



ImmPort Research Data Search

Introduction

The ImmPort Research Data search tool is a search component that allows users to search for:

- **experiments based on attributes of experiment components such as protocols, study, biological samples, and experiment variables**
- **experiment results based on specific result features**

To start a search using the Research Data Search Tool, login to www.immport.org and click on the "Research Data" link under the "Access Data" tab.

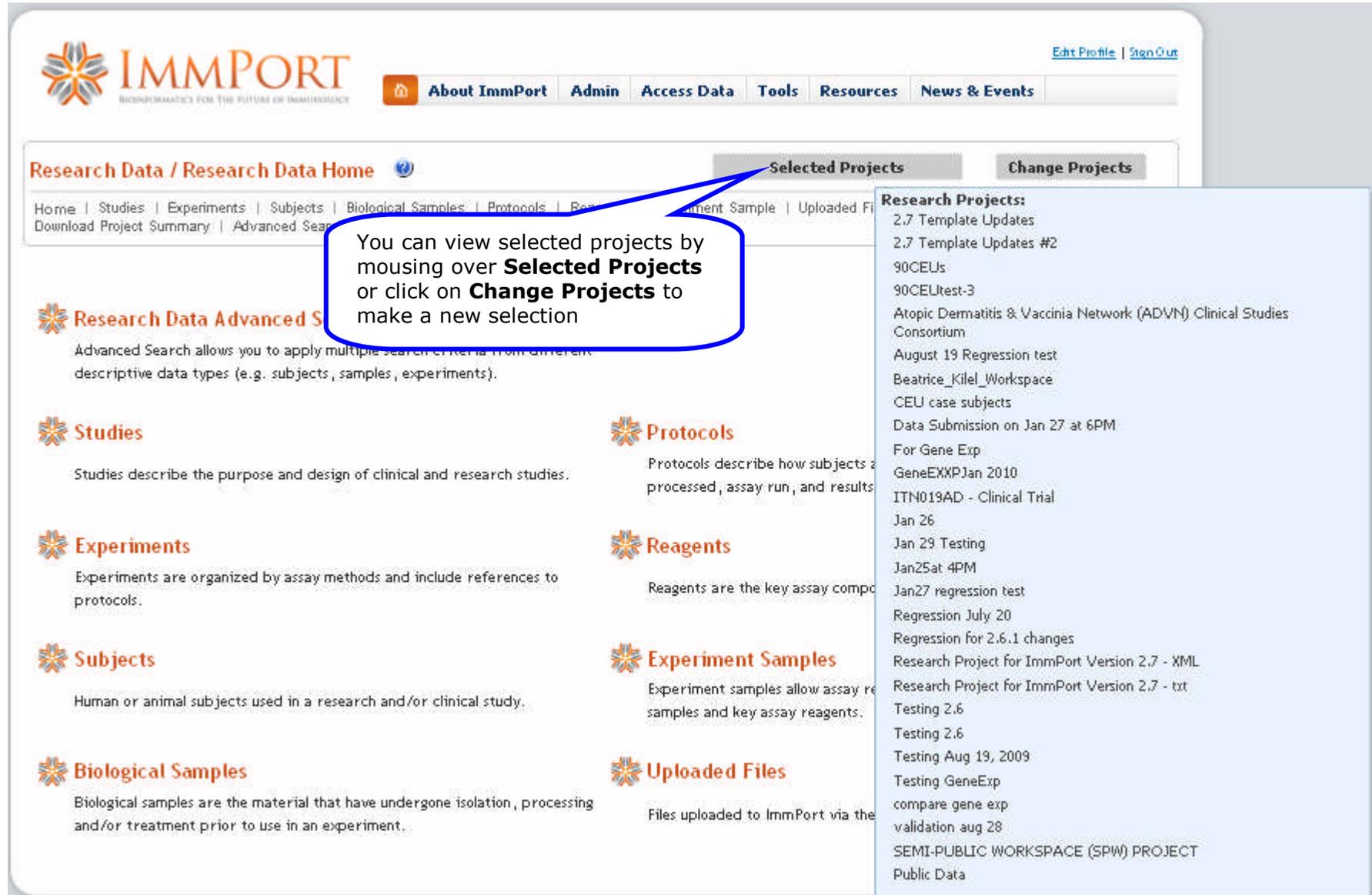
Please contact the helpdesk with any problems or comments on the research data at helpdesk@immport.org



From the homepage, click **Access Data** and select **Research Data**

The screenshot shows the ImmPort homepage with a navigation bar containing 'About ImmPort', 'Admin', 'Access Data', 'Tools', 'Resources', and 'News & Events'. The 'Access Data' dropdown menu is open, showing options like 'Submit Data', 'Submission History', 'Submission Resources', 'Research Data', 'Research Advanced Search', 'Reference Data', 'Reference Advanced Search', and 'My Saved List'. A blue callout box with a pointer highlights the 'Research Data' option in the dropdown. Below the navigation bar, the page title is 'Research Data / Research Data Home'. A breadcrumb trail includes 'Home | Studies | Experiments | Subjects | Biological Samples | Protocols | Reagents | Download Project Summary | Advanced Search'. The main content area features several sections, each with an orange star icon: 'Research Data Advanced Search', 'Studies', 'Experiments', 'Subjects', 'Biological Samples', 'Protocols', 'Reagents', 'Experiment Samples', and 'Uploaded Files'. Each section has a brief description of its content.

From the Access Data menu select Research Data



Research Data / Research Data Home

Home | Studies | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiment Samples | Uploaded Files

Download Project Summary | Advanced Search

Selected Projects **Change Projects**

Research Projects:

- 2.7 Template Updates
- 2.7 Template Updates #2
- 90CEUs
- 90CEUtest-3
- Atopic Dermatitis & Vaccinia Network (ADVN) Clinical Studies Consortium
- August 19 Regression test
- Beatrice_Kilel_Workspace
- CEU case subjects
- Data Submission on Jan 27 at 6PM
- For Gene Exp
- GeneEXXPJan 2010
- ITN019AD - Clinical Trial
- Jan 26
- Jan 29 Testing
- Jan25at 4PM
- Jan27 regression test
- Regression July 20
- Regression for 2.6.1 changes
- Research Project for ImmPort Version 2.7 - XML
- Research Project for ImmPort Version 2.7 - txt
- Testing 2.6
- Testing 2.6
- Testing Aug 19, 2009
- Testing GeneExp
- compare gene exp
- validation aug 28
- SEMI-PUBLIC WORKSPACE (SPW) PROJECT
- Public Data

Research Data Advanced Search
Advanced Search allows you to apply multiple search criteria from different descriptive data types (e.g. subjects, samples, experiments).

Studies
Studies describe the purpose and design of clinical and research studies.

Experiments
Experiments are organized by assay methods and include references to protocols.

Subjects
Human or animal subjects used in a research and/or clinical study.

Biological Samples
Biological samples are the material that have undergone isolation, processing and/or treatment prior to use in an experiment.

Protocols
Protocols describe how subjects are processed, assay run, and results.

Reagents
Reagents are the key assay components.

Experiment Samples
Experiment samples allow assay results to be linked to specific samples and key assay reagents.

Uploaded Files
Files uploaded to ImmPort via the web interface.

You can view selected projects by mousing over **Selected Projects** or click on **Change Projects** to make a new selection

Research Data / Research Data Home

Selected Projects

Change Projects

Home | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiment Sample | Uploaded Files | Share Research Data | Download Project Summary

Research Data Advanced Search

Protocols

Protocols describe how subjects are accessed, samples are collected and processed, assay run, and results analyzed.

Biological Samples

Biological samples are the material that have undergone isolation, processing and/or treatment.

Reagents

Components used to identify analytes.

Experiment

Experiments are protocols.

Experiment

Experiment samples and Reagents

Select Project(s) - Select one or more research and/or collaborative project(s)

Check/Uncheck All

My Research Projects
 Project name in brown are marked for deletion

Project Title	Project Description
<input checked="" type="checkbox"/> Regression Testing Version 2.4.2 - B	This is a second sandbox used for testing ImmPort Version 2.4.2 - B
<input checked="" type="checkbox"/> ImmPort Version 2.5 - XML	Sandbox for Version 2.5 XML uploads
<input checked="" type="checkbox"/> ImmPort Version 2.5 - TXT - Beatrice	Sandbox for Version 2.5 Data Upload - txt
<input checked="" type="checkbox"/> ImmPort Version 2.5 - XML - Beatrice	Sandbox for upload XML data for Version 2.5
<input checked="" type="checkbox"/> Regression Testing Project for Version 2.4	This is a sandbox for regression testing version 2.4
<input checked="" type="checkbox"/> Regression Testing Project for Version 2.4.2	This is a regression testing sandbox for ImmPort Version 2.4.2
<input checked="" type="checkbox"/> ImmPort Version 2.5	Sandbox for Version 2.5

My Collaborative Projects
 Project name in brown are marked for deletion
 No results found.

Workspaces

Project Title	Project Description
Public Project	Public Project for all ImmPort users, initially containing System-loaded public Reagent data and latest platform annotation data. All users have read-only privilege to see and use this data.
PUBLIC WORKSPACE PROJECT	Semi-Public Workspace Project for all registered ImmPort users. All PIs have insert privilege to this project workspace. All registered ImmPort Users have read-only privilege to see and use this data.

