

# **7**TECNIPLAST



DVC<sup>®</sup> Analytics Credits management



## DVC<sup>®</sup> Analytics Credits management

The DVC<sup>®</sup> Analytics platform can be either enabled for the entire Facility (full), by Rack Level (serial number) or credits (cage/day). But these functionalities cannot work in parallel at the same time. Moreover, switching from any mode to credits mode, the previous cages are not available anymore (unless credits are used to enable them).

## 1 HOME PAGE

After the login, the home page shows specific sections where the credits are managed.

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	Тес	niplastDemo Milan	
And the other designment of the local division of the local divisi			PROTOCOLS
CONTRACTOR OF THE OWNER.	9 9 8 8 9 8 8 8 8 8 8 8 8 8 8 8 8 8 8 8		2
Data Analysis Crunch your data to interpret results.	Manage Experiment Create your experiment reference settings.	Download Area Download your data to import into statistic	cal tool. User Settings Create and manage users and overall settings.
Digital Wallet Check your digital wallet status and perform credits transactions.	Use Credits Select cages and use credits to enable them.		

#### 1.1 DIGITAL WALLET

This section recaps the status of the credits at the Facility level (1.053 in this example). and how many credits are assigned to the different registered Researchers (o in this example).

				Wallet 1053 0	▲ <sup>●</sup> 秒 15 dd 208 9	giorgio.rosati@tecniplast.it 🚍				
Digital Wallet Check your digital wallet status and perform credits transactions.										
Facility Name	Credits	Last Update	Last Update Made By							
TPdemo1	1053 crd	11/04/2022 13:04:06	Tecniplast SuperUser							
Researcher User	Credits	Last Update	Last Update Made By							
GuidoR	0 crd	18/05/2021 16:35:40	Tecniplast SuperUser			Transfer Credits				
user1	0 crd					Transfer Credits				
XiaoQian.Ye3	0 crd					Transfer Credits				
Jelly	0 crd					Transfer Credits				
abbvie	0 crd					Transfer Credits				
TUSA	0 crd					Transfer Credits				
ChristophTietje	0 crd					Transfer Credits				

By clicking the button "Transfer Credits" it is possible to move credits from the Facility level to the specific selected Researcher by selecting the quantity and optionally leaving a comment.



Credits *			
100			crd
Notes			
Credits for the expe	riment 12345		
		Mart	Class
		Next	Close

Once confirmed, the amounts of credits are updated, and the last transaction is tracked (performed by who and when)

				Wallet 953 0	▲ <sup>0</sup> ∂ 15 dd 208 9	giorgio.rosati@tecniplast.it 🗮				
Digital Wallet Check your digital wallet status and perform credits transactions.										
Facility Name	Credits	Last Update	Last Update Made By							
TPdemo1	953 crd	02/05/2022 11:03:07	Giorgio78							
Researcher User	Credits	Last Update	Last Update Made By							
GuidoR	100 crd	02/05/2022 11:03:07	Giorglo78			Transfer Credits				
user1	0 crd					Transfer Credits				
XiaoQian. Ye3	0 crd					Transfer Credits				
Jelly	0 crd					Transfer Credits				
abbvie	0 crd					Transfer Credits				
TUSA	0 crd					Transfer Credits				
ChristophTietje	0 crd					Transfer Credits				

### 1.2 DIGITAL WALLET

This section has been designed to support the selection of the cages to be enabled and the use of the corresponding credits:

저 8 분 9 쇼	
Shopping cart Use your credits to select cages and their time interval.	riod for all Apply 63
Status Cage Id Registration Date Termination Date Periods (From/To) Credits	
Total: 0 crd Credits: 953 crd Residuat: 953 crd	Remove All Buy All



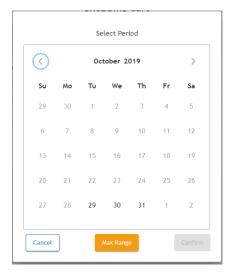
DVC Default Protocol 29/10/2019 2   B01-2F DVC Default Protocol 29/10/2019 2   B01-3F DVC Default Protocol 29/10/2019 3	All
B01-2F Protocol 29/10/2019 2   B01-2M DVC Default Protocol 29/10/2019 2   B01-3F DVC Default Protocol 29/10/2019 3	
B01-2M Protocol 29/10/2019 2   B01-3F DVC Default Protocol 29/10/2019 3	
BUI-3F Protocol 29/10/2019 3	
DVC Default	
B01-3M Protocol 29/10/2019 3	
B01-4F DVC Default Protocol 29/10/2019 4	
B01-4M DVC Default Protocol 29/10/2019 4	
B01-5F DVC Default Protocol 29/10/2019 5	
B01-5M DVC Default Protocol 29/10/2019 5	
ltems per page: 8 💌 1 - 8 of 2	08  < < >
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By clicking the button "+ Select Cages" it is possible to select from all the registered cages (terminated, out of rack, running).

