Dear Vivli Friends,

At Vivli we are committed to supporting the clinical research ecosystem with streamlined solutions for sharing and accessing clinical research data. The concept for Vivli was envisioned five years ago as a project within the MRCT Center at the Brigham and Women’s Hospital and Harvard with the belief that it was possible to create an independent and neutral platform to link existing data sharing platforms and communities. This global platform would exist to amplify the voices of existing efforts as well as provide data sharing and long-term data archiving capabilities to those that are currently not participating. 2018 was an important year for Vivli and our stakeholders as we successfully launched our data sharing platform and realized this vision. We also launched our first data challenge in October, welcomed our inaugural group of members from academia, non-profits, and industry. Our members have made studies available for sharing across a diverse range of scientific disciplines including hypertension, asthma, Crohn’s disease, dementia, and diabetes.

The Vivli team pledges to continue to lower the barriers to sharing data, facilitate and harmonize processes for those contributing data, and innovate our user-friendly technology.

With your support we will continue to work towards a future where data sharing becomes part of the routine scientific process.

I thank you all, our founding members, funders, and stakeholders, for your continued support and belief in our shared values and mission and look forward to a bright 2019 where we hope to continue as an important voice in changing the culture of data sharing.

Best regards

Rebecca Li
Executive Director

With your support we will continue to work towards a future where data sharing becomes part of the routine scientific process.
Vivli’s mission is to promote, coordinate, and facilitate clinical research data sharing through the creation and implementation of a sustainable global data sharing enterprise. We act as a neutral broker between data contributor, data user, and the wider data sharing community.

Vivli is a non-profit organization working to advance human health through the insights and discoveries gained by sharing and analyzing data. It is home to an independent global data-sharing and analytics platform which serves all elements of the international research community. The platform includes a data repository, in-depth search engine, and cloud-based analytics environment. The Vivli team works to harmonize governance, policy, and processes to make sharing data easier. Vivli acts as a neutral broker between data contributor and data user and the wider data sharing community.

Vivli enables researchers to better use and share clinical trial data to drive discoveries, power scientific breakthroughs, and improve human health. In an example of how data sharing has helped ovarian cancer patients, researchers combined data on over 10,000 women from 50 clinical trials and identified less toxic but still effective chemotherapy treatments. They were able to design more targeted trials to prove what works. With Vivli, researchers can use existing trial data to design more efficient future trials, helping to speed discoveries.

Our vision is to advance human health through clinical research data sharing, to respect and honor the contributions of clinical research participants. Vivli increases the overall global capacity for effective data sharing, aggregation, re-use, and analysis of valuable clinical research data towards the ultimate goal of advancing science and improving human health.

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1 How individual participant data meta-analyses have influenced trial design, conduct, and analysis Tierney, Jayne F.Alderson, P. et al. Journal of Clinical Epidemiology, Volume 68, Issue 11, 1325 - 1335
Vivli offers an end-to-end platform with straightforward, user-friendly tools, including:

- A robust search interface with multiple ways of searching amongst thousands of listed studies
- A single data request form, accessible directly via the Vivli platform
- The ability to track and monitor data requests as they move through review by data contributors
- A secure research environment where users can integrate data sets and bring in their own data, scripts, and tools
- The assignment of unique digital object identifiers (DOIs) to all approved data requests and publications resulting from research on the Vivli platform.

“The mission of Vivli is fully aligned with that of Harvard University in promoting collaborative research and data sharing and transparency. Our faculty has a long history of data sharing. Our commitment to Vivli reflects our support by providing one platform for our researchers to fulfill ICMJE and funder data sharing requirements.”

- Ara Tahmassian, PhD, Chief Research Compliance Officer, Harvard University
The Vivli platform allows users to:

- More efficiently find and use our Members’ clinical trial data by maximizing the visibility of their institution’s trials through Vivli’s professional curation service.
- Search more than 3,100 listed studies.

Registered users can request data packages from Vivli’s 15 member organizations, using Vivli’s harmonized data request form.

The Vivli platform provides a Secure Research Environment with state-of-the-art tools that allow researchers to analyze data to discover new scientific insights.

- Analyze and aggregate data: Researchers can integrate and analyze datasets in a secure environment with associated statistical analysis tools.
- Cross-platform sharing: Vivli enables sharing data across a number of existing repositories and platforms.
- Flexibility: Researchers may bring in their own data sets, statistical software, and scripts to use on an individual Secure Research Environment within the Vivli platform.

Use Vivli to help meet ICMJE 2018 data sharing requirements

Vivli provides secure storage of your data with unique DOIs that can be used to track the use of your data as well as for citation.

Governance

Vivli’s adaptable approach respects the review process of each data contributor and has built-in flexibility to accommodate a wide range of review requirements.

In areas where harmonization is critical for the user experience, Vivli provides:

- Harmonized Data Request Form
- Harmonized Data Use Agreement
- Harmonized Data Contributor Agreement
Vivli’s founding Members are a diverse group of institutions that all share a clear commitment to driving forward the culture of data sharing. Our 15 Members include elite research universities, globally impactful philanthropic foundations, and pharmaceutical standard bearers.

