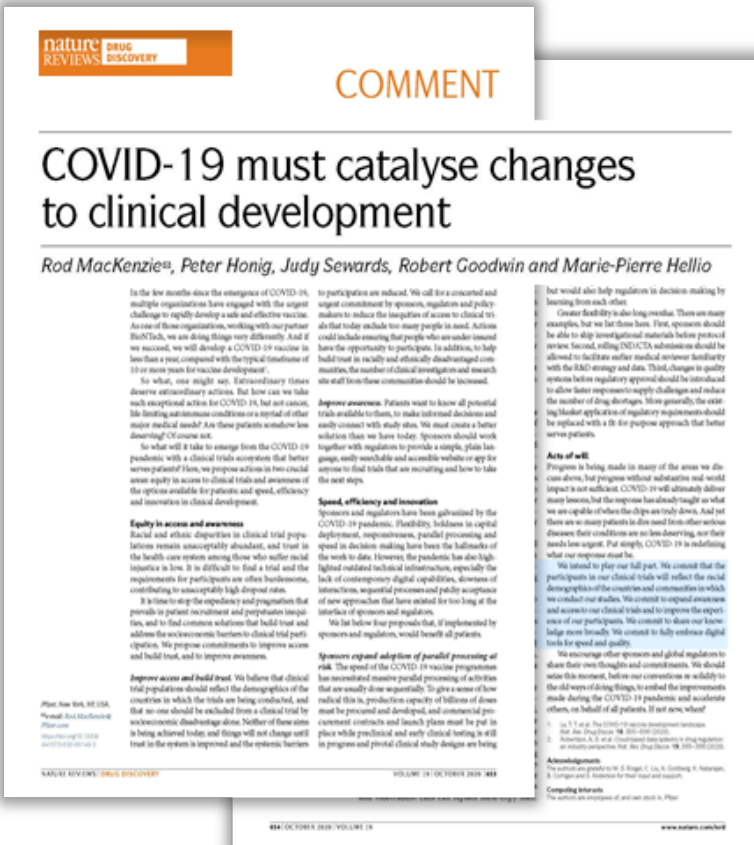




Industry Data Sharing



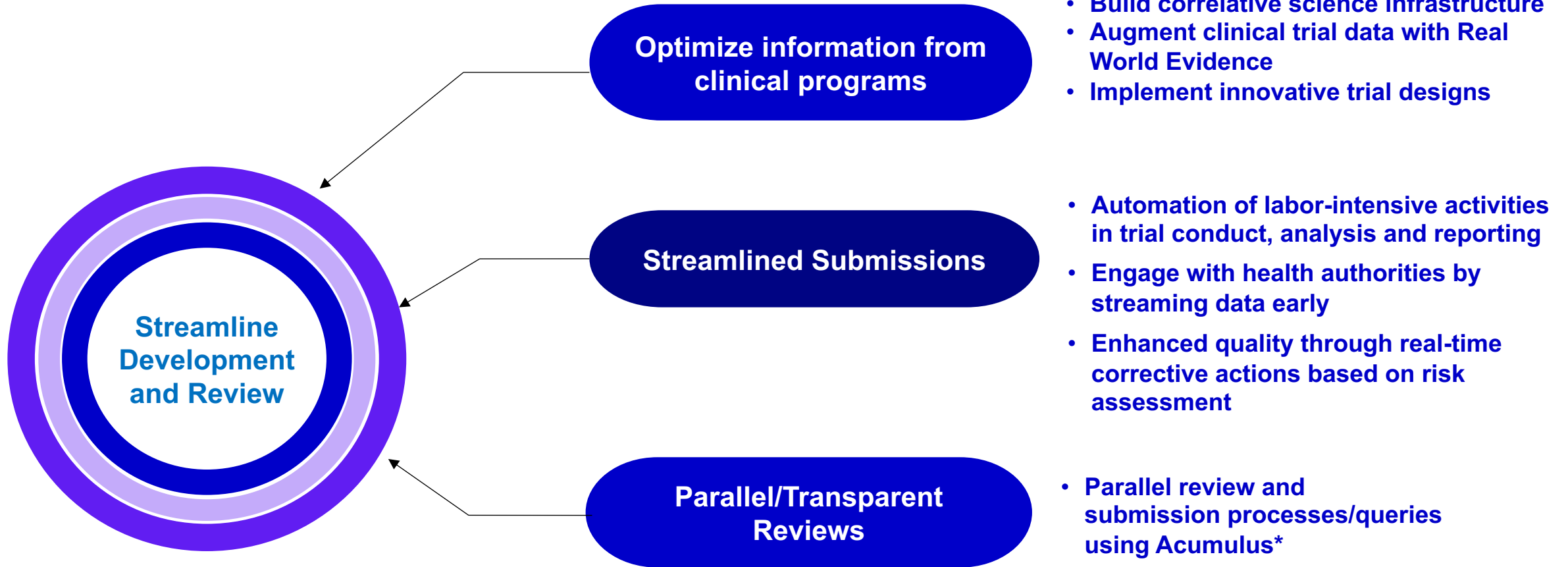
Equity in Clinical Trials Commitments: Applying Learnings from COVID-19 Trials



4 Public Commitments

1. Participants in our clinical trials will reflect the racial demographics of the countries and communities in which we conduct our studies.
2. Expand awareness and access to our clinical trials and improve the experience of our participants.
3. Share our knowledge more broadly.
4. Fully embrace digital tools for speed and quality.

Enable Data-Centric Reviews



Challenge

- **Rapidity of Healthcare data growth**
- **Characterizing acceptable data standards for a variety of data types**
- **Data Interoperability and platform usability**
- **Infrastructure sustainability**
- **Incentivising Data Sharing and Reuse**

National Academies of Sciences, Engineering, and Medicine 2020. Reflections on Sharing Clinical Trial Data: Challenges and a Way Forward: Proceedings of a Workshop. Washington, DC: The National Academies Press. <https://doi.org/10.17226/25838>.

Catalyse Change

- Industry are in progress of establishing data sharing as expected norm
- Industry continue to explore ways to share various types of data
- Industry are convening multistakeholder workstreams to address key infrastructure, technological, sustainability and workplace challenges associated w sharing of data.

Advancing Data Sharing Capabilities

1

Data sharing needs to be facilitated by access and expertise

2

Data Governance and Privacy protection are key

3

Data stewards, curators, librarians, archivists are critical to infrastructure

4

Lessons learned must be integrated into how we work