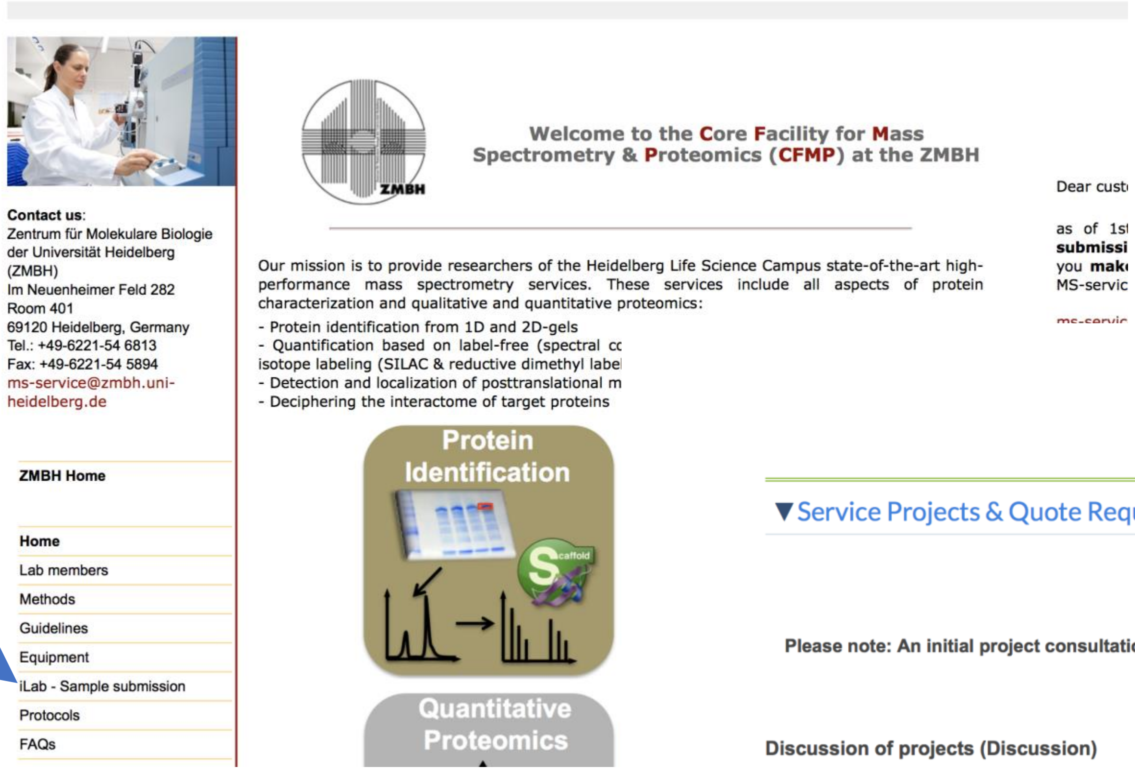
How to initiate a request at iLAB

https://www.zmbh.uni-heidelberg.de/Central_Services/Mass_Spectrometry/default.html



Welcome to the Core Facility for Mass Spectrometry & Proteomics (CFMP) at the ZMBH

Contact us:
Zentrum für Molekulare Biologie
der Universität Heidelberg
(ZMBH)
Im Neuenheimer Feld 282
Room 401
69120 Heidelberg, Germany
Tel.: +49-6221-54 6813
Fax: +49-6221-54 5894
ms-service@zmbh.uni-heidelberg.de

Our mission is to provide researchers of the Heidelberg Life Science Campus state-of-the-art high-performance mass spectrometry services. These services include all aspects of protein characterization and qualitative and quantitative proteomics:

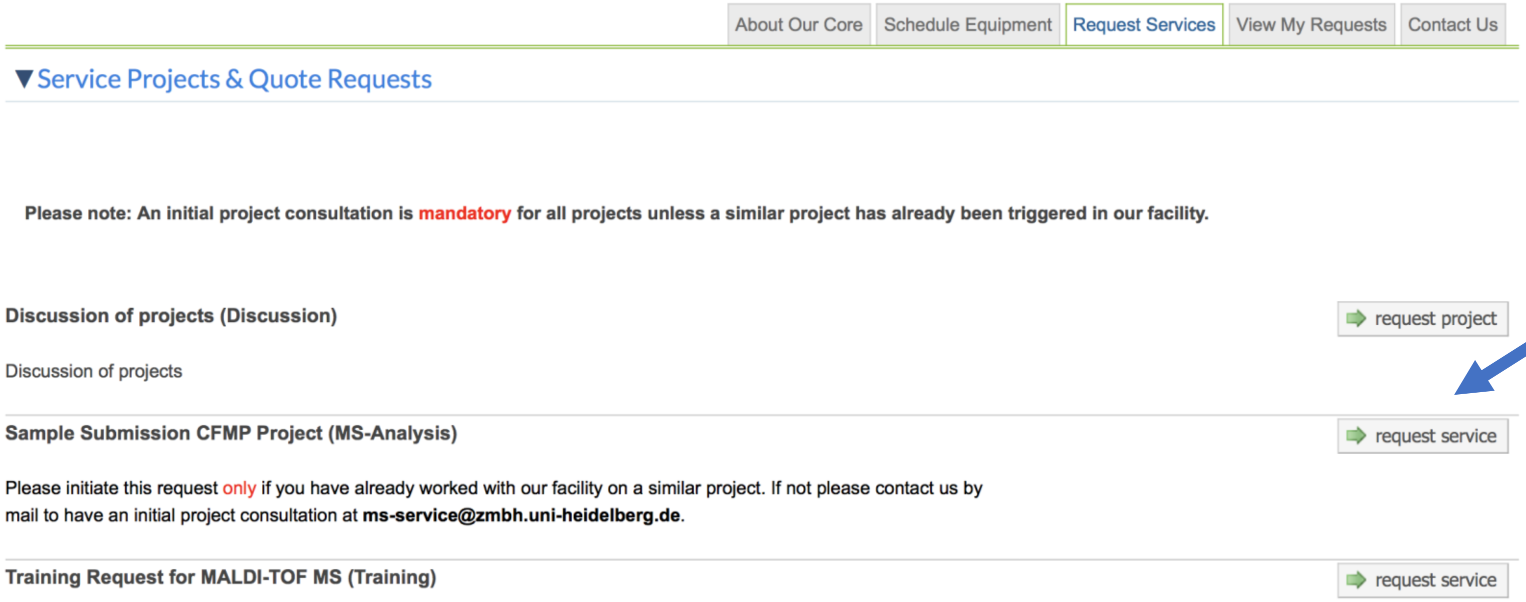
- Protein identification from 1D and 2D-gels
- Quantification based on label-free (spectral cc isotope labeling (SILAC & reductive dimethyl label
- Detection and localization of posttranslational m
- Deciphering the interactome of target proteins

Dear custo

as of 1st **submissi** you **mak** MS-servic

Please follow the registration procedure.
You will get your login details within 24 hours.

Once you have got your login details you can start a request.



▼Service Projects & Quote Requests

Please note: An initial project consultation is mandatory for all projects unless a similar project has already been triggered in our facility.

Discussion of projects (Discussion)

Discussion of projects

Sample Submission CFMP Project (MS-Analysis)