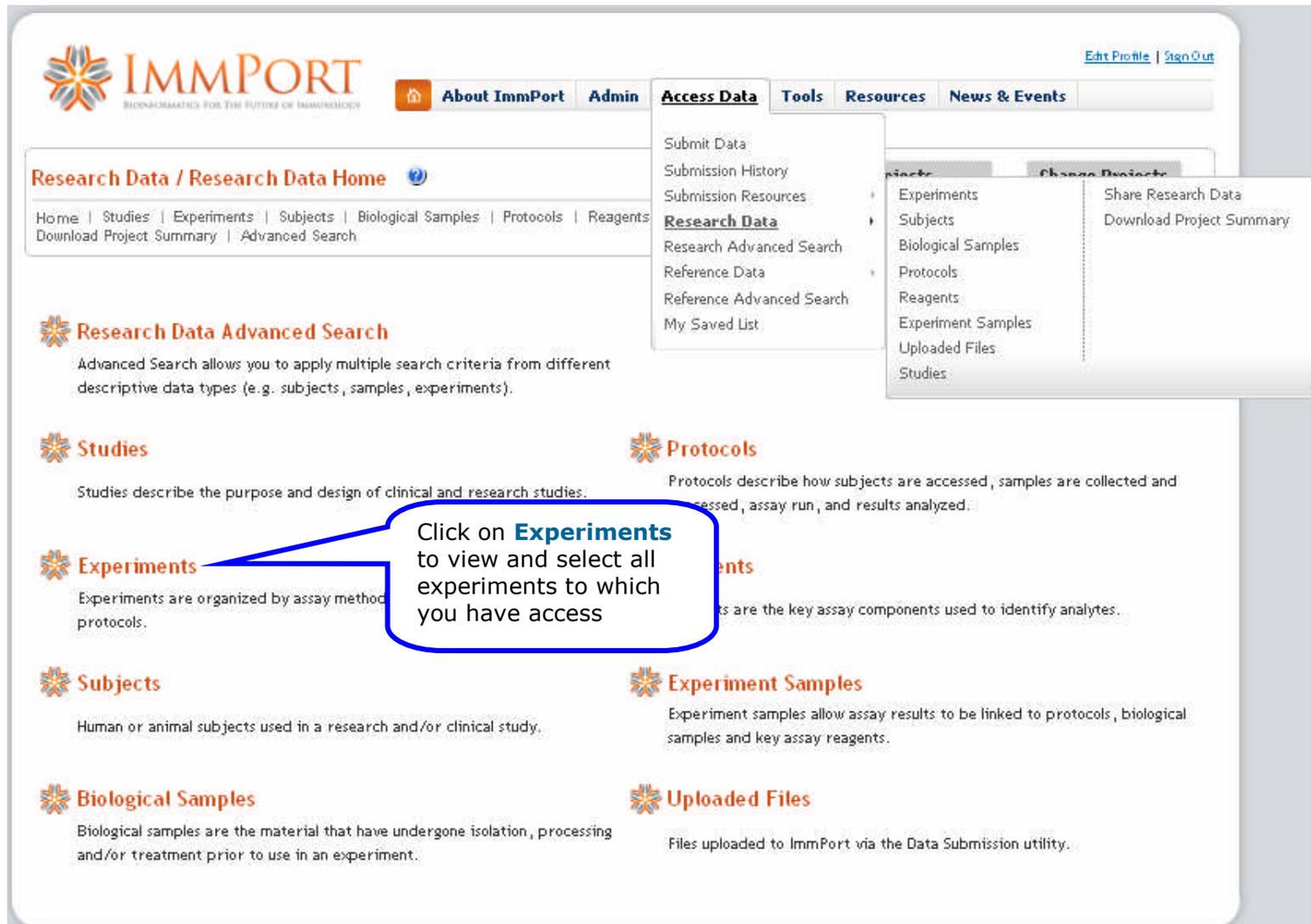
Select Project(s) Cancel

Click **Select Projects** to proceed to research data home

Click on **Change Projects** and make new project selections from the pop-up menu

Selections include Research projects, Collaborative Projects and Public workspaces

Research Data components can be accessed by selection of any link below. Project selections can be made using **Change Projects**.



The screenshot displays the ImmPort website interface. At the top, the logo and navigation menu are visible. The 'Access Data' menu is open, showing options like 'Submit Data', 'Submission History', and 'Research Data'. A 'Change Projects' dropdown menu is also visible, listing categories such as 'Experiments', 'Subjects', 'Biological Samples', 'Protocols', 'Reagents', 'Experiment Samples', 'Uploaded Files', and 'Studies'. A blue callout box points to the 'Experiments' link in the 'Change Projects' menu.

Research Data / Research Data Home

Home | Studies | Experiments | Subjects | Biological Samples | Protocols | Reagents | Download Project Summary | Advanced Search

Research Data Advanced Search

Advanced Search allows you to apply multiple search criteria from different descriptive data types (e.g. subjects, samples, experiments).

Studies

Studies describe the purpose and design of clinical and research studies.

Experiments

Experiments are organized by assay method and protocols.

Subjects

Human or animal subjects used in a research and/or clinical study.

Biological Samples

Biological samples are the material that have undergone isolation, processing and/or treatment prior to use in an experiment.

Protocols

Protocols describe how subjects are accessed, samples are collected and processed, assay run, and results analyzed.

Experiment Samples

Experiment samples allow assay results to be linked to protocols, biological samples and key assay reagents.

Uploaded Files

Files uploaded to ImmPort via the Data Submission utility.

Change Projects

- Experiments
- Subjects
- Biological Samples
- Protocols
- Reagents
- Experiment Samples
- Uploaded Files
- Studies

Share Research Data
Download Project Summary

Click on **Experiments** to view and select all experiments to which you have access



Two search types can be performed based on:

- Descriptive information
- Selected results

Search based on descriptive information

Experiment Summary

Selected Projects

Change Projects

This page provides a summary overview of various types of experiments within your given research project. You may view detailed information about any specific experiment by selecting an experiment and clicking the 'View Details' button.

To modify your search, please expand the search box →

Search Options

Experiment: Title Like

Experiment: Description Like

Experiment: Type Equal

Experiment: Measurement Technique Name Equal

Experiment: Research Project Equal

IL-3
Cellular_Activity
Cellular_Phenotype
1D_Gel
2D_Gel

Use Search options to **refine** the search.. The search below is for all experiments for which IL-3 appears in the description.

Make experiment selection

Summary Table displays all experiments from selected projects to which you have access

Page 1 of 1 | View Details | Save Items | Save All | Export | Displaying 1 - 2 of 2

<input type="checkbox"/>	Exp Accession	User Def Id	Exp Title	Exp Type	Exp Meas Tech	Num of Exp Samples	Project Title
<input type="checkbox"/>	EXP8564	Expt_2	IL-3 Secretion in B cells	Quantification	ELISA	4	IP2 FCM DUL
<input type="checkbox"/>	EXP8594	Expt_2	IL-3 Secre				April13

- **View details** of each experiment selected
- **Save** any or all experiments to a list
- **Export** selected experiments



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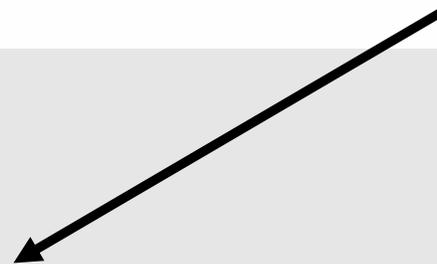
ImmPort Research Data Searches

Two search types can be performed based on:

- **Descriptive information**
- **Selected results**

Search based on descriptive information

Click to view a look up table of available items that is not a controlled vocabulary



Detailed View: Experiments

EXP 1
EXP101

Experiments displayed are from the projects selected. To **view details** of each experiment displayed, click on individual tabs.

