



OPENSPECIMEN

a krishagni product

Revolutionary Biobanking Informatics Platform

free | simple | flexible

OpenSpecimen is a free and open source biobanking informatics platform to collect, store, process, annotate and distribute biospecimens and associated information to selected users. We enable biobanks to collect high quality and standards based data, thereby considerably enhancing the value of the biospecimen stored.

OPENSPECIMEN AT A GLANCE



more than
30 BIOBANKS
support a variety of
diseases, studies and
specimen types



adopted in more than
13 COUNTRIES
the world's most widely-
used open source
biobanking software



OPEN SOURCE
no license fee, and free
upgrades for life

Krishagni actively develops and supports OpenSpecimen. Krishagni's support services include phone/email support, onsite training, data migration, customisation, and integration.

benefits

01 High Quality Data

Collect demographics, consents, QA/QC, reports, clinical, pathological, and other study-specific data

02 Low Cost of Ownership

Zero up-front license fee. Upgrades are free for life. Only pay for support and consultancy services.

03 Easy to Customize

Add custom fields & forms via easy configuration. Customise screens to closely mirror local workflows

04 Biobanking Standards

Uses standards like SNOMED, ICD, LOINC, CAP and UMLS. Supports biobanking standards like NCI, CBM and MIABIS.

05 Globally Adopted

Collaborate with high-ranking research centers across the globe via the OpenSpecimen community forums and annual meetings

06 Latest Technologies

Supports REST APIs. Highly responsive screens (Single Page Application). Supported on tablets (iPad).

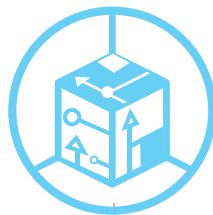
features

OpenSpecimen allows you to track the complete lifecycle of a biospecimen. It is easy to use, HIPAA secure, highly efficient and supports hundreds of concurrent users. A consistent interface and an easily navigable workflow adds to a coherent user experience.



Managing Biospecimen

- Longitudinal collection
- Informed consent
- Biospecimen processing
- Aliquots & derivatives
- Inventory management
- Request and distribution



Data Collection

- Clinical annotations
- Pathology annotations
- Study-based forms
- QA/QC data
- Images
- Text reports



Administration

- Role-based access
- HIPAA secure
- Audit Trail
- Custom forms/fields
- Bulk upload
- CSV
- REST APIs



Upcoming Features

- Pricing and Invoicing
- TMA support
- Screen configuration
- Mobile application

Get high quality support from the creators of OpenSpecimen. Krishagni Solutions has been the developer of NCI caTissue and OpenSpecimen since 2005, and has the expertise and experience to enable you to adopt OpenSpecimen within your budget and time constraints.



TRAINING
Avail our classroom-based training. Optimised OpenSpecimen for your local workflows.



INTEGRATION
Integrate with in-house databases like i2b2, EHR, CTMS, pathology, imaging, etc.



HOSTING
Save on up-front hardware. Use our fully-managed secure hosted servers by Krishagni.



CUSTOMISE
Enhance OpenSpecimen for your local features in an "upgrade-proof" manner.



COMMUNITY FORUMS
Engage with fellow biobankers across the globe to discuss workflows, features and product roadmaps.



DOCUMENTATION
Have unlimited access to user manuals, videos, FAQs, and tips & tricks on how best to use the system.