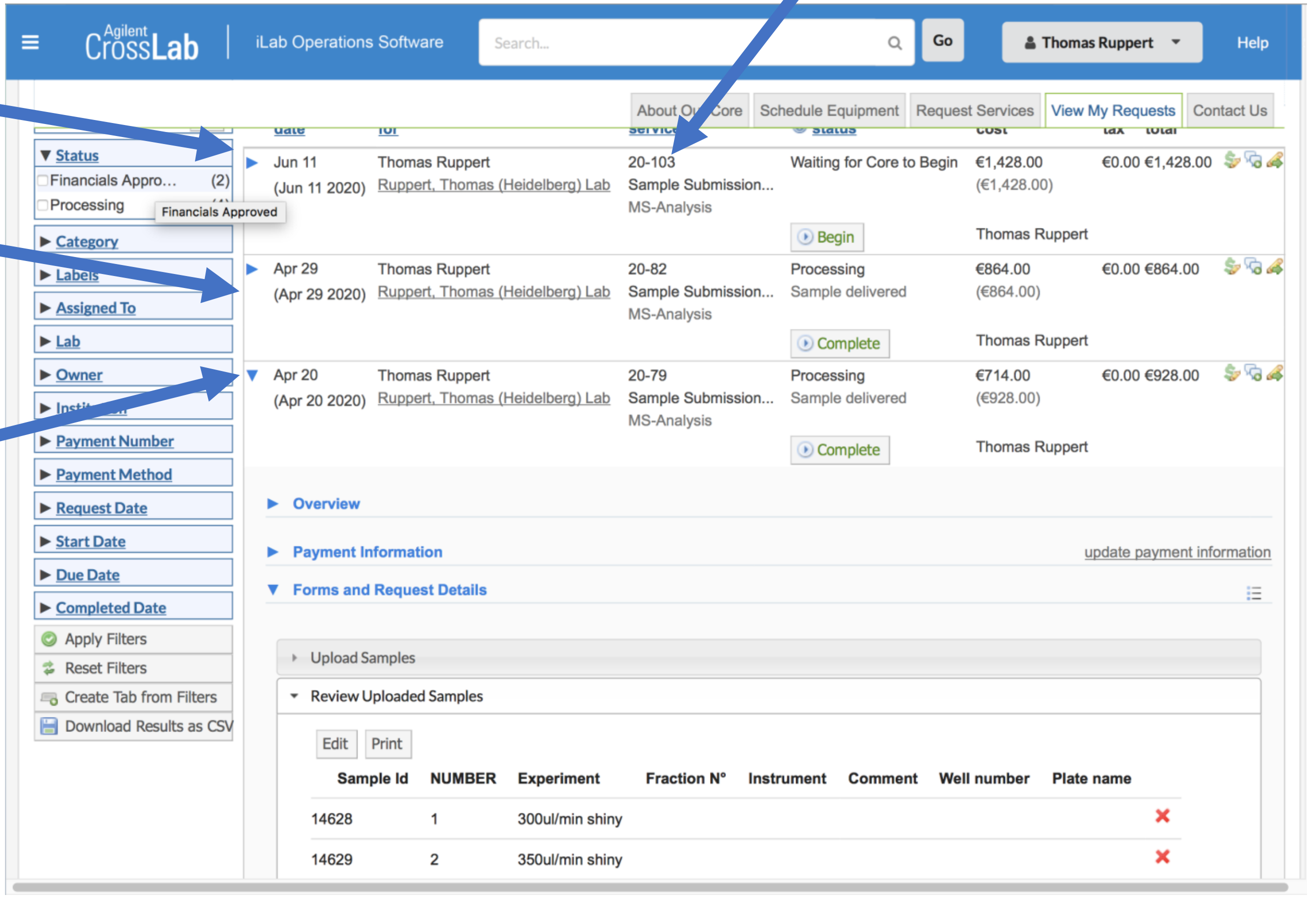
Please initiate this request only if you have already worked with our facility on a similar project. If not please contact us by mail to have an initial project consultation at **ms-service@zmbh.uni-heidelberg.de**.

Training Request for MALDI-TOF MS (Training)

Project number 20-103

In this example there are several projects with their project numbers

To see the detailed information of one project klick on the triangle



- ▼ Status
  - ☐ Financials Appro… (2)
  - ☐ Processing
  - Financials Approved
- ▶ Category
- ▶ Labels
- ▶ Assigned To
- ▶ Lab
- ▶ Owner
- ▶ Institution
- ▶ Payment Number
- ▶ Payment Method
- ▶ Request Date
- ▶ Start Date
- ▶ Due Date
- ▶ Completed Date
- Apply Filters
- Reset Filters
- Create Tab from Filters
- Download Results as CSV

	date	for	servic	status	cost	tax	total
▶	Jun 11 (Jun 11 2020)	Thomas Ruppert Ruppert, Thomas (Heidelberg) Lab	20-103 Sample Submission... MS-Analysis	Waiting for Core to Begin Begin	€1,428.00 (€1,428.00) Thomas Ruppert	€0.00	€1,428.00
▶	Apr 29 (Apr 29 2020)	Thomas Ruppert Ruppert, Thomas (Heidelberg) Lab	20-82 Sample Submission... MS-Analysis	Processing Sample delivered Complete	€864.00 (€864.00) Thomas Ruppert	€0.00	€864.00
▼	Apr 20 (Apr 20 2020)	Thomas Ruppert Ruppert, Thomas (Heidelberg) Lab	20-79 Sample Submission... MS-Analysis	Processing Sample delivered Complete	€714.00 (€928.00) Thomas Ruppert	€0.00	€928.00