Project Title: TESTING: B
Principal Investigator: Bergerr, P
Experiment Accession No: EXP1
User Defined Experiment ID: ELISPOT Expt
Title: IL-6 Secretion in B cells from an SLE patient
Experiment Type: Cytokine_Quantification
Measurement Technique: ELISPOT
Description: The number of activated B cells secreting IL-6 from B cells of an SLE patient will be measured
Hypothesis: Number of activated B cells secreting IL-6 will be greater than in unstimulated cells
Rationale:
Keywords: "IL-6, B cells, SLE"
Quality Control Measures: duplicates
Experimenters: "Jane Doe, John Doe"
Submission Date: 2009-06-25

Experiment Variables:
Experiment links

Experiment Samples associated with this Experiment
 Selected items: ES1, ES2, ES3, ES4

<input checked="" type="checkbox"/>	Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title
<input checked="" type="checkbox"/>	ES1	ELISPOT ES R0001	unstimulated 1	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES2	ELISPOT ES R0004	unstimulated 1 duplica	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES3	ELISPOT ES R0002	anti-IgM 2 hrs	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES4	ELISPOT ES R0005	anti-IgM 2 hrs duplicat	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I

Displaying 1 - 4 of 4

Protocols used

<input type="checkbox"/>	Protocol Accession	User-Defined ID	Name	Type	Author	Project Title
<input type="checkbox"/>	PTL1	ELISPOT Protocol	ELISPOT	Assay		TESTING: Bioinfc

Displaying 1 - 1 of 1

Associated experiment links will appear below the experiment summary and will provide additional details

Exporting Search Results

EXP 1

EXP101

Project Title: TESTING: Bioinformatics Integration Support Project

Principal Investigator: Bergerr, Patty

Experiment Accession No: EXP1

User Defined Experiment ID: ELISPOT Expt

Title: IL-6 Secretion in B cells from an SLE patient

Experiment Type: Cytokine_Quantification

Measurement Technique: ELISPOT

Description: The number of activated B cells secreting IL-6 from B cells of an SLE patient will be measured

Hypothesis: Number of activated B cells secreting IL-6 will be greater than in unstimulated cells

Rationale:

Keywords: "IL-6, B cells, SLE"

Quality Control Measures: duplicates

Experimenters: "Jane Doe, John Doe"

Submission Date: 2009-06-25

Experiment Variables:

Experiment links

Experiment Samples associated with this Experiment

Success! Download: [XLS](#) [PDF](#)

Page 1 of 1
View Details
Save Items
Save All
Export

Displaying 1 - 4 of 4

<input checked="" type="checkbox"/>	Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title
<input checked="" type="checkbox"/>	ES1	ELISPOT ES R0001	unstimulated 1	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES2	ELISPOT ES R0004	unstimulated 1 duplica	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES3	ELISPOT ES R0002	anti-IgM 2 hrs	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I
<input checked="" type="checkbox"/>	ES4	ELISPOT ES R0005	anti-IgM 2 hrs duplicat	EXP1	ELISPOT Expt	ELISPOT_report_file	TESTING: Bioinformatics I

Click **Export** (below) to export data displayed in summary table. Export options include **XLS** or **PDF**

Search based on results characteristics

Select or review selected projects

Experiment Sample Summary

Selected Projects

Change Projects

This page provides a summary overview of experiment samples within your given research project. You may view detailed information about specific experiment sample by selecting one or more experimental samples and clicking the 'View Details' button.

To modify your search, please expand the search box →

Search Options

Experiment Sample: User Def Id Like

Experiment Sample: Name Like

Experiment Sample: User Def Exp Id Like

Experiment Sample: Description Like

Experiment Sample: Data Format Equal

Experiment Sample: Saved List

Example search based data format and sample description: FCM and BAFF

Select experiment samples for **Detailed Viewing** or for **Export**

Page 1 of 2 | View Details | Save Items | Save All | Export | Displaying 1 - 25 of 48

Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title	
<input type="checkbox"/>	ES100394	101806_1	Untreated replicate 1	EXP8400	Experiment 10/18/06	FCM_report_file	tessting
<input type="checkbox"/>	ES100395	101806_2	Untreated replicate 2	EXP8400	Experiment 10/18/06	FCM_report_file	tessting
<input type="checkbox"/>	ES100396	101806_3	Untreated replicate 3	EXP8400	Experiment 10/18/06	FCM_report_file	tessting
<input type="checkbox"/>	ES100397	101806_4	BAFF treated replicate 1	EXP8400	Experiment 10/18/06	FCM_report_file	tessting



The same repertoire is repeated for all the other research data – biological samples, protocols, experiment samples, reagents

The screenshot shows the ImmPort website interface. At the top, there is a navigation bar with the ImmPort logo and the tagline 'BIOINFORMATICS FOR THE FUTURE OF IMMUNOLOGY'. The navigation menu includes 'About ImmPort', 'Admin', 'Access Data', 'Tools', 'Resources', and 'News & Events'. The 'Access Data' menu is open, showing options like 'Submit Data', 'Submission History', 'Submission Resources', 'Research Data', 'Research Advanced Search', 'Reference Data', 'Reference Advanced Search', and 'My Saved List'. Below the navigation bar, there is a breadcrumb trail: 'Home | Studies | Experiments | Subjects | Biological Samples | Protocols | Reagents'. The main content area features a 'Research Data / Research Data Home' section with a 'Download Project Summary' and 'Advanced Search' link. Below this, there are several data type categories, each with a brief description: 'Research Data Advanced Search', 'Studies', 'Experiments', 'Subjects', 'Biological Samples', 'Protocols', 'Reagents', 'Experiment Samples', and 'Uploaded Files'. A blue callout box with a pointer to the 'Subjects' link contains the text: 'Click on **Subjects** to view and select all subjects to which you have access'.

Search based on results characteristics

Research Data / Subject-Organism Summary  Selected Projects Change Projects

Home | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiment Sample | Uploaded Files | Studies | Share Research Data | Download Project Summary

This page provides a summary overview of various types of subjects within your given research project. You may view detailed information about specific subjects by selecting one or more subjects and clicking the 'View Details' button.

Search Options

Subject: User Def Subject Org Id Like [input type="text"] ...

Subject: Research Project Equal [input type="text"] ...

Subject: Species Equal

- Drosophila melanogaster
- Gallus gallus
- ..
 ...

Subject: Strain [input type="text"] ...

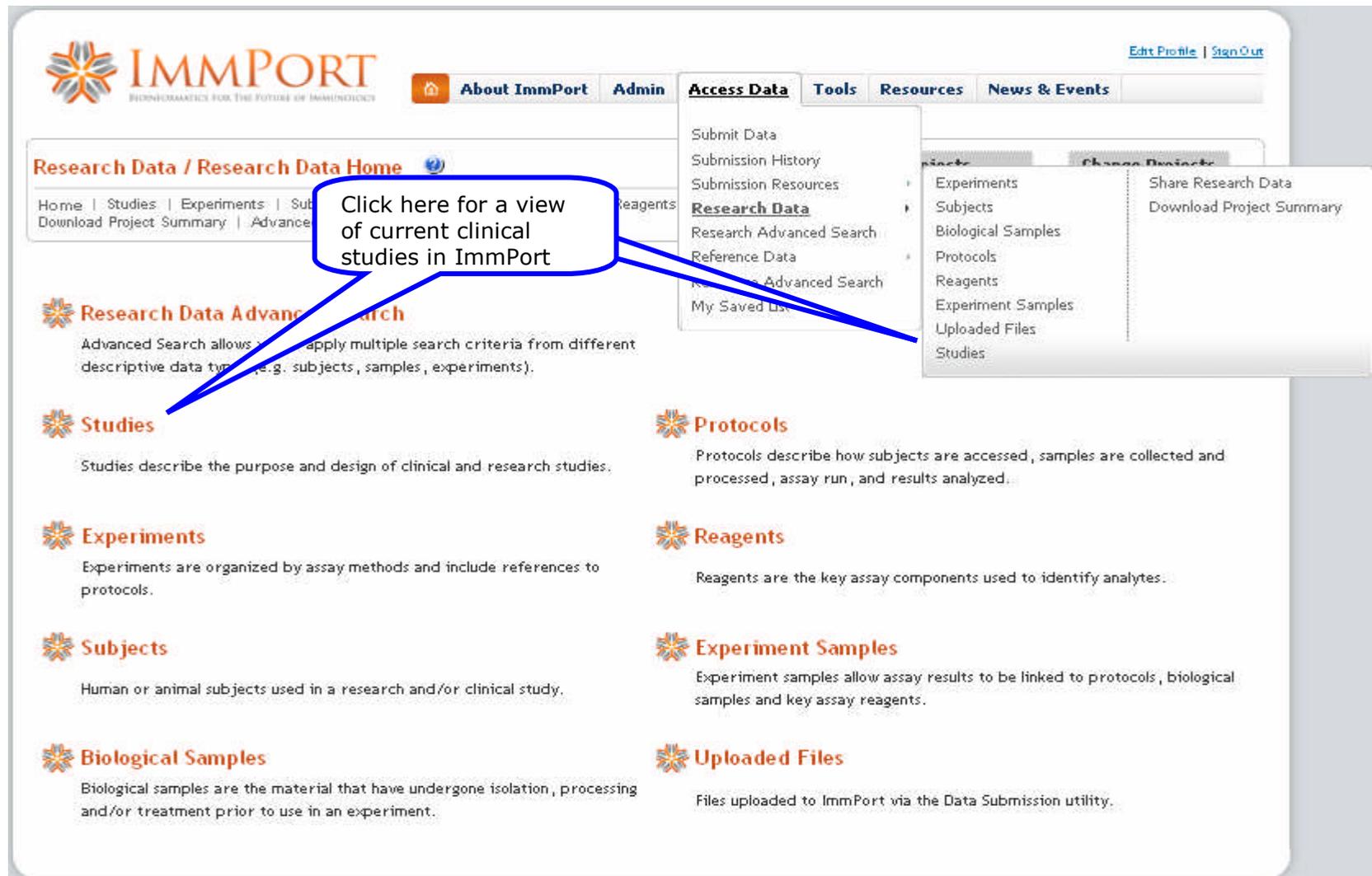
Subject: Saved List [input type="text"] ...