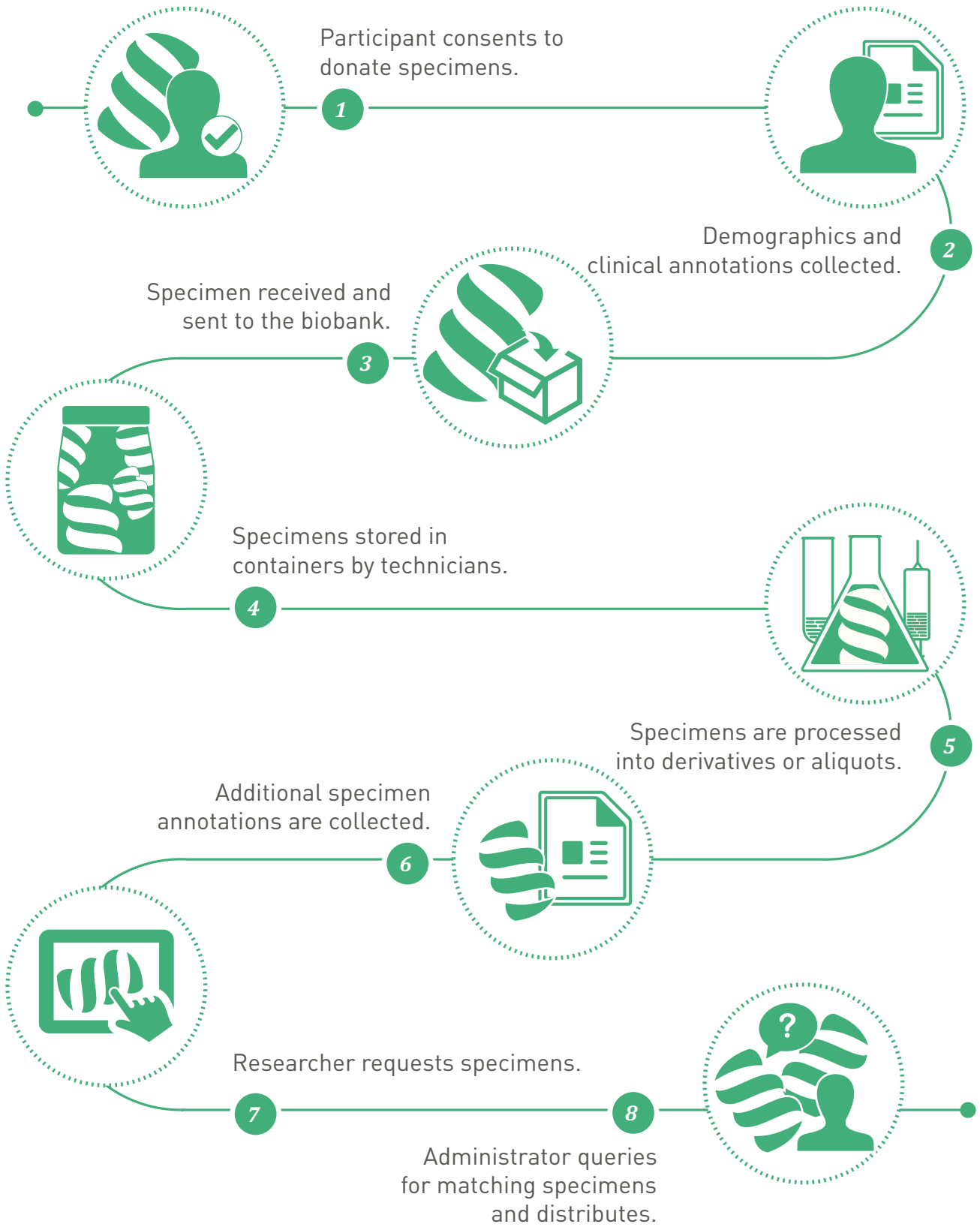


ANNUAL SUPPORT
Benefit from time-bound support from the makers of OpenSpecimen.



DATA MIGRATION
Utilise our experience in quickly migrating your existing data into OpenSpecimen.

OPENSPECIMEN WORKFLOWS



OpenSpecimen adoption

at Thomas Jefferson University, Philadelphia

The Sidney Kimmel Cancer Center (SKCC) at Thomas Jefferson University was among the first sites to integrate our software into their workflow—this was the NCI’s caBIG biobanking application, caTissue. The informatics team and tissue bankers at Jefferson were part of the caBIG group that worked on caTissue development until the end of the caBIG program in 2011.