▶ Overview

▶ Payment Information — update payment information

▼ Forms and Request Details

‣ Upload Samples

▾ Review Uploaded Samples

Edit Print

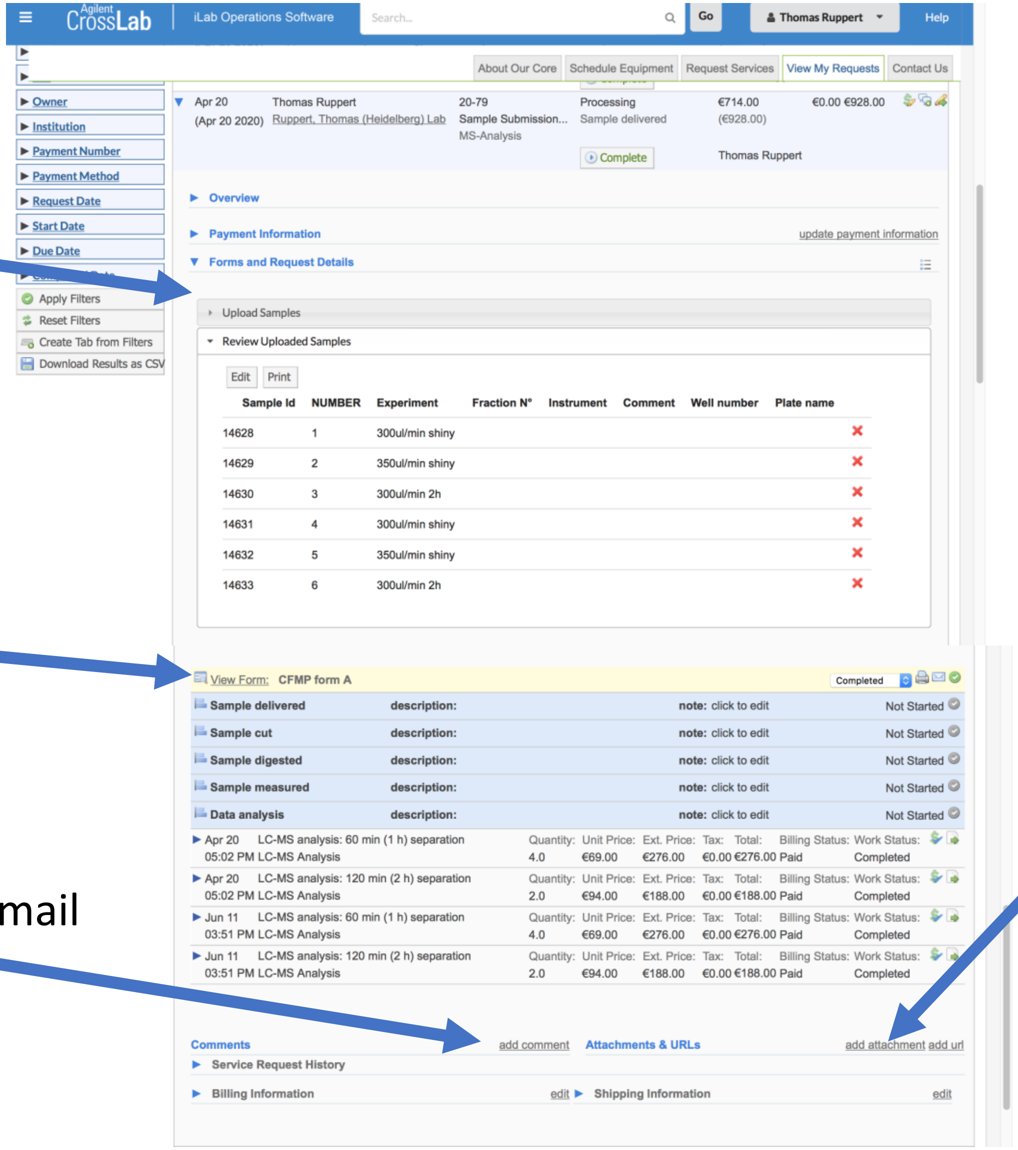
Sample Id	NUMBER	Experiment	Fraction N°	Instrument	Comment	Well number	Plate name	
14628	1	300ul/min shiny						✕
14629	2	350ul/min shiny						✕

