



CONNECTING LIFE AND SCIENCE

# Welcome to OSCON 2022

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# Agenda

1. Team Introductions
2. A brief history of OpenSpecimen
3. OpenSpecimen usage at WashU
4. System overview
5. Community
6. Questions

# Team Introductions

## Anu Francis

### Technical support

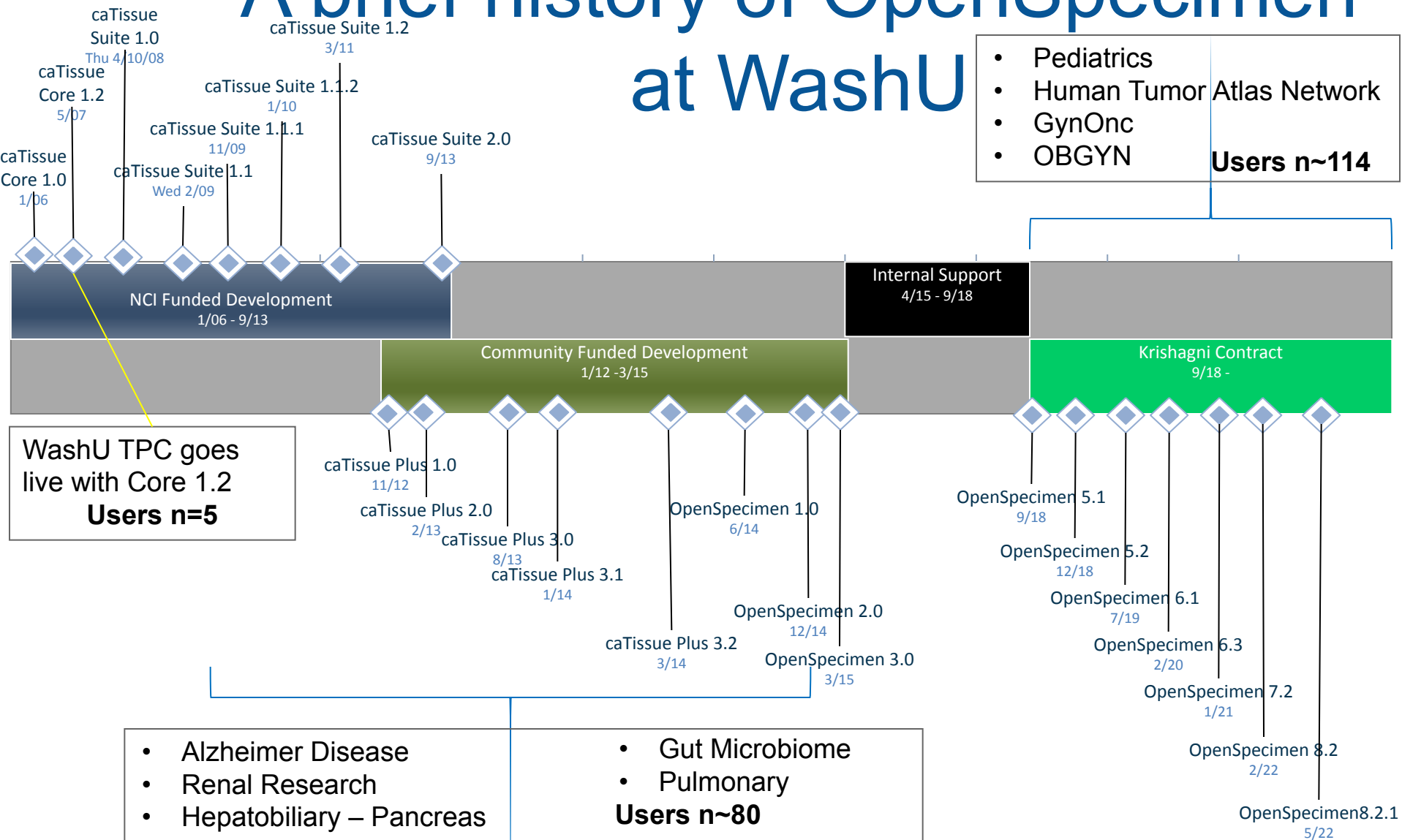
- BJC (hospital partner) database support and maintenance
- WashU IT virtual server and application maintenance, security and stability
- Troubleshooting and support engagement with Krishagni
- Application testing

## Lee Myrick

### Domain Support

- Interface with biobanks for
  - Onboarding/Training
  - Workflow assessment/enhancement
  - REDCap Integration
  - General support
- Application testing and enhancement documentation
- Regulatory (CAP) support

# A brief history of OpenSpecimen at WashU



# Biorepositories Using OpenSpecimen

## Biorepository Types

SCC– shared resource  
(Siteman Cancer Center)