Joining Vivli as a Member provides multiple benefits from our innovative, secure, and user-friendly global data sharing and analytics platform. Members demonstrate their commitment as leaders in data sharing, working together to drive forward scientific innovation and advance human health.

**Member benefits:**

- **Frontline support:** Vivli manages queries from researchers — from the search phase and data request process through licensing and use of statistical tools for analysis.

- **Data Request Process:** Managed by dedicated Vivli staff

- **24x7 global support:** Provided by a world-class team that includes Vivli staff and Insight BlueMetal Managed Services

- **One-on-One Training:** Orientation sessions and training for data contributor administrators

- **Be seen as a leader in data-sharing:** Access to our innovative platform to push forward scientific discoveries.

- **Increase discoverability:** Maximize the visibility of clinical trials through Vivli’s professional curation service.

- **Securely store and host data:** Our platform is built on Microsoft’s world-class Azure Cloud.

- **Increase efficiency through harmonization:** Take advantage of Vivli’s harmonized policies and streamlined processes.

- **Reduce workload:** Vivli centrally manages requests that otherwise would be handled internally by each organization.

- **Analyze and aggregate data:** With Vivli’s Secure Research Environment and state of the art tools, researchers can do more with shared data sets.

- **User Support services:** 24x7 global support for all users

Vivli welcomed representatives from our fifteen Founding Member organizations to our July 2018 launch:
“Every day, we are reminded of the urgent need to accelerate medical research. Too many people around the world are suffering from disease and need more effective treatments. Partners like Vivli offer a unique opportunity for research institutions to maximize their impact by sharing data and working together to propel new scientific discoveries forward.”

—Stephanie Cuskley, CEO of the Helmsley Charitable Trust
On July 19th, stakeholders from the global data sharing and research communities came together for the Vivli platform launch event. The event, held at the National Academy of Sciences in Washington, D.C., was a daylong exploration of not only the new Vivli platform, but also of the rapidly evolving culture of data sharing and transparency. Vivli brought together researchers, patient advocates, leaders from the tech and pharmaceutical industries, funders and philanthropists, and many others for a wide ranging conversation about how Vivli is helping to transform the landscape of data sharing.

Representatives from Vivli’s founding Members discuss how Vivli aligns with their data sharing goals.

Vivli live-tweeted from its launch event with engagement from participants such as Michael Stebbins, Dawei Lin (ImmPortDB), and the Infectious Diseases Data Observatory. Vivli Members including GSK and Helmsley Charitable Trust, collaborators such as Cochrane and Duke University, and influencers such as Paul Sonnier and Atul Butte shared the news of Vivli’s launch on social media.

The follower count for @VivliCenter nearly doubled in one day.
“We began our journey sharing data with researchers in 2013 with a vision of a global data sharing platform, a one-stop shop where researchers could access data across industry, academic and government funded trials. We are committed to transparency and accelerating the rate of scientific innovation to ultimately improve patient care. We are pleased to be contributing our trials to Vivli and we look forward to greater data sharing and use of these data across the clinical research enterprise.”

— Jessica Scott, Director of Medical Advocacy and Policy, GlaxoSmithKline
As Vivli has moved from concept to reality, our goals and benchmarks have changed as well. In 2019 and beyond, we pledge to our users that we will strive to maintain operational excellence while continuing to drive forward innovation in data sharing. We seek to broaden and diversify our base of data contributors while actively engaging data requestors and researchers. Further, Vivli is committed to financial sustainability, striving for efficiency and value. All of these efforts combined will help Vivli meet its core mission, to use data sharing to drive the scientific discoveries that will advance human health.

Vivli’s goals for the coming year include:

- **Promote** the sharing of clinical data through increased partnerships and promotions
- **Increase** awareness and utilization of the Vivli platform among the research community
- **Explore** adding the ability to integrate other data types such as genomics and imaging data

“We believe that the tools and discoveries capable of helping us tackle the world’s most pressing challenges — from age-old diseases like malaria to newer threats like drug-resistant superbugs — can only be realized through innovative thinking and global collaboration. Open access to data is critical for both of these things. This is why we are committed to increasing the impact of the research we fund so that it is open and accessible to all through platforms like the one developed by Vivli.”

– Steven Kern, PhD, Deputy Director, Quantitative Sciences, The Bill & Melinda Gates Foundation
The Library of Life

Vivli — adapted from the Greek “vivliothiki,” (library) and the Latin root “viv,” (life)
Our Funders

Vivli is grateful for the financial support and partnership of the following organizations in helping us deliver our mission to promote, coordinate, and facilitate clinical research data sharing through the creation and implementation of a sustainable global data-sharing and analytics platform:

Our Partners

Vivli partners with the following organizations to provide our members and users with best in class technical and operational support.

Founding Organization

Vivli evolved from a project of The Multi-Regional Clinical Trials Center of Brigham and Women’s Hospital and Harvard (MRCT Center) to enhance access to clinical trials data by promoting data sharing and transparency. The MRCT Center was the founding organization of Vivli.