Select a subject accession number to view details, save items, save all or export or further analysis

Page 1 of 31 | Displaying 1 - 25 of 754

<input type="checkbox"/>	Sub_Org_Accession	User-Defined ID	Species	Race/Strain	Gender	Description	Project Title
<input type="checkbox"/>	SUB1	ELISPOT Subject	Homo sapiens	Caucasian	Female	"Acute systemic lupus erythematosi	TESTING: Bioinformatics Ir
<input type="checkbox"/>	SUB10	Subject_Exp13_3:	Homo sapiens	Black or African /	Male	This subject is the Father of Subject	TESTING: Bioinformatics Ir
<input type="checkbox"/>	SUB11	Subject_Exp13_4:	Homo sapiens	Native Hawaiians	Female	This subject is the Mother of Subject	TESTING: Bioinformatics Ir
<input type="checkbox"/>	SUB12	Subject_Exp13_3:	Homo sapiens	Black or African /	Female	This subject is the Offspring of the p	TESTING: Bioinformatics Ir
<input type="checkbox"/>	SUB13	Subject_Exp13_2:	Homo sapiens	Native Hawaiians	Male	This subject is the Father of Subject	TESTING: Bioinformatics Ir
<input type="checkbox"/>	SUB14	Subject_Exp13_2:	Homo sapiens	Black or African /	Female	This subject is the Mother of Subject	TESTING: Bioinformatics Ir

Study is accessed from the 'Access Data' tab under research data in the ImmPort homepage. Studies describes the purpose and design of the clinical and research studies. The study information in ImmPort includes title information, description, objectives, type, arm or cohort in a given project.



The screenshot shows the ImmPort homepage with the 'Access Data' menu open. A blue callout box with a white background and a blue border contains the text: "Click here for a view of current clinical studies in ImmPort". A blue arrow points from this box to the 'Studies' link in the 'Access Data' dropdown menu. The 'Access Data' menu also includes links for 'Submit Data', 'Submission History', 'Submission Resources', 'Research Data', 'Research Advanced Search', 'Reference Data', 'Reagents Advanced Search', and 'My Saved Lists'. The 'Research Data' menu item is highlighted, and its sub-menu is visible, containing links for 'Experiments', 'Subjects', 'Biological Samples', 'Protocols', 'Reagents', 'Experiment Samples', 'Uploaded Files', and 'Studies'. The 'Studies' link is the one indicated by the callout box.

Research Data / Research Data Home

Home | Studies | Experiments | Submission Resources | Reagents

Research Data Advanced Search
Advanced Search allows you to apply multiple search criteria from different descriptive data types (e.g. subjects, samples, experiments).

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Studies describe the purpose and design of clinical and research studies.

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Protocols
Protocols describe how subjects are accessed, samples are collected and processed, assay run, and results analyzed.

Reagents
Reagents are the key assay components used to identify analytes.

Experiment Samples
Experiment samples allow assay results to be linked to protocols, biological samples and key assay reagents.

Uploaded Files
Files uploaded to ImmPort via the Data Submission utility.

Search based on results characteristics

Research Data / Clinical Study Summary

Home | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiments | Download Project Summary

This page provides a summary overview of various types of clinical studies within your given project by selecting one or more studies and clicking the 'view Details' button.

Search Options

study: Accession Like
 study Title Like
 study Description Like
 study Objectives Like
 study: Project Equal
 study Type

Submit

Page 1 of 1

Displaying 1 - 3 of 3

Title	Principal Investigator	Primary Objective	Study Type	Assay Result
<input type="checkbox"/> Allergen immunotherapy Co-administered with Omalizumab	Thomas Cas...	examine whether omalizumab given prior to RIT followed by 12 weeks of dual oma...		ELISA FCM
<input type="checkbox"/> Immune Response to Varicella Vaccination in Subjects with Atopic Dermatitis Compared to Nonatopic Controls	Lynda Schneider	Primary Objective: To determine if children with AD have VZV-specific cell mediated immune (CMI) res...	Observational	FCM
<input type="checkbox"/> TEST STUDY 2 - PILOT - Allergen immunotherapy Co-administered with Omalizumab		Primary Objective: To examine whether omalizumab given prior to RIT followed by 12 weeks of dual oma...	Interventional	ELISA FCM

Click here for a brief view of the studies available



Search based on results characteristics

Research Data / Study Summary

Selected Projects

Change Projects

Home | Studies | Experiments | Subjects | Biological Samples | Protocols | Reagents | Experiment Sample | Uploaded Files | Share Research Data | Download Project Summary | Advanced Search

This page provides a summary overview of various types of clinical studies within your given research project. You may view detailed information about specific clinical study by selecting one or more studies and clicking the 'View Details' button.

Search Options

Study Title	Like		
Study Description	Like		
Study Objectives	Like		
Study: Project	Equal		
Study Type	Like		

Study summary displays the study title, PI, objectives, schematics, date generated, study type, subjects number and the array result. Click on '**View details**' or '**export**' selected study for more details

Submit

Selected items: SDY1

Page 1 of 1 | View Details | Export | Displaying 1 - 3 of 3

<input type="checkbox"/>	Title	Principal Investigator	Objectives	Schematic	Start Date	End Date	Study Type	Subjects Number	Assay Result
<input checked="" type="checkbox"/>	Allergen immunotherapy Co-administered with Omalizumab	Thomas Casale	Primary Objective: To examine whether omalizumab given prior to RIT followed by 12 weeks of dual oma...		2003-04-01		Interventional	159	FCM ELISA
<input type="checkbox"/>	Immune Response to Varicella Vaccination in Subjects with Atopic Dermatitis Compared to Nonatopic Controls	Lynda Schneider	Primary Objective: To determine if children with AD have VZV-specific cell mediated immune (CMI) res...				Observational	69	FCM
<input type="checkbox"/>	TEST STUDY 2 - PILOT - Allergen immunotherapy Co-administered with Omalizumab	--	Primary Objective: To examine whether omalizumab given prior to RIT followed by 12 weeks of dual oma...		2003-04-01		Interventional	159	FCM ELISA



Click on the Assay Results for detailed information

EXP3728

Project Title: ITN019AD - Clinical Trial
 Principal Investigator: Dunn, Patrick
 Experiment Accession No: EXP3728
 User Defined Experiment ID: ELISA/DACI_ITN019AD
 Title: Antigen Specific Antibodies
 Experiment Type: Cytokine_Quantification
 Measurement Technique: ELISA
 Description:
 Hypothesis:
 Rationale:
 Keywords:
 Quality Control Measures:
 Experimenters:
 Submission Date: 2009-06-19

Experiment Variables:
Experiment links

Experiment Samples associated with this Experiment
 Selected items: ES100000, ES100001, ES100002, ES100003

Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title
<input checked="" type="checkbox"/>	ES100000	ITN019AD_003_014_ ITN019AD_003_014_5_	EXP3728	ELISA/DACI_ITN0	ELISA-MBAA_report_file	ITN019AD - Clinical Trial
<input checked="" type="checkbox"/>	ES100001	ITN019AD_003_014_ ITN019AD_003_014_5_	EXP3728	ELISA/DACI_ITN0	ELISA-MBAA_report_file	ITN019AD - Clinical Trial
<input checked="" type="checkbox"/>	ES100002	ITN019AD_003_014_ ITN019AD_003_014_9_	EXP3728	ELISA/DACI_ITN0	ELISA-MBAA_report_file	ITN019AD - Clinical Trial
<input type="checkbox"/>	ES100003	ITN019AD_003_014_ ITN019AD_003_014_9_	EXP3728	ELISA/DACI_ITN0	ELISA-MBAA_report_file	ITN019AD - Clinical Trial

Protocols used
 Selected items: PTL2334

Protocol Accession	User-Defined ID	Name	Type	Author	Project Title
<input checked="" type="checkbox"/>	PTL2334	ELISA_Protocol	ELISA_protocol	Assay	ITN019AD - Clinici

When the Assay Results links is clicked from the preceding slide, the Experiment Samples and associated metadata page is displayed. Any selected metadata files can be viewed in more detail, saved or exported.



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ImmPort Research Data Queries

Detailed page of the Study Allergen immunotherapy Co-administered with Omalizumab (SDY1). Below is a collapsed view presentation of the study. To view the details of each block, please go the next slide.