An overview

samples

Organism, proteolytic enzymes, PTMs

Communication by email



Apr 20 (Apr 20 2020) | Thomas Ruppert | Ruppert, Thomas (Heidelberg) Lab | 20-79 Sample Submission... MS-Analysis | Processing | Sample delivered | €714.00 (€928.00) | €0.00 €928.00 | Thomas Ruppert

Sample Id	NUMBER	Experiment	Fraction N°	Instrument	Comment	Well number	Plate name
14628	1	300ul/min shiny					
14629	2	350ul/min shiny					
14630	3	300ul/min 2h					
14631	4	300ul/min shiny					
14632	5	350ul/min shiny					
14633	6	300ul/min 2h					

View Form: CFMP form A — Completed

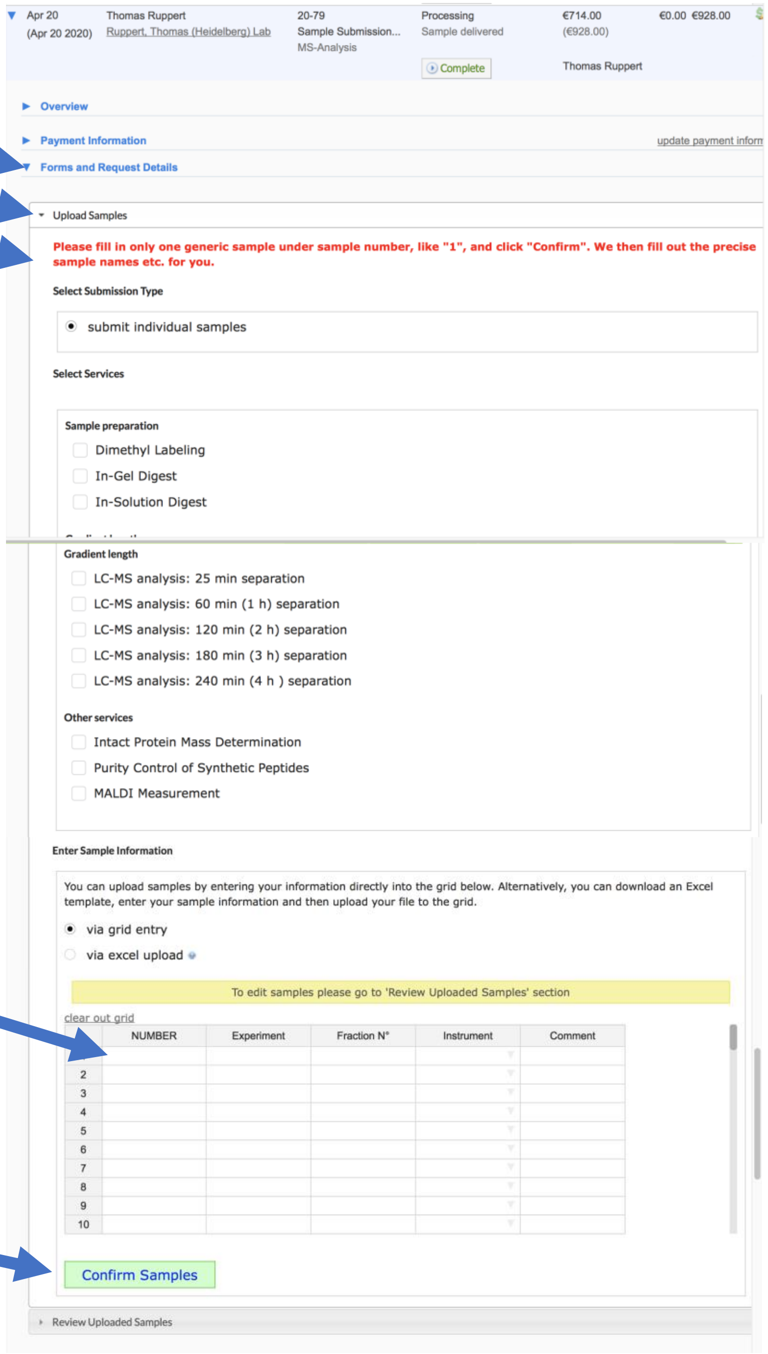
Sample delivered	description:	note: click to edit	Not Started
Sample cut	description:	note: click to edit	Not Started
Sample digested	description:	note: click to edit	Not Started
Sample measured	description:	note: click to edit	Not Started
Data analysis	description:	note: click to edit	Not Started

