

# BonsaiLIMS

A lightweight LIMS system

## Managing Projects

When you enter Bonsai LIMS you will see a listing for the projects. **BonsaiLIMS** is not limited to single projects, you can manage as many projects as you like. An example of the start screen or project listing is shown below.

The screenshot shows the BonsaiLIMS web interface in a Mozilla Firefox browser. The page title is "Bonsai LIMS / All Projects". The browser address bar shows the URL "http://tmrc-django-dev.tnrc.co.uk/project/list/1". The page features a search bar with the text "Sample:" and a "Search" button. Below the search bar are navigation tabs: "All Projects", "My Projects", "Subjects Worklist", "Samples Worklist", "Create", and "Bookmarks". The main content area displays a table of projects. The table has three columns: "Project [Total: 71]", "Description", and "Sample No". The table lists various projects, including CVMD-AU-007, CVMD-AU-018-019, CVMD-AU-099, CVMD-DU-011, CVMD-DU-013, CVMD-DU-014, CVMD-DU-083, CVMD-DU-085, CVMD-DU-086, CVMD-DU-087, CVMD-DU-093, CVMD-DU-097, CVMD-EU-008, CVMD-EU-016, CVMD-EU-111, CVMD-EU-112/120, CVMD-GU-001, CVMD-GU-004, CVMD-GU-006, CVMD-GU-088, CVMD-NT-114, CXR, Cryodepository, GRSAD009, and INF-AU-103. The "Sample No" column shows the number of samples associated with each project. At the bottom of the table, there is a pagination link "<Page 1 of 3> Next >>" and a "0010" value. A small note at the bottom of the page says "Click on stars to subscribe to or unsubscribe from projects. Learn Why?".

Project [Total: 71]	Description	Sample No
★ CVMD-AU-007	CVMD-AU-007	123
★ CVMD-AU-018-019	CVMD-AU-018-019	62
★ CVMD-AU-099	CVMD-AU-099	0
★ CVMD-DU-011	CVMD-DU-011	0
★ CVMD-DU-013	CVMD-DU-013	151
★ CVMD-DU-014	CVMD-DU-014	6539
★ CVMD-DU-083	CVMD-DU-083	0
★ CVMD-DU-085	CVMD-DU-085	0
★ CVMD-DU-086	CVMD-DU-086	12
★ CVMD-DU-087	CVMD-DU-087	0
★ CVMD-DU-093	CVMD-DU-093	0
★ CVMD-DU-097	CVMD-DU-097	0
★ CVMD-EU-008	CVMD-EU-008	432
★ CVMD-EU-016	CVMD-EU-016	22
★ CVMD-EU-111	CVMD-EU-111	0
★ CVMD-EU-112/120	CVMD-EU-112/120	0
★ CVMD-GU-001	CVMD-GU-001	0
★ CVMD-GU-004	CVMD-GU-004	0
★ CVMD-GU-006	CVMD-GU-006	0
★ CVMD-GU-088	CVMD-GU-088	0
★ CVMD-NT-114	CVMD-NT-114	23
★ CXR	CXR	454
★ Cryodepository	Cryodepository	351
★ GRSAD009	GRSAD009	73
★ INF-AU-103	INF-AU-103	0

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0010 » 1 2 3

Click on stars to subscribe to or unsubscribe from projects. Learn [Why?](#)

The project name and Description can be set to what ever the user requires. The number of samples associated with the project are shown on the right hand column. Projects can be set up in advance of receiving samples and so will have a sample number of zero in this column. On the very left hand column, next to each project is a star. Users can select these stars by clicking on them, and they will turn Gold. This registers the user for that specific project so they will only see the projects they are registered for in the “My Projects” Tab. This can be helpful is the institution has large numbers of projects.

# Managing subjects

BonsaiLIMS makes it easy to manage subjects associated with your projects

The screenshot shows the BonsaiLIMS web application in a Mozilla Firefox browser. The page title is "BonsaiLIMS / Subjects by Project CVMD-DU-014". The user is logged in as "Daniel". The interface includes a search bar for "Sample:" and a navigation menu with options: "All Projects", "My Projects", "Subjects Worklist", "Samples Worklist", "Create", and "Bookmarks". The "My Projects" section is active, showing a list of subjects for project "CVMD-DU-014".