IMMPORT [Edit Profile](#) | [Sign Out](#)

[Home](#) | [About ImmPort](#) | [Admin](#) | [Access Data](#) | [Tools](#) | [Resources](#) | [News & Events](#)

Research Data / Study Detail [Selected Projects](#) [Change Projects](#)

[Home](#) | [Studies](#) | [Experiments](#) | [Subjects](#) | [Biological Samples](#) | [Protocols](#) | [Reagents](#) | [Experiment Sample](#) | [Uploaded Files](#) | [Share Research Data](#) | [Download Project Summary](#) | [Advanced Search](#)

[\(Back to Advanced Search\)](#)

SDY1

Collapse All: Expand All:

- Study Summary**
- Demographics**
- Assessments**
- Concomitant Medications**
- Adverse Events**
- Clinical Lab Tests**
- Mechanistic Assays**
- Documentation**

A maximum of 10 tabs can be displayed on a study detail page. Expand the blocks for detailed information on the study characteristics

1. Study Summary

SDY4
Collapse All: Expand All:

Study Summary -

Study Title:	Allergen immunotherapy Co-administered with Omalizumab
Principal Investigator:	Thomas Casale
Study Type:	Interventional
Condition Studied:	Seasonal allergy to ragweed
Brief Description:	A series of allergy shots may reduce symptoms of seasonal ragweed allergies. This study will determine whether taking a drug called omalizumab (also known as Xolair) before getting the allergy shots is more effective than allergy shots alone or other treatments, such as prescription antihistamines.
Start Date:	2003-04-01
Schematic:	Schematic Image ()
Detailed Description:	Allergic rhinitis affects 20 to 40 million Americans annually. Allergy symptoms, which can range fro ...
Objectives:	Primary Objective: To examine whether omalizumab given prior to RIT followed by 12 weeks of dual oma ...
Endpoints:	Primary Endpoint: The primary endpoint will be the average daily allergy severity score, which wil ...
Gender Included:	Both
Subjects Number:	159
Study Summary:	Download Study Summary

Arms or Cohorts

Arm Name	Description	Population Selection Rule
ARM 1 Immunotherapy with anti-IgE	Omalizumab pre-treatment, ragweed RIT, omalizumab + ragweed IT	Randomized 1:1:1:1 to 4 treatment groups"
ARM 2 Placebo Immunotherapy with anti-IgE	Omalizumab pre-treatment, placebo RIT, omalizumab + placebo IT	Randomized 1:1:1:1 to 4 treatment groups"
ARM 3 Immunotherapy with placebo anti-IgE	Placebo omalizumab pre-treatment, ragweed RIT, placebo omalizumab + ragweed IT	Randomized 1:1:1:1 to 4 treatment groups"
ARM 4 Placebo Immunotherapy with placebo anti-IgE	Placebo omalizumab pre-treatment, placebo RIT, placebo omalizumab + placebo IT	Randomized 1:1:1:1 to 4 treatment groups"

Publications

PubMed ID	Year	Title	Journal	Authors
16387596	2006	Omalizumab pretreatment decreases acute reactions after rush immunotherapy for ragweed-induced seasonal allergic rhinitis	The Journal of Allergy and Clinical Immunology	Casale TB, Busse WW, Kline JN, Ballas ZK, Moss MH, Townley RG, Mokhtarani M, Seyfert-Margolis V, Asare A, Bateman K, Deniz Y; Immune Tolerance Network Group.
17631952	2007	Combination treatment with omalizumab and rush immunotherapy for ragweed-induced allergic rhinitis: Inhibition of IgE-facilitated allergen binding	The Journal of Allergy and Clinical Immunology	Klunker S, Saggar LR, Seyfert-Margolis V, Asare AL, Casale TB, Durham SR, Francis JN

Inclusion Exclusion Criteria

Category	Criterion
INCLUSION	A positive skin test by prick method to ragweed pollen at Visit -01. A positive skin prick test will be defined as a ragweed pollen-induced wheal >3 mm larger in diameter than diluent control (measurements will be made 15-20 minutes after application).
INCLUSION	History of seasonal allergic rhinitis for at least 2 years with symptoms during the ragweed pollen season requiring



2. Study Demographics

Demographic Statistic	ARM 1	ARM 2	ARM 3	ARM 4
Min Age		18 years	18 years	18 years
Mean Age		32 years	32 years	34 years
Max Age		49 years	49 years	49 years
Gender - Male (Co)			20	18
Gender - Female			20	22
Gender - Male (F)	58.41 %		50.00 %	45.00 %

Demographic statistic is shown for the different arms. Can be sorted ascending or descending manner. The results can be exported for further analysis. The sorting and filtering can be done in all the blocks.

3. Study Assessments

Assessments

Assessments Summary

Page 1 of 1 | Export | Displaying 1 - 4 of 4

Assessment Name Reported	Totals By	ARM 1	ARM 2	ARM 3	ARM 4
Participant Diary Card Record	Assessment Components	66,948	73,045	65,604	64,078
Participant Diary Card Record	Subjects	36	38	37	38
Vital Signs	Assessment Components	7,693	7,962	7,946	7,990
Vital Signs	Subjects	39	40	40	40

ARM 1 = Immunotherapy with anti-IgE
 ARM 2 = Placebo Immunotherapy with anti-IgE
 ARM 3 = Immunotherapy with placebo anti-IgE
 ARM 4 = Placebo Immunotherapy with placebo anti-IgE

The assessment summary shows the counts of arms in the assessments. The component list shows the names of the components in the arm without a reference to the arms.

Assesment Component List

Export - exports the current table to Excel or PDF
 All Study Assessments - opens a new window with all assessment values for this study
 Component links - opens a new window with all assessment values for that component.

Page 1 of 1 | Export | All Study Assessments | Displaying 1 - 16 of 16

Assessment	Assessment Component
Participant Diary Card Record	Itchy Nose Throat Severity Score
Participant Diary Card Record	Itchy Watery Eyes Severity Score
Participant Diary Card Record	Nasal Congestion Severity Score
Participant Diary Card Record	Number of Rescue Medication Taken
Participant Diary Card Record	Runny Nose Score
Participant Diary Card Record	Sneezing Severity Score



3.1 Study Assessments results using Advanced Search

To modify your search, please expand the search box -

Advanced Search - Selected Return Data Type : **Subject - Clinical Assessments**

Tip: You can select a range of rows by holding down the Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Page 1 of 12051 | Export | Displaying 1 - 25 of 301266

Assess	Subject	Study	Arm	Specie	Race	Gender	Subject	Name	Component	Clinically Si	Occurrence	Study Day	Result	Value	Unit	Organ
AC100i	SUB73	Allerger	Placeb	Homo	White	Female	Ragwe	Particip	Sneezing Se	N	N	97	0			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	127	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	128	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	128	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	129	3			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	129	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	130	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	130	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	131	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	131	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	132	1			Respir
AC100i	SUB73	Allerger	Placeb	Homo	White	Female	Ragwe	Particip	Sneezing Se	N	N	98	2			Respir
AC100i	SUB73	Allerger	Immun	Homo	White	Female	Ragwe	Particip	Itchy Nose	N	N	132	2			Respir

List of all the Clinical Assessments available in ImmPort



3.2 Study Assessments accessed from Advanced Search

Search / Research Advanced Search  Selected Projects Change Projects

Using Advanced Search:

- ▶ Choose the type of data you want to find (e.g. subjects, samples) from the drop down list.
- ▶ Choose a folder to refine your search. It can be the same or different data type from the data you want to find.
- ▶ Click on the data feature(s) you want to search.
- ▶ Enter search terms for one or more features.

Advanced Search - Selected Return Data Type : Subject

Please Choose Data Type to Find: **Subject** Results per page: 25 Submit Cancel

Advanced Search Attribute Tree

- Advanced Search Attribute Tree
 - Study
 - Study Accession Number
 - Study Title
 - Study Description
 - Study Objectives
 - Research Project
 - Study Type
 - Arm Or Cohort
 - Accession Number
 - Name
 - Description
 - Subject
 - Biological Sample
 - Experiment
 - Experiment Sample
 - Reagent
 - Protocol
 - Uploaded File
 - ELISPOT Results
 - ELISA or MBAA Results
 - FCM Analyzed Results

Drop-down list items:

- Study
- Subject
- Subject - Clinical Assessments**
- Subject - Lab Tests
- Subject - Substances
- Subject - Adverse Events
- Biological Sample
- Experiment
- Experiment Sample
- Reagent
- Protocol
- Uploaded File
- ELISPOT Results
- ELISA or MBAA Results
- FCM Analyzed Results

From the drop-down list you can select Subject-Clinical Assessments and submit to view available assessments in your project in ImmPort



4. Concomitant Medications Summary

Concomitant Medications Summary

Page 1 of 1 | Export | Displaying 1 - 2 of 2

Totals By	ARM 1	ARM 2	ARM 3	ARM 4
Concomitant Medications	119	157	116	114
Subjects	38	40	40	40

The concomitant Medications summary shows the counts of arms for the concomitant medications. The component list shows the details of the compounds which can be exported for further analysis. All the study Con-Meds can be viewed by clicking the arrow (see the next slide)

ARM 1 - Immunotherapy with anti-IgE
ARM 2 - Placebo Immunotherapy with anti-IgE
ARM 3 - Immunotherapy with placebo anti-IgE
ARM 4 - Placebo Immunotherapy with placebo anti-IgE

Concomitant Medications Detail

Export - exports the current table to Excel or PDF
All Study Con-Meds - opens a new window with all concomitant medication values for this study
Compound Name Links - opens a new window with all concomitant medication values for that compound name
ARM counts are counts of the number of subjects who have taken the medication at least once
Compound name links and All Study Con-Meds links are links to instances of the substance being administered.