		Quantity:	Unit Price:	Ext. Price:	Tax:	Total:	Billing Status:	Work Status:
Apr 20 05:02 PM	LC-MS analysis: 60 min (1 h) separation LC-MS Analysis	4.0	€69.00	€276.00	€0.00	€276.00	Paid	Completed
Apr 20 05:02 PM	LC-MS analysis: 120 min (2 h) separation LC-MS Analysis	2.0	€94.00	€188.00	€0.00	€188.00	Paid	Completed
Jun 11 03:51 PM	LC-MS analysis: 60 min (1 h) separation LC-MS Analysis	4.0	€69.00	€276.00	€0.00	€276.00	Paid	Completed
Jun 11 03:51 PM	LC-MS analysis: 120 min (2 h) separation LC-MS Analysis	2.0	€94.00	€188.00	€0.00	€188.00	Paid	Completed

Uploading any type of file like gel images, excel files, pdf and so on.

If it is a gel based analysis, upload a gel image before bringing the samples

in more detail



Apr 20 (Apr 20 2020) | Thomas Ruppert | Ruppert, Thomas (Heidelberg) Lab | 20-79 | Sample Submission... | MS-Analysis | Processing | Sample delivered | Complete | €714.00 (€928.00) | Thomas Ruppert | €0.00 €928.00

Please fill in only one generic sample under sample number, like "1", and click "Confirm". We then fill out the precise sample names etc. for you.

Select Submission Type

● submit individual samples

Select Services

Sample preparation

☐ Dimethyl Labeling
☐ In-Gel Digest
☐ In-Solution Digest

Gradient length

☐ LC-MS analysis: 25 min separation
☐ LC-MS analysis: 60 min (1 h) separation
☐ LC-MS analysis: 120 min (2 h) separation
☐ LC-MS analysis: 180 min (3 h) separation
☐ LC-MS analysis: 240 min (4 h) separation

Other services

☐ Intact Protein Mass Determination
☐ Purity Control of Synthetic Peptides
☐ MALDI Measurement

Enter Sample Information

You can upload samples by entering your information directly into the grid below. Alternatively, you can download an Excel template, enter your sample information and then upload your file to the grid.