Subject	Age	Gender	Samples
Donor of 9423217	48	M	1
Donor of 9423218	76	M	1
Donor of 9423219	46	M	1
Donor of 9423220	74	M	1
Donor of 9423221	73	F	1
Donor of 9423222	44	M	1
Donor of 9423027	62	M	1
Donor of 9423028	69	M	1
Donor of 9423029	68	F	1
Donor of 9423030	60	F	1
Donor of 9423031	57	M	1
Donor of 9423032	68	M	1
Donor of 9423033	66	F	1
Donor of 9423034	65	F	1
Donor of 9423035	65	M	1
Donor of 9423036	71	M	1
Donor of 9423037	79	M	1
Donor of 9423038	58	F	1
Donor of 9423039	68	F	1
Donor of 9423040	70	M	1
Donor of 9423041	68	M	1
Donor of 9423121	72	M	1
Donor of 9423122	74	F	1
Donor of 9423123	73	M	1
Donor of 9423124	57	M	1

The use of the “create” option allows new subject samples or analysis to be added quickly and easily

The screenshot shows the BonsaiLIMS web application in a Mozilla Firefox browser. The page title is "BonsaiLIMS / Subjects by Project INF-GU-90". The user is logged in as "Daniel". The interface includes a search bar for "Sample:" and a navigation menu with options: "All Projects", "My Projects", "Subjects Worklist", "Samples Worklist", "Create", and "Bookmarks". The "Create" dropdown menu is open, showing options: "New Subject", "New Sample", and "New Analysis". The "My Projects" section is active, showing a list of subjects for project "INF-GU-90".

Subject	Age	Gender	Samples
2776	None		1
2781	None		1
2785	None		1
2791	None		1

# Managing Samples

BonsaiLIMS makes it easy to manage samples associated with your project

The screenshot shows the BonsaiLIMS web application interface in a Mozilla Firefox browser. The page title is "BonsaiLIMS / Samples by Project INF-GU-90". The URL is "http://tmrc-django-dev.tnrc.co.uk/samples/list/byproject/91/1". The page features a search bar with the text "Sample:" and a "Search" button. Below the search bar are navigation tabs: "All Projects", "My Projects", "Subjects Worklist", "Samples Worklist", "Create", and "Bookmarks". The main content area displays a table of samples with the following columns: Barcode No, Subject, Collection Method, Freezer Location, Material, Aliquot No, and More. The table lists 20 samples, each with a unique barcode number, subject ID, collection method (all "None"), freezer location (e.g., "Basement1sputum3S3-F"), material type (all "Supernatant"), and aliquot number. Each row includes a "More" link. The page footer indicates "Page 1 of 21" and "Next >>".