Today, the SKCC maintains OpenSpecimen to support multiple campus biobanks with over 650,000 specimens from 234,000 individuals, and links the specimen annotation with clinical data from all Jefferson patients in a research data mart.



OpenSpecimen adoption

at University of New South Wales, Sydney

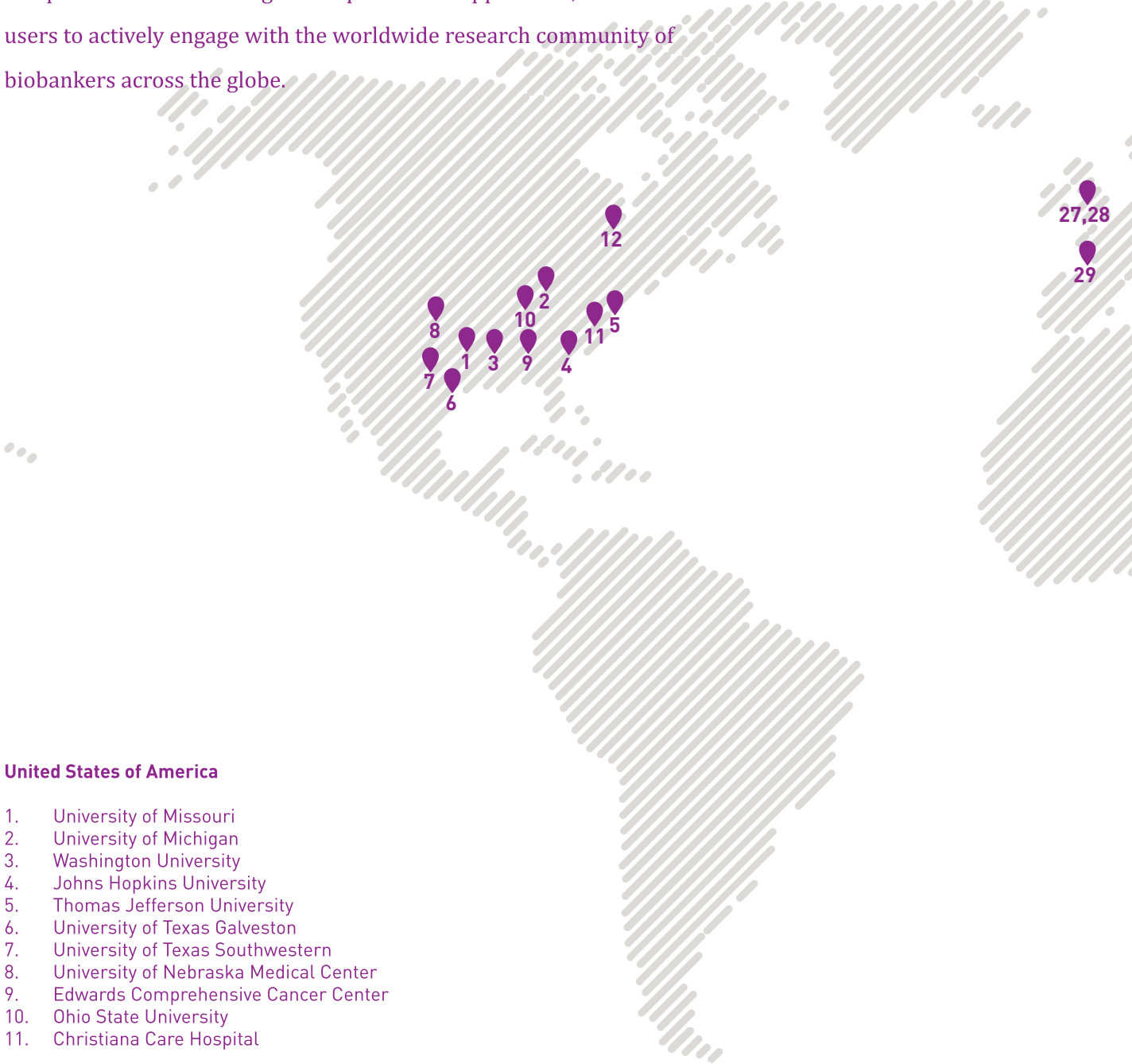
Lowy Biorepository adopted OpenSpecimen (then caTissue) in 2010. It now houses 30 studies from 80 sites with 8,900 participants and 53,000 specimens logged. OpenSpecimen is integrated with other databases like reports, images, OpenClinica and i2b2.