● via grid entry
○ via excel upload

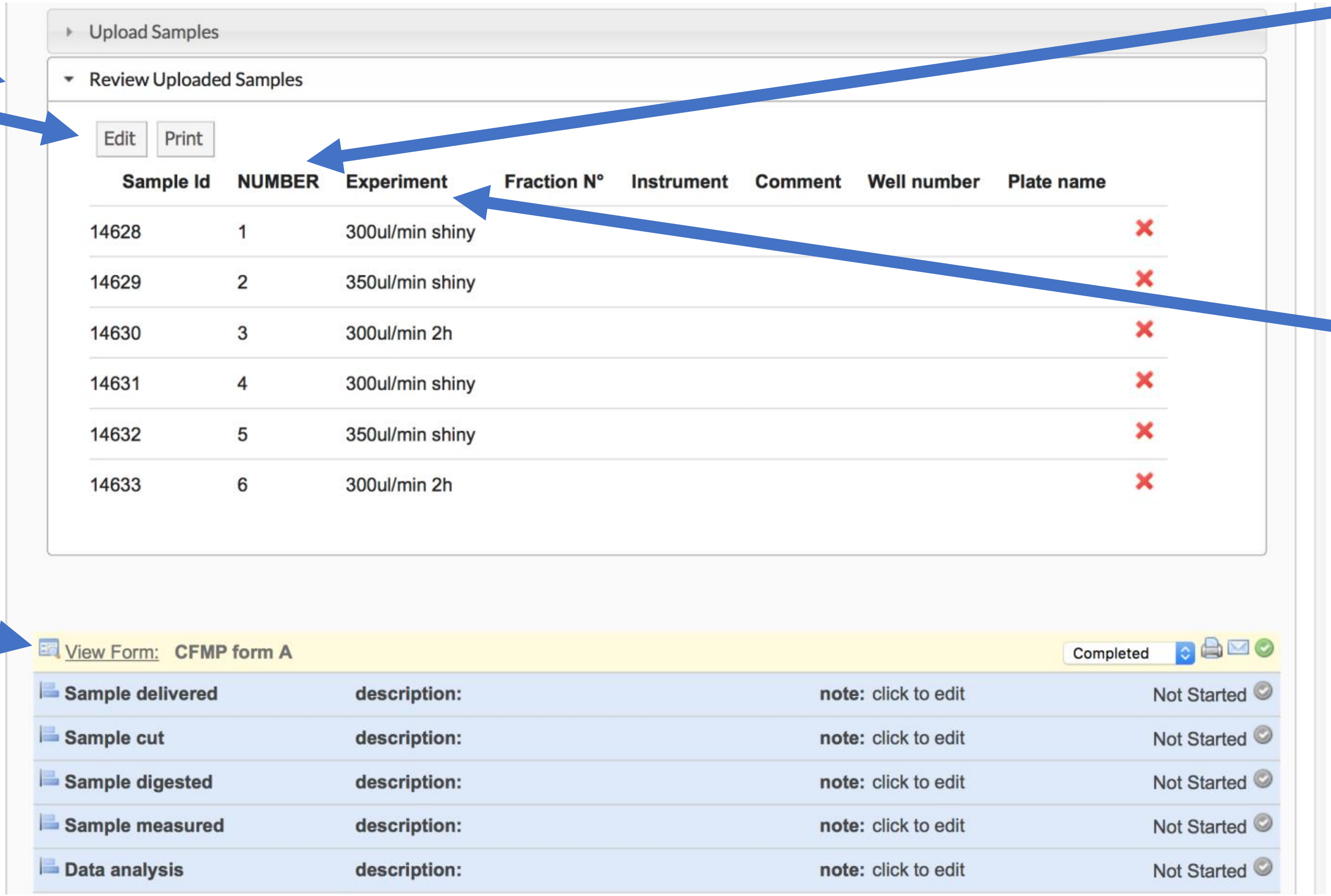
To edit samples please go to 'Review Uploaded Samples' section

clear out grid

	NUMBER	Experiment	Fraction N°	Instrument	Comment
2					
3					
4					
5					
6					
7					
8					
9					
10					

If you don´t know how the analysis should be done, simply fill in „1“

After uploading the samples you can review and edit the entries



Sample Id	NUMBER	Experiment	Fraction N°	Instrument	Comment	Well number	Plate name	
14628	1	300ul/min shiny						✗
14629	2	350ul/min shiny						✗
14630	3	300ul/min 2h						✗
14631	4	300ul/min shiny						✗
14632	5	350ul/min shiny						✗
14633	6	300ul/min 2h						✗