Barcode No	Subject	Collection Method	Freezer Location	Material	Aliquot No	More
3831	3831	None	Basement1sputum3S3-F	Supernatant	0	<a href="#">Show</a>
3834	3834	None	Basement1sputum3S3-F	Supernatant	0	<a href="#">Show</a>
3838	3838	None	Basement1sputum3S3-F	Supernatant	1	<a href="#">Show</a>
3793	3793	None	Basement1sputum3S3-E	Supernatant	1	<a href="#">Show</a>
3802	3802	None	Basement1sputum3S3-E	Supernatant	3	<a href="#">Show</a>
3807	3807	None	Basement1sputum3S3-E	Supernatant	6	<a href="#">Show</a>
3809	3809	None	Basement1sputum3S3-F	Supernatant	0	<a href="#">Show</a>
3818	3818	None	Basement1sputum3S3-F	Supernatant	6	<a href="#">Show</a>
3820	3820	None	Basement1sputum3S3-F	Supernatant	1	<a href="#">Show</a>
3824	3824	None	Basement1sputum3S3-F	Supernatant	3	<a href="#">Show</a>
3827	3827	None	Basement1sputum3S3-F	Supernatant	1	<a href="#">Show</a>
3828	3828	None	Basement1sputum3S3-F	Supernatant	4	<a href="#">Show</a>
3839	3839	None	Basement1sputum3S3-F	Supernatant	6	<a href="#">Show</a>
3840	3840	None	Basement1sputum3S3-G	Supernatant	6	<a href="#">Show</a>
3846	3846	None	Basement1sputum3S3-G	Supernatant	8	<a href="#">Show</a>
3848	3848	None	Basement1sputum3S3-G	Supernatant	0	<a href="#">Show</a>
3849	3849	None	Basement1sputum3S3-G	Supernatant	4	<a href="#">Show</a>
3858	3858	None	Basement1sputum3S3-G	Supernatant	3	<a href="#">Show</a>
3863	3863	None	Basement1sputum3S3-G	Supernatant	0	<a href="#">Show</a>
3868	3868	None	Basement1sputum3S3-G	Supernatant	7	<a href="#">Show</a>
3869	3869	None	Basement1sputum3S3-G	Supernatant	7	<a href="#">Show</a>
3873	3873	None	Basement1sputum3S3-G	Supernatant	0	<a href="#">Show</a>
3875	3875	None	Basement1sputum3S3-G	Supernatant	2	<a href="#">Show</a>
3878	3878	None	Basement1sputum3S3-G	Supernatant	2	<a href="#">Show</a>
3882	3882	None	Basement1sputum3S3-H	Supernatant	2	<a href="#">Show</a>

The material types for biomarker work flows associated with transcriptomics or proteomics work flows can be modeled. Individual aliquot numbers can be reported as well as freezer locations and details about sample destruction etc.

## Quickly Finding Things?

BonsaiLIMS lets you bookmark and subscribe to projects, subjects and samples. It can be useful for quickly navigating to frequently accessed items. Bookmarks can be set at the level of projects.....

BonsaiLIMS / All Projects - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://tmrc-django-dev.tnrc.co.uk/project/list/subscribed

Most Visited Customize Links

TMRC Portal BonsaiLIMS / All Projects

Hello Daniel | [Settings](#) | [Logout](#) | [Help](#)

Sample:  [Search](#)

All Projects My Projects Subjects Worklist Samples Worklist Create Bookmarks

Project	Description	Sample No	Subjects	Samples
CVMD-DU-014	CVMD-DU-014	6539	<a href="#">Show(6539)</a>	<a href="#">Show(6539)</a>
INF-GU-90	INF-GU-90	523	<a href="#">Show(519)</a>	<a href="#">Show(523)</a>
INF-GU-026	INF-GU-026	28	<a href="#">Show(28)</a>	<a href="#">Show(28)</a>
CVMD-AU-007	CVMD-AU-007	123	<a href="#">Show(143)</a>	<a href="#">Show(123)</a>

4 projects are subscribed.

Done

or subjects or samples.

BonsaiLIMS / My Bookmarked Samples - Mozilla Firefox

File Edit View History Bookmarks Tools Help

http://tmrc-django-dev.tnrc.co.uk/bookmark/sample/show/1

Most Visited Customize Links

TMRC Portal BonsaiLIMS / My Bookmarked S...

Hello Daniel | [Settings](#) | [Logout](#) | [Help](#)

Sample:  [Search](#)

All Projects My Projects Subjects Worklist Samples Worklist Create Bookmarks

Barcode No	Subject	Collection Method	Freezer Location	Material	Aliquot No	More
3793	3793	None	Basement1sputum3S3-E	Supernatant	1	<a href="#">Show</a>
3834	3834	None	Basement1sputum3S3-F	Supernatant	0	<a href="#">Show</a>
3838	3838	None	Basement1sputum3S3-F	Supernatant	1	<a href="#">Show</a>
3802	3802	None	Basement1sputum3S3-E	Supernatant	3	<a href="#">Show</a>

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Goto > 1

http://tmrc-django-dev.tnrc.co.uk/bookmark/sample/show/1#