Kidney

Gynecology

Autoimmune diseases

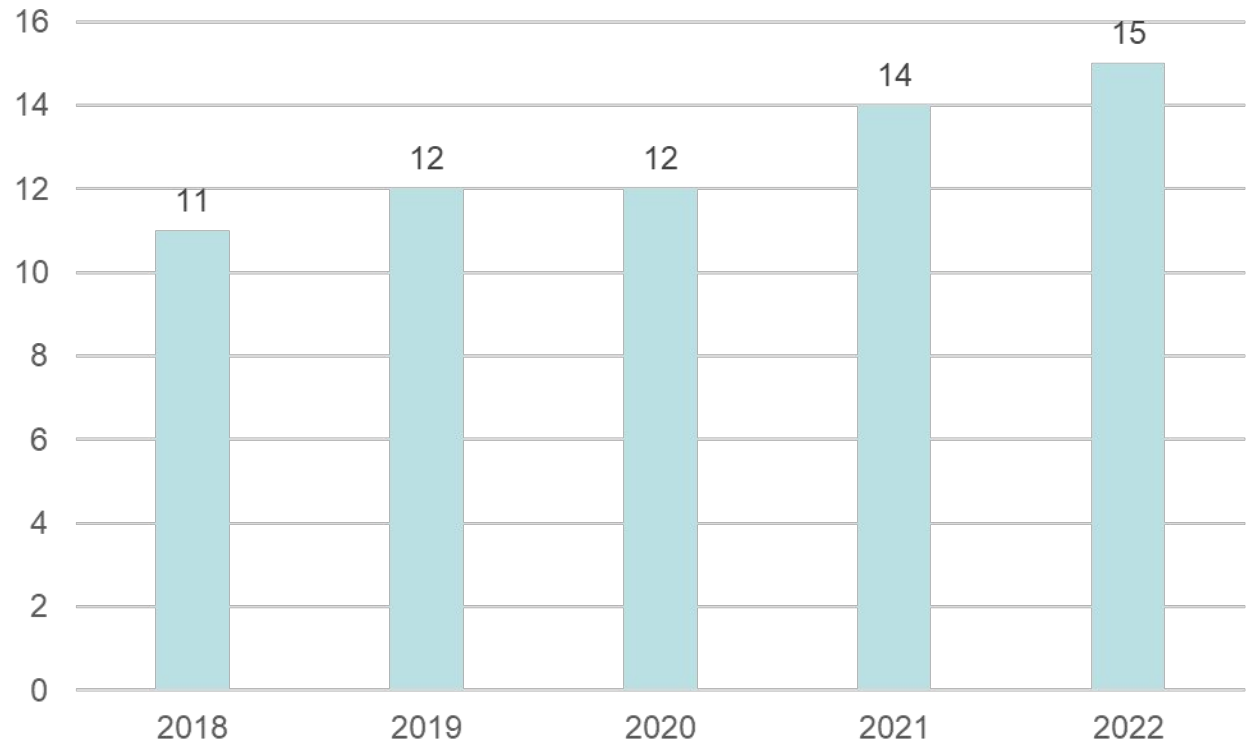
Sepsis

COVID-19

Stroke

Lupus

Total Biorepositories



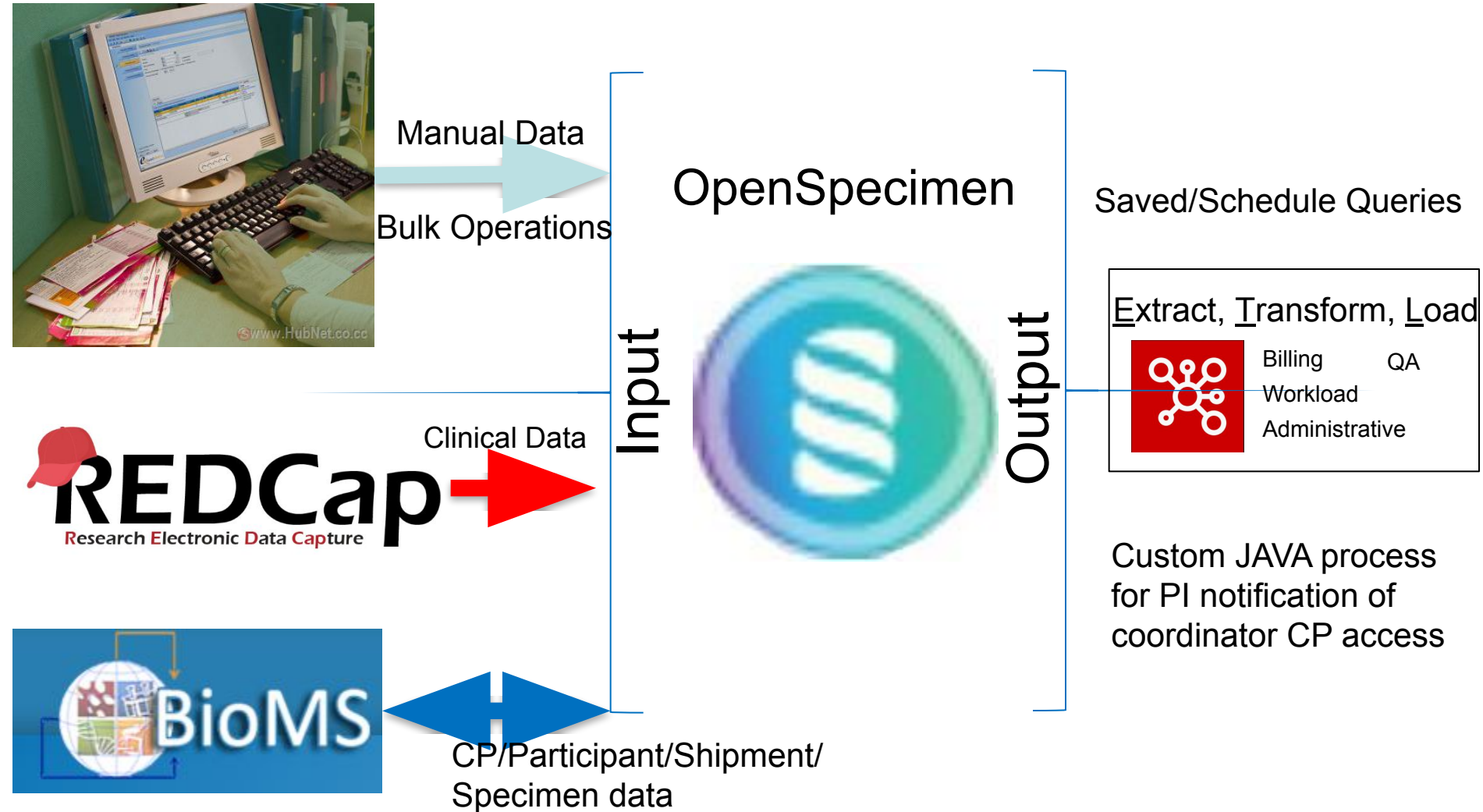
# Plugins

- **Project tracker** (sponsored by WashU)
  - Designed to help biobanks and researchers to keep track of projects, requests, services, timelines, and their status. (more details coming later)
- **Coordinator Workflow** (sponsored by WashU)
  - Designed to streamline primary specimen collection (more details coming later)
- **REDCap**
  - Highly configurable unidirectional integration with clinical data

© Add Services

Services				
ID	Name	Start Date	End Date	Status
1	Processing	Aug 01, 2022	Aug 01, 2022	Completed