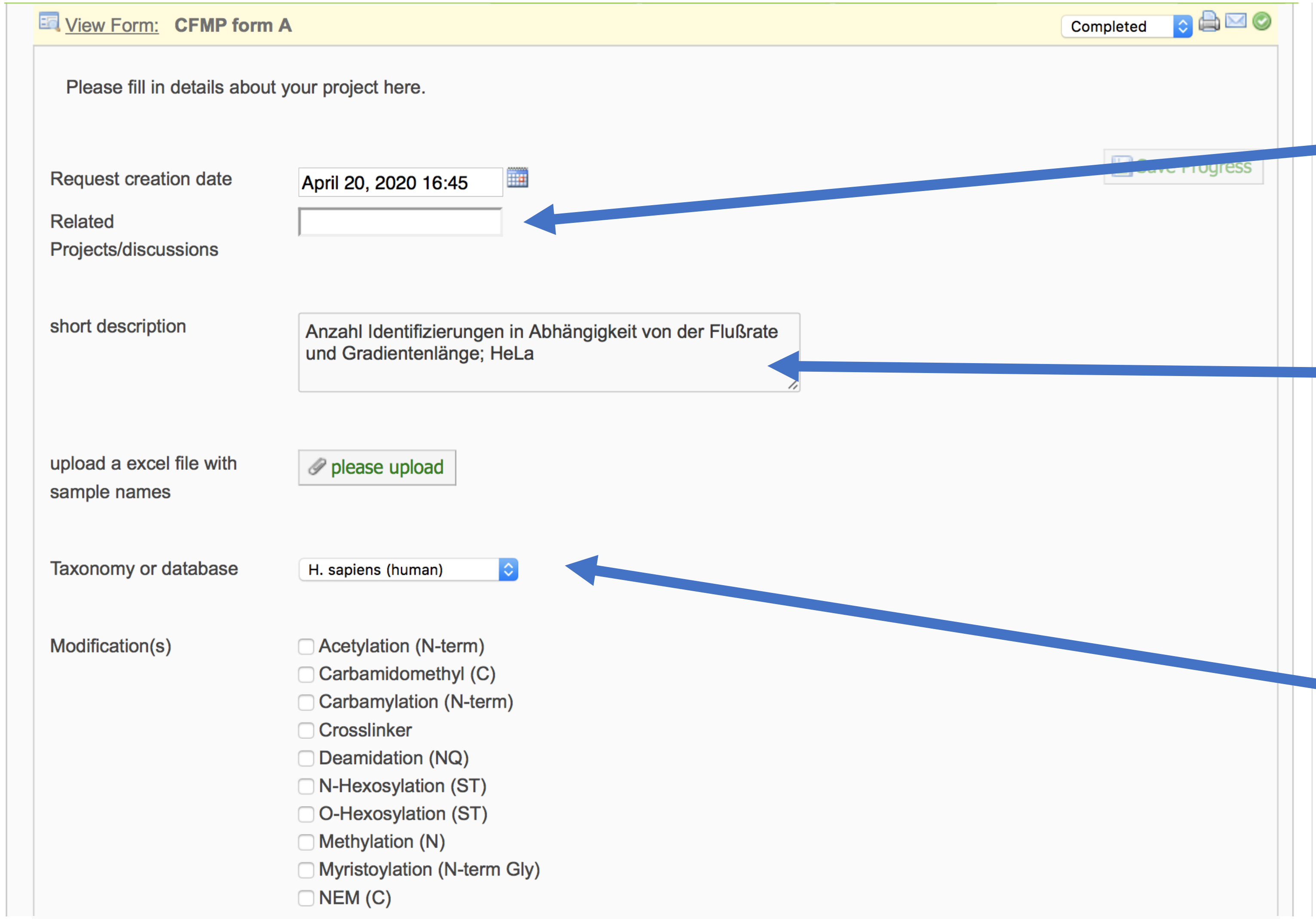
View Form: **CFMP form A** Completed

Sample delivered	**description:**	**note:** click to edit	Not Started
Sample cut	**description:**	**note:** click to edit	Not Started
Sample digested	**description:**	**note:** click to edit	Not Started
Sample measured	**description:**	**note:** click to edit	Not Started
Data analysis	**description:**	**note:** click to edit	Not Started

In the column „number“ only numbers are allowed

Use the column experiment for a more detailed description

Next step:
form A



CFMP form A

Please fill in details about your project here.

Request creation date	April 20, 2020 16:45
Related Projects/discussions	
short description	Anzahl Identifizierungen in Abhängigkeit von der Flußrate und Gradientenlänge; HeLa
upload a excel file with sample names	please upload
Taxonomy or database	H. sapiens (human)

Modification(s)

☐ Acetylation (N-term)
☐ Carbamidomethyl (C)
☐ Carbamylation (N-term)
☐ Crosslinker
☐ Deamidation (NQ)
☐ N-Hexosylation (ST)
☐ O-Hexosylation (ST)
☐ Methylation (N)
☐ Myristoylation (N-term Gly)
☐ NEM (C)

If it is a follow up experiment you can indicate the previous experiments

A short description is always helpful especially with complex experiments

which organism?

And all the rest is filled out when you bring the samples