Page 1 of 12 | Export | All Study Con-Meds | Displaying 1 - 25 of 292

Compound Name	Total Count	ARM 1	ARM 2	ARM 3	ARM 4
ACETYSALICYLIC ACID	19	4	5	5	5
ACICLOVR	4	1	2		1
ADAPALENE	1			1	
ALLEGRA-D	3	1			2
ALLOPURINOL	1				1
AMANTADINE	1	1			

ARM 1 - Immunotherapy with anti-IgE
ARM 2 - Placebo Immunotherapy with anti-IgE
ARM 3 - Immunotherapy with placebo anti-IgE
ARM 4 - Placebo Immunotherapy with placebo anti-IgE



4.1 Subject- Substances results using Advanced Search

To modify your search, please expand the search box -

Advanced Search - Selected Return Data Type : **Subject - Substances**

Tip: You can select a range of rows by holding down the 'Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Page 1 of 54 | Export | Displaying 1 - 25 of 1336

Substa	Subject	Study I	Arm	Species	Race	Gender	Subject	Compo	Compo	Compo	Indicati	Formul	Dose R	Dose U	Dose F	Route c	Is Ongc	Start D	End Da
SM407	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	FEXOF	ALLEGI	Concor	SAR		60	MG	PRN	ORAL		0	
SM408	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	FEXOF	ALLEGI	Concor	SAR		180	MG	QD	ORAL	N	62	63
SM408	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	EXCED	EXCED	Concor	HA		1	TAB	PRN	ORAL	N	67	67
SM408	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	EXCED	EXCED	Concor	HA		2	TABS	PRN	ORAL	N	131	131
SM408	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	CYCLC	FLEXEF	Concor	RT, AR		10	MG	QD	ORAL	N	529	561
SM408	SUB73	Allerger	Immunc	Homo	Asian	Male	Ragwee	CELEC	CELEB	Concor	RT, AR		200	MG	QD	ORAL	N	530	554
SM408	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	PAROX	PAXIL	Concor	ANXIET		20	MG	QD	ORAL			
SM408	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	FEXOF	ALLEGI	Concor	SAR		60	MG	PRN	ORAL		54	
SM408	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	FEXOF	ALLEGI	Concor	SAR		180	MG	QD	ORAL	N	62	63
SM408	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	SALBU	ALBUTI	Concor	SOB		180	MCG	PRN	INHALE	N	387	387
SM408	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	SALBU	ALBUTI	Concor	CHEST		180	MCG	PRN	INHALE	N	387	387
SM409	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	FLINTS	FLINTS	Concor	SUPPL		1	TAB	QD	ORAL			
SM409	SUB73	Allerger	Placebc	Homo	White	Female	Ragwee	NITRO	MACRO	Concor	UTI		100	MG	QD	ORAL	N	80	96

List of all the Clinical Substances available in ImmPort



4.2 Subject- Substances accessed from Advanced Search

Search / Research Advanced Search  Selected Projects Change Projects

Using Advanced Search:

- ▶ Choose the type of data you want to find (e.g. subjects, samples) from the drop down list.
- ▶ Choose a folder to refine your search. It can be the same or different data type from the data you want to find.
- ▶ Click on the data feature(s) you want to search.
- ▶ Enter search terms for one or more features.

Advanced Search - Selected Return Data Type : Subject

Please Choose Data Type to Find: **Subject** Results per page: 25 Submit Cancel

Advanced Search Attribute Tree

- Advanced Search Attribute Tree
 - Study
 - Study Accession Number
 - Study Title
 - Study Description
 - Study Objectives
 - Research Project
 - Study Type
 - Arm Or Cohort
 - Accession Number
 - Name
 - Description
 - Subject
 - Biological Sample
 - Experiment
 - Experiment Sample
 - Reagent
 - Protocol
 - Uploaded File
 - ELISPOT Results
 - ELISA or MBAA Results
 - FCM Analyzed Results

Drop-down list options:

- Study
- Subject
- Subject - Clinical Assessments
- Subject - Lab Tests
- Subject - Substances**
- Subject - Adverse Events
- Biological Sample
- Experiment
- Experiment Sample
- Reagent
- Protocol
- Uploaded File
- ELISPOT Results
- ELISA or MBAA Results
- FCM Analyzed Results

From the drop-down list you can select Subject-Substances and submit to view available substances in your project in ImmPort



5. Adverse Events

Adverse Events Summary

Page 1 of 1 | Export | Displaying 1 - 8 of 8

Totals By	ARM 1	ARM 2	ARM 3	ARM 4
Death Adverse Events	0	0	0	0
Life Threatening Adverse Events	0	1	1	0
Mild Adverse Events				268
Moderate Adverse Events				119
Severe Adverse Events				28
Subjects				40

ARM 1 - Immunotherapy with anti-IgE
ARM 2 - Placebo Immunotherapy with anti-IgE
ARM 3 - Immunotherapy with placebo anti-IgE
ARM 4 - Placebo Immunotherapy with placebo anti-IgE

The adverse events summary shows the counts of arms for adverse events. The adverse event detail shows the details of the adverse events reported. All the study adverse events can be viewed by clicking the arrow (see the next slide)

Adverse Event Detail

Export - exports the current table to Excel or PDF
All Study Adverse Events - opens a new window with all adverse event values for this study
Name Reported links - opens a new window with all adverse event values for that report

Page 1 of 48 | Export | All Study Adverse Events | Displaying 1 - 25 of 1193

Name Reported	Severity	Total Count	ARM 1	ARM 2	ARM 3	ARM 4
CARCINOMA OF LEFT BREAST	Life Threatening	1		1		
ANAPHYLAXIS	Life Threatening	1			1	
UTERINE FIBROIDS	Severe	1	1			
GASTROENTERITIS	Severe	1				1
URTICARIA	Severe	6	2		3	1
SOB	Severe	1				1

ARM 1 - Immunotherapy with anti-IgE
ARM 2 - Placebo Immunotherapy with anti-IgE
ARM 3 - Immunotherapy with placebo anti-IgE
ARM 4 - Placebo Immunotherapy with placebo anti-IgE



5.1 Subject - Adverse Events results in using Advanced Search

To modify your search, please expand the search box →

Advanced Search - Selected Return Data Type : **Subject - Adverse Events**

Tip: You can select a range of rows by holding down the 'Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Page 1 of 75 | Export | Displaying 1 - 25 of 1853

Adverse	AE Nam	Subject	Study T	Arm	Race	Gender	Subject	Event C	Organ o	Location	Severity	Outcom	Study T	Other A	Relatio	Start St	End Stu	Is Serio
AE1	HEADA	SUB730	Allergen	Immuno	Asian	Male	Ragwee				Mild	Resolve		None	Unlikely	67	67	N
AE10	DECRE	SUB730	Allergen	Placebo	White	Female	Ragwee				Moderat	Resolve		None	Definite	387	387	N
AE100	THRUS	SUB730	Allergen	Immuno	White	Female	Ragwee				Moderat	Resolve		None	Unrelate	155	158	N
AE1000	NASAL	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	82	86	N
AE1001	PRURI	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	111	126	N
AE1002	SWELL	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Definite	118	118	N
AE1003	LATE R	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Definite	124	124	N
AE1004	ERYTH	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Definite	132	133	N
AE1005	ERYTH	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Definite	146	146	N
AE1006	SULFA	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	261	261	N
AE1007	SINUSI	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	261	271	N
AE1008	BACKN	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	261	271	N
AE1009	DERMA	SUB734	Allergen	Immuno	White	Female	Ragwee				Mild	Resolve		None	Unrelate	273	273	N

List of all the Adverse Events available in ImmPort.



5.2 Subject - Adverse Events accessed from Advanced Search

Search / Research **Advanced Search**  Selected Projects Change Projects

Using Advanced Search:

- ▶ Choose the type of data you want to find (e.g. subjects, samples) from the drop down list.
- ▶ Choose a folder to refine your search. It can be the same or different data type from the data you want to find.
- ▶ Click on the data feature(s) you want to search.
- ▶ Enter search terms for one or more features.

Advanced Search - Selected Return Data Type : Subject

Please Choose Data Type to Find: **Subject** Results per page: 25 Submit Cancel

- Advanced Search Attribute Tree
 - Study
 - Study Accession Number
 - Study Title
 - Study Description
 - Study Objectives
 - Research Project
 - Study Type
 - Arm Or Cohort
 - Accession Number
 - Name
 - Description
 - Subject
 - Biological Sample
 - Experiment
 - Experiment Sample
 - Reagent
 - Protocol
 - Uploaded File
 - ELISPOT Results
 - ELISA or MBAA Results
 - FCM Analyzed Results

From the drop-down list you can select Subject-Adverse Events and submit to view available adverse events in your project in ImmPort.