OpenSpecimen has the ability to grow as our biorepository expands.

OpenSpecimen’s ability to link to other databases and sources future-proofs our operations and value-adds to the service we offer to the researchers across the medical center. The inherent flexibility of OpenSpecimen along with the upcoming enhancements means that the database will continue to evolve with our banking requirements.

Global Adoption of OpenSpecimen

Adoption of OpenSpecimen in more than 12 countries has already created a network of biobankers. OpenSpecimen, being a comprehensive biobanking LIMS open source application, allows users to actively engage with the worldwide research community of biobankers across the globe.



United States of America

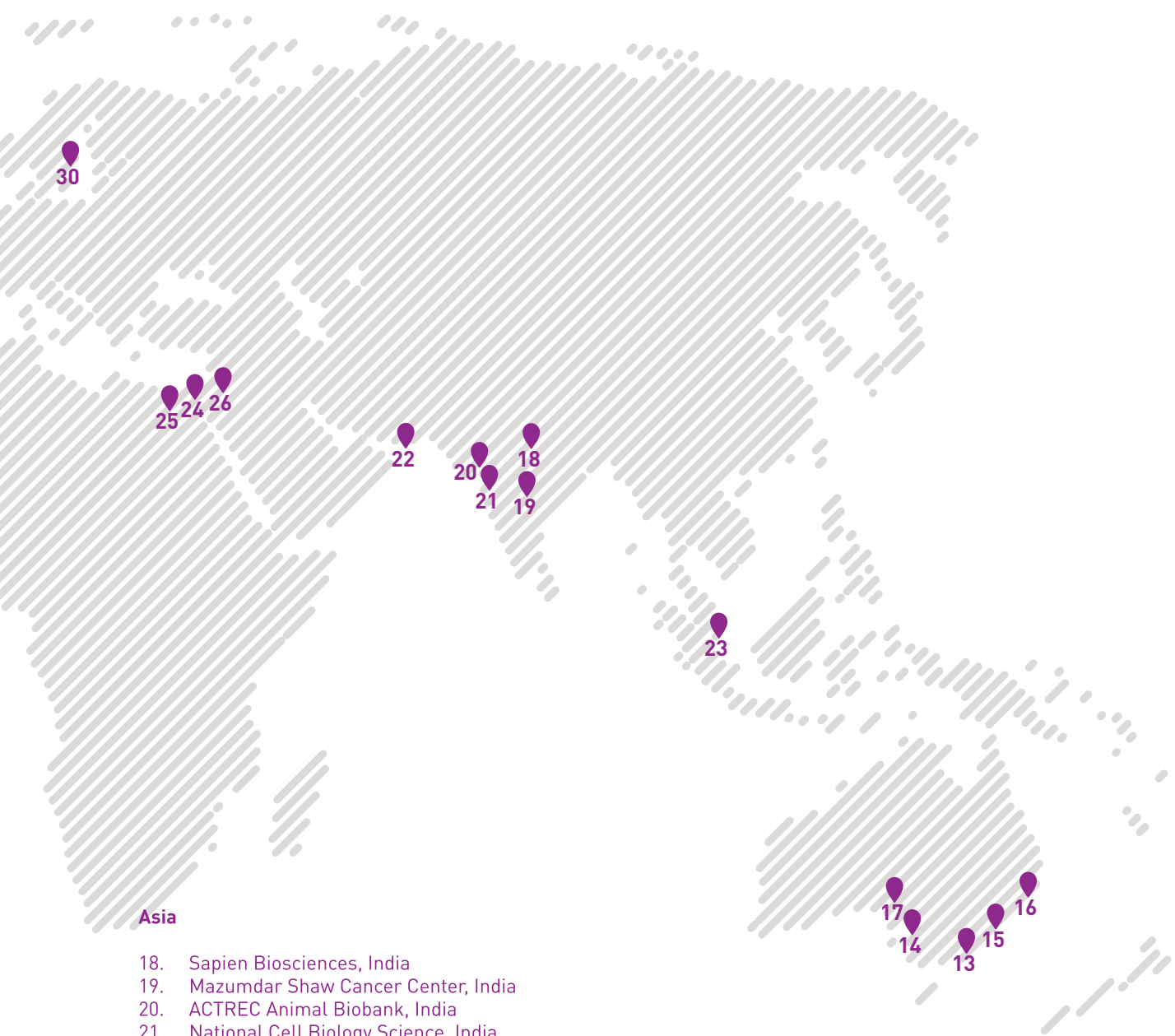
1. University of Missouri
2. University of Michigan
3. Washington University
4. Johns Hopkins University
5. Thomas Jefferson University
6. University of Texas Galveston
7. University of Texas Southwestern
8. University of Nebraska Medical Center
9. Edwards Comprehensive Cancer Center
10. Ohio State University
11. Christiana Care Hospital