2	Histology	Aug 01, 2022	Not Specified	In Progress
3	Molecular	Aug 11, 2022	Aug 17, 2022	Completed
4	Project QC Review	Aug 18, 2022	Aug 18, 2022	Completed
5	Distribution	Aug 18, 2022	Aug 18, 2022	Completed

# System Overview





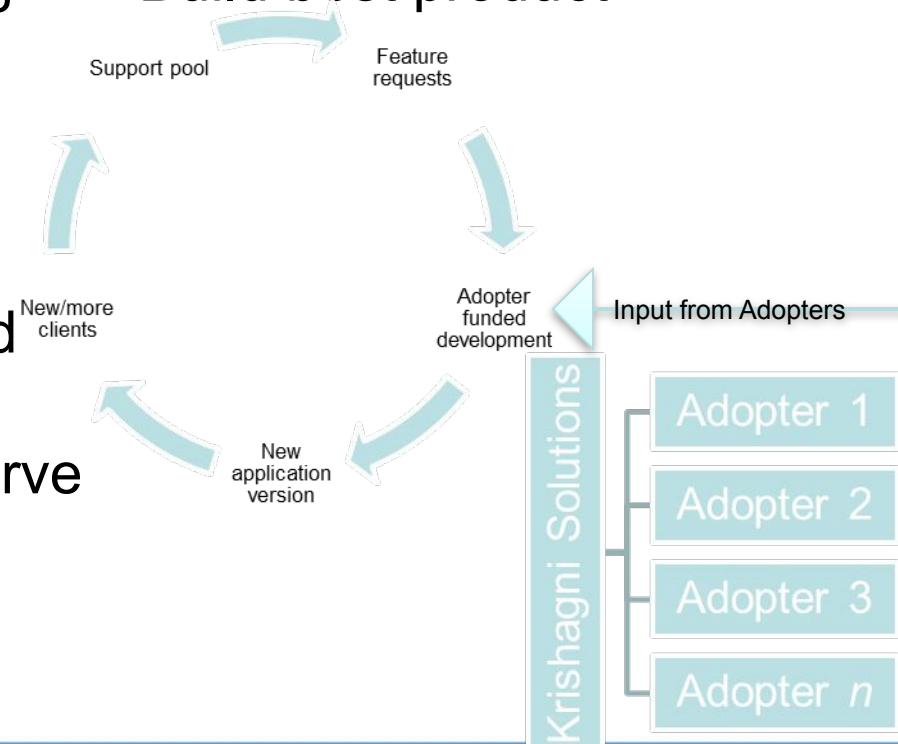
# Community

- Krishagni tools
  - Confluence for user documentation
  - JIRA for issue/request tracking
  - Discussion Forums
- Community virtual meetings
  - Hosted by WashU
  - 2-3 meetings per year
  - Community driven agenda and discussion
  - Learn from others to flatten curve
  - Establish collaboration touchpoints

\*Reach out to Lee for more information

## Goals

- Increase global adoption
- Sustained funding model
- Build best product





# Any Questions