6. Subject – Lab Tests

Clinical Lab Test Panels

Page 1 of 1 | Export | Displaying 1 - 3 of 3

Lab Test Panel Name	Totals By	ARM 1	ARM 2	ARM 3	ARM 4
Complete Blood Count (CBC)	Subjects	39	40	40	40
Complete Blood Count (CBC)	Biological Samples	328	339	341	344
Complete Blood Count (CBC)	Lab Tests	4,257	4,389	4,432	4,444

ARM 1 - Immunotherapy with anti-IgE
ARM 2 - Placebo Immunotherapy with anti-IgE
ARM 3 - Immunotherapy with placebo anti-IgE
ARM 4 - Placebo Immunotherapy with placebo anti-IgE

The Clinical Lab Test Panels shows the counts of arms for each test panel.
The clinical lab test shows the detail of each lab test. All the lab tests in the study can be viewed by clicking the arrow (see the next slide)

Clinical Lab Tests

Export - exports the current table to Excel or PDF
All Study Lab Tests - opens a new window with all lab test values for this study
Lab Test links - opens a new window with all lab test values for that lab test

Page 1 of 2 | Export | All Study Lab Tests | Displaying 1 - 25 of 26

Lab Test Panel	Lab Test
Complete Blood Count (CBC)	BANDS
Complete Blood Count (CBC)	BASOPHILS
Complete Blood Count (CBC)	EOSINOPHILS
Complete Blood Count (CBC)	HEMATOCRIT
Complete Blood Count (CBC)	HEMOGLOBIN
Complete Blood Count (CBC)	LARGE UNCLASSIFIED CELLS



6.1 Subject – Lab Tests results in using Advanced Search

To modify your search, please expand the search box →

Advanced Search - Selected Return Data Type : **Subject - Lab Tests**

Tip: You can select a range of rows by holding down the 'Shift' key and then clicking the first and last rows you wish to select. This works best if you do not click on the check boxes. [More tips.](#)

Page 1 of 701 | Export | Displaying 1 - 25 of 17522

Lab Test	Subject	Study T	Arm	Species	Study C	Race	Gender	Subject	Age Ra	Lab Test Pa	Test Name	Result Value	Is Clinically	Upper Limit	Lower Limit
LT1	SUB734	Allergen	Placebo	Homo s	121	White	Female	Ragwee	0_99	Complete BI	WBC	8.5 10*3 cell	U	10.5	0
LT10	SUB734	Allergen	Placebo	Homo s	121	White	Female	Ragwee	19_99	Complete BI	EOSINOPHI	1 %	U	390	19
LT100	SUB733	Allergen	Immunc	Homo s	103	White	Male	Ragwee	12_99	Complete BI	SEGMENTEI	53 %	U	6.2	12
LT1000	SUB734	Allergen	Placebo	Homo s	113	White	Female	Ragwee	18_99	Complete BI	BASOPHILS	0 %	U	200	18
LT1000	SUB734	Allergen	Immunc	Homo s	132	White	Female	Ragwee	11_99	Complete BI	LYMPHOCY	26 %	U	3500	11
LT1000	SUB734	Allergen	Immunc	Homo s	132	White	Female	Ragwee	0_99	Complete BI	PLATELET C	242 10*3 cel	U	370	0
LT1000	SUB734	Allergen	Immunc	Homo s	132	White	Female	Ragwee	18_99	Complete BI	HEMOGLOB	12.9 g/dL	U	15.6	18
LT1000	SUB734	Allergen	Immunc	Homo s	132	White	Female	Ragwee	18_99	Complete BI	MCV	85 um*3	U	97	18
LT1000	SUB734	Allergen	Immunc	Homo s	132	White	Female	Ragwee	18_99	Complete BI	MONOCYTE	6 %	U	900	18
LT1000	SUB734	Allergen	Immunc	Homo s	140	White	Male	Ragwee	0_99	Complete BI	WBC	5.9 10*3 cell	U	10.5	0
LT1000	SUB734	Allergen	Immunc	Homo s	140	White	Male	Ragwee	19_99	Complete BI	MCH	31 %	U	35	19
LT1000	SUB734	Allergen	Immunc	Homo s	140	White	Male	Ragwee	19_99	Complete BI	MCHC	35 %	U	36	19
LT1000	SUB734	Allergen	Immunc	Homo s	140	White	Male	Ragwee	19_99	Complete BI	BASOPHILS	1.1 %	U	136	19

List of all the Lab Tests available in ImmPort. The list can be exported as an .xls or .pdf file for further analysis

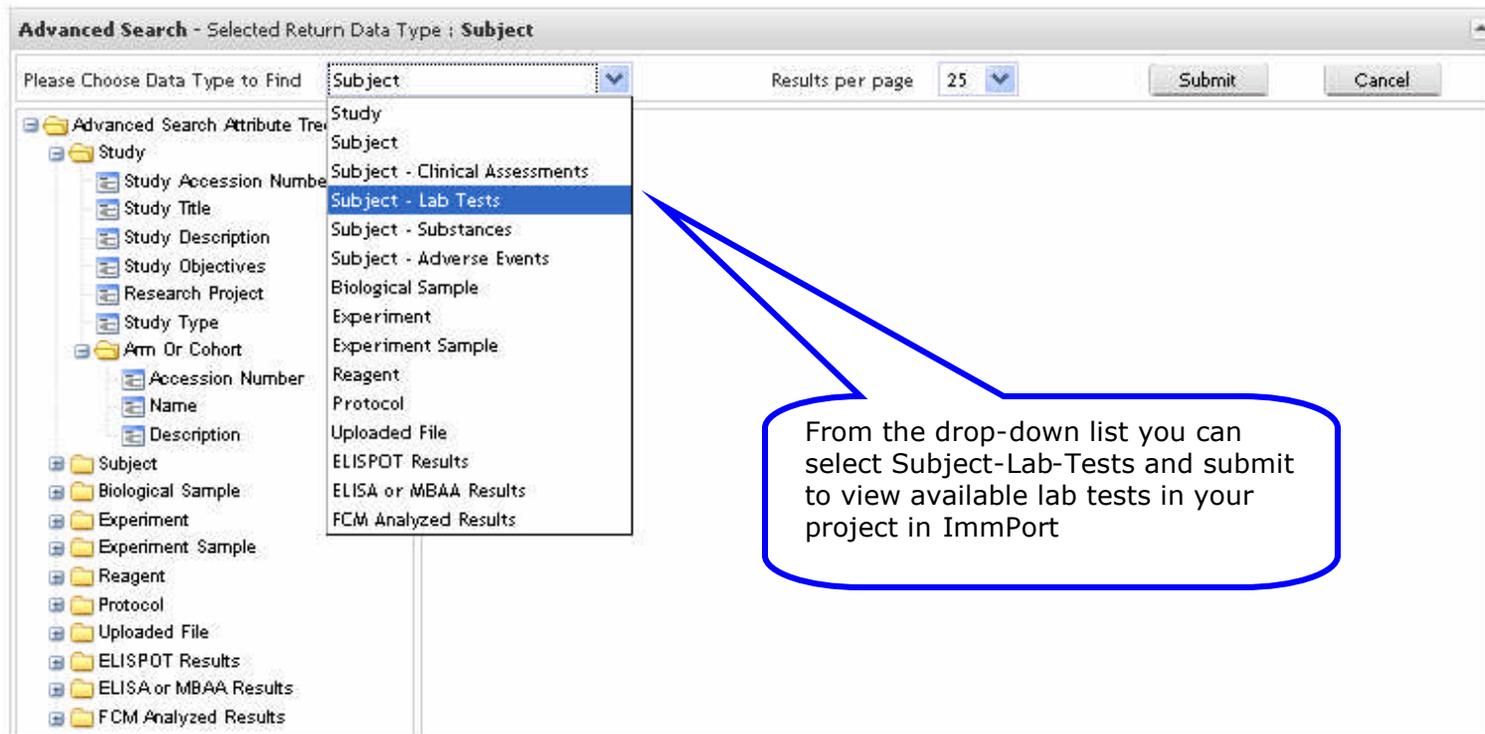


6.2 Subject – Lab Tests results accessed from Advanced Search

Search / Research **Advanced Search**  Selected Projects Change Projects

Using Advanced Search:

- ▶ Choose the type of data you want to find (e.g. subjects, samples) from the drop down list.
- ▶ Choose a folder to refine your search. It can be the same or different data type from the data you want to find.
- ▶ Click on the data feature(s) you want to search.
- ▶ Enter search terms for one or more features.



Advanced Search - Selected Return Data Type : Subject

Please Choose Data Type to Find: **Subject** Results per page: 25 Submit Cancel

Advanced Search Attribute Tree

- Advanced Search Attribute Tree
 - Study
 - Study Accession Number
 - Study Title
 - Study Description
 - Study Objectives
 - Research Project
 - Study Type
 - Arm Or Cohort
 - Accession Number
 - Name
 - Description
 - Subject
 - Biological Sample
 - Experiment
 - Experiment Sample
 - Reagent
 - Protocol
 - Uploaded File
 - ELISPOT Results
 - ELISA or MBAA Results
 - FCM Analyzed Results

From the drop-down list you can select Subject-Lab-Tests and submit to view available lab tests in your project in ImmPort

7. Mechanistic Assays

Mechanistic Assays

Selected items: EXP3727

Exp Accession	User Def Id	Exp Title	Exp Type	Exp Meas Tech	Num of Exp Samples
<input checked="" type="checkbox"/> EXP3727	RPCIFLOW_ITN019AD	RPCIFLOW_ITN019AD	Cellular_Quantification	FCM	11696
<input type="checkbox"/> EXP3903	ELISA/DACI_ITN019AD	Antigen Specific Antibodies	Cytokine_Quantification	ELISA	4376

EXP3727

Project Title: ITN019AD - Clinical Trial
 Principal Investigator: Dunn, Patrick
 Experiment Accession No: EXP3727
 User Defined Experiment ID: RPCIFLOW_ITN019AD
 Title: RPCIFLOW_ITN019AD
 Experiment Type: Cellular_Quantification
 Measurement Technique: FCM
 Description:
 Hypothesis:
 Rationale:
 Keywords:
 Quality Control Measures:
 Experimenters:
 Submission Date: 2009-06-11

Experiment Variables:

Experiment links

Experiment Samples associated with this Experiment

Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title
<input type="checkbox"/> ES103428	ITN019AD_001_001_	ITN019AD_001_001_1%	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input type="checkbox"/> ES103429	ITN019AD_001_001_	ITN019AD_001_001_1%	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input type="checkbox"/> ES103430	ITN019AD_001_001_	ITN019AD_001_001_1%	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input type="checkbox"/> ES103431	ITN019AD_001_001_	ITN019AD_001_001_1%	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial

Protocols used

Protocol Accession	User-Defined ID	Name	Type	Author	Project Title
<input type="checkbox"/> PTL2332	Flow Surface	Flow Surface	Assay		ITN019AD - Clinic

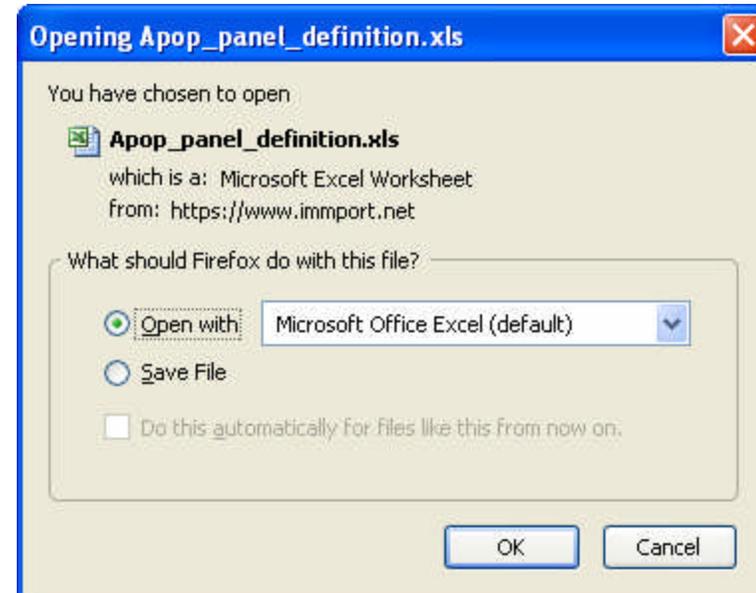
Click 'view details' or export for more information on the mechanistic assay as shown below.



7. Documentation

Documentation	
Protocol Name	Protocol File
Apoptosis	Apop_panel_definition.xls
Clinical	Casale ITN019AD Protocol v8.0.pdf
Flow Surface	Flow_panel_definition.xls

Click on any of the documents to open or save to local directory





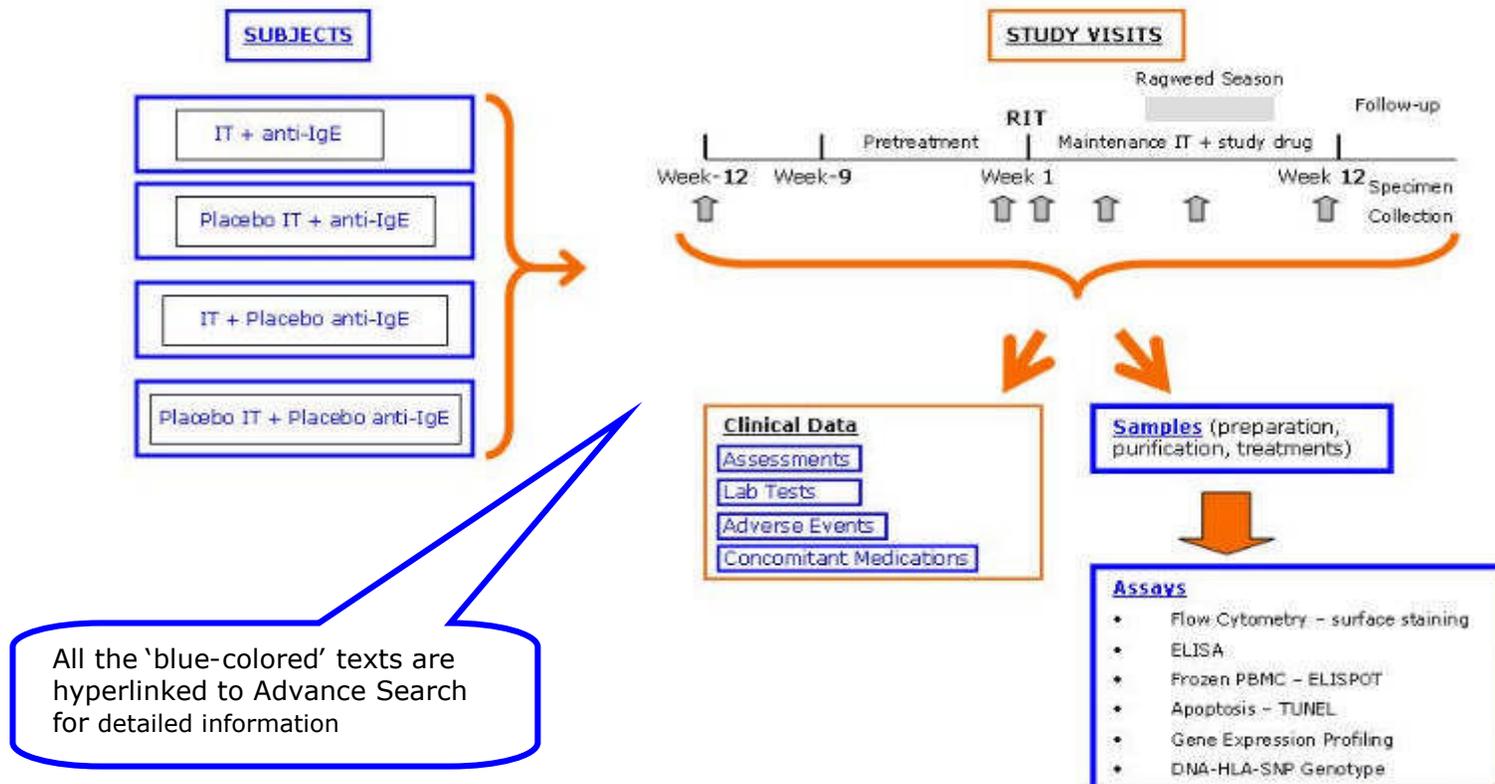
The schematic is an overview of the project indicating the subjects used, the different clinical data obtained, the samples used as well as the assays and results.

Title: Efficacy and Safety Evaluation of Allergen Immunotherapy Co-Administered with Omalizumab, an anti-IgE Monoclonal Antibody.

PI: Thomas B. Casale, Creighton University School of Medicine.

Primary Study Objective: To examine whether omalizumab given prior to rush immunotherapy (RIT) followed by 12 weeks of dual omalizumab and IT is more effective than RIT followed by IT alone in preventing the symptoms of ragweed-induced SAR.

Secondary Study Objective: To examine whether omalizumab given prior to RIT followed by 12 weeks of dual omalizumab and IT is safe and more effective than omalizumab alone or placebo in preventing the symptoms of ragweed-induced SAR; to assess the immunologic mechanisms associated with the therapies; and to assess whether clinical tolerance has been achieved after discontinuation of the therapies.





When the assay results columns is clicked, all the results available in the experiment will be displayed.

EXP3727

Project Title: ITN019AD - Clinical Trial
Principal Investigator: Dunn, Patrick
Experiment Accession No: EXP3727
User Defined Experiment ID: RPCIFLOW_ITN019AD
Title: RPCIFLOW_ITN019AD
Experiment Type: Cellular_Quantification
Measurement Technique: FCM
Description:
Hypothesis:
Rationale:
Keywords:
Quality Control Measures:
Experimenters:
Submission Date: 2009-06-11

Experiment Variables:
Experiment links

Experiment Samples associated with this Experiment
Selected items: ES103428, ES103429, ES103430, ES103431, ES103432, ES103433, ES103434, ES103435, ES103436, ES103437, ES103438, ES103439, ES103440, ES103441, ES103442, ES103443, ES103444, ES103445, ES103446, ES103447, ES103448, ES103449, ES103450, ES103451, ES103452

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<input checked="" type="checkbox"/>	Exp Sample Acc	Exp Sample ID	Exp Sample Name	Exp Acc	Exp User-Def ID	Data Format	Project Title
<input checked="" type="checkbox"/>	ES103428	ITN019AD_001_001	ITN019AD_001_001_1	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input checked="" type="checkbox"/>	ES103429	ITN019AD_001_001	ITN019AD_001_001_1	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input checked="" type="checkbox"/>	ES103430	ITN019AD_001_001	ITN019AD_001_001_1	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial
<input checked="" type="checkbox"/>	ES103431	ITN019AD_001_001	ITN019AD_001_001_1	EXP3727	RPCIFLOW_ITN0	FCM_report_file	ITN019AD - Clinical Trial

Protocols used

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<input type="checkbox"/>	Protocol Accession	User-Defined ID	Name	Type	Author	Project Title
<input type="checkbox"/>	PTL2332	Flow Surface	Flow Surface	Assay		ITN019AD - Clinic:

Click 'view details' for more information on the mechanistic assay as shown below. The user can 'view details', 'save items', 'save all' or 'export' the results for further analysis