Canada

12. Jewish General Hospital McGill, Montreal

Australia

13. St. Vincent Hospital
14. Victorian Cancer Biobank
15. University of New South Wales
16. University of Newcastle
17. University of Melbourne



Asia

- 18. Sapien Biosciences, India
- 19. Mazumdar Shaw Cancer Center, India
- 20. ACTREC Animal Biobank, India
- 21. National Cell Biology Science, India
- 22. Aga Khan University, Pakistan
- 23. Singapore General Hospital

Middle East

- 24. Children's Hospital, Egypt
- 25. National Cancer Institute, Egypt
- 26. King Hussein Cancer Center, Jordan

Europe

- 27. University of Leicester, U.K.
- 28. BRISKit Clinical Informatics Platform, U.K
- 29. Navarabiomed-Miguel Servet Foundation, Spain
- 30. BBMRI.se / Karolinska Institutet, Sweden

Simplicity is the ultimate sophistication

Our goal is to build a world class, free & open source, and highly scalable biobanking informatics platform. Our key mantra is simplicity, clarity, and ease-of-use.

Our team has a unique mix of experience and expertise.

Experience – 10+ Years in Biobanking

Our team members have been involved in biobanking since 2004. During these years, Krishagni has been working closely with the global community of high-ranking clinical research centres to create OpenSpecimen.

Expertise – Computer technologists at heart

We are strongly driven by the latest technological advances. Our team members share a passion for pushing the limits of the technology frontier with an unwavering commitment to quality, simplicity and innovation.

OPENSPECIMEN TEAM



Srikanth Adiga
Team Lead

Srikanth has been involved in OpenSpecimen (formerly caTissue) since 2005. He is an open source evangelist and is committed to transforming OpenSpecimen to a world class biobanking informatics platform. He leads client engagement and project management, and defines product roadmaps.



Poornima Govindrao
Product Manager

Poornima has been part of OpenSpecimen since 2006. She trains numerous organisations that adopt OpenSpecimen, and manages client engagements, requirement gathering and product management.



Vinayak Pawar
Architect

Vinayak is the technical brain behind OpenSpecimen. He is an expert in latest web technologies and developing large-scale enterprise applications. He has been key in transforming OpenSpecimen from an outdated technology-based application to an efficient and innovative platform.

LOCATIONS

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