By confirming the cages, it is then time to select the dates (days) to enable the data.

		₩₩₩₩ 933 2 0 15 667 (	giorgio.rosati@tecniplast.it 🚍
	저 희 초 위 쇼		
_	Shopping cart Use your credits to select cages and their time interval.		
+ Select Cages			Select period for all Apply
Status Cage Id	Registration Date Termination Date Periods (From/To)	Credits	
C01-3F	29/10/2019 01:00		0 crd 😟 💼 Buy
CO1-3M	29/10/2019 01:00		0 crd 😲 💼 Buy
		Total: Credits:	0 crd 953 crd
		Residual:	953 crd Remove All Buy All

This is possible by clicking the corresponding icon "Add period":



Please note that you can only select a valid period where corresponding data are available. Please note that you can also select multiple periods for the same cage.

			Wallet	♠ <sup>0</sup> 👸 🕻	208 9	giorgio.rosati@tecniplast.it 🚍
		Shopping cart Use your credits to select cages and their time interval.				
+ Select Cages					Select perio	od for all Apply
Status Cage Id	Registration Date Termination Date	Periods (From/To)		Credits		
(1) C01-3F	29/10/2019 01:00	29/10/2019 01:00:00 06/11/2019 23:59:19 🚍 🚳 21/11/2019 00:00:00 28/11/2019 23:59:19 🚍 🚳			17 crd	😰 💼 Buy
С01-3М	29/10/2019 01:00	29/10/2019 01:00:00 29/11/2019 23:59:19 🛅 🍘 19/12/2019 00:00:00 26/12/2019 23:59:19 🛅 🍘			40 crd	😰 💼 Buy
				Total: Credits:	57 crd 953 crd	
				Residual:	896 crd	Remove All Buy All

The total number of credits to be used for the specific selections is displayed as well as the residuals Clicking the button "Buy All", the order is recapped and it needs your final approval before proceeding:

Order Summary.							
Cageld: C01-3F	29/10/2019 01:00:00	06/11/2019 23:59:59					
Registration Date: 29/10/2019 01:00:00	21/11/2019 00:00:00	28/11/2019 23:59:59					
Cageld: C01-3M	29/10/2019 01:00:00	29/11/2019 23:59:59					
Registration Date: 29/10/2019 01:00:00	19/12/2019 00:00:00	26/12/2019					
Check all the above data in		confirm the p					
	Cancel Confirm						



Finally, to see the "purchased" cages, click on the small icon placed on the top right side of the interface:



The entire list is shown with its correspondent periods:

				Wallet 7	≜ <sup>0</sup> ≷ 🛱 ‡	giorgio.rosati@tecniplast.it ☰
		<u>6</u> Q				
		Purcha Purchased cages an	ased Cages d periods are listed here			G
Status Cage Id	Registration Date Termination Date Owner	Protocol Peri	lods (From/To)			
B01-4F	29/10/2019 01:00:00	DVC Default Protocol	3071072019 00:00:00 3171072019 23:59:59 🛅 24705/2021 00:00:00 31705/2021 23:59:59 🛅			
801-4M	29/10/2019 01:00:00	DVC Default Protocol	(30/10/2019 00:00:00 31 (10/2019 23:59:59 🗃 ) (24/05/2021 00:00:00 31 05/2021 23:59:59 🗃 ) (20/02/2020 00:00:00 37/02/2020 33:59:59 🗃 )			
801-5F	29/10/2019 01:00:00	DVC Default Protocol	00/10/2019 00:00:00 21/10/2019 23:59:59 🛅 ) 24/05/2021 00:00:00 31/05/2021 23:59:59 🛅 )			
B01-5M	29/10/2019 01:00:00 11/02/2020 07:02:19	DVC Default Protocol	30/10/2019 00:00:00 31/10/2019 23:59:59 📷			
C01-3F	29/10/2019 01:00:00	DVC Default Protocol	29/10/2019 01/00:00 06/11/2019 23:59:59 🛅 ) 21/11/2019 00:00:00:28/11/2019 23:59:59 🛗 )			
сот-зм	29/10/2019 01:00:00	DVC Default Protocol	(29) 10/2019 01:00:00 29/11/2019 23:59:59 👼 ) 19/12/2019 00:00:00 26/12/2019 23:59:59 🚍 )			

#### 1.3 DATA ANALYSIS

In the "Data Analysis" section, all cages are always visible as potential selection, but the availability of the correspondent data depends upon your purchases.

More specifically, if you select a wider temporal range compared to the one enabled by the usage of the credits, only the corresponding purchased days are displayed (and downloadable) while the other period is not visible.

Invalid range detected. Show it		×
Animal Locomotion Index (Percentage 1)	_	ŧ
Line and the second		
4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4		

A specific "Invalid range detection" message appears. By clicking "Show it", you can quickly discover the missing days:



And only the purchased days ( $1^{st}$  April in this example) are downloaded:

1	Α	В	C	D	E	F	G	н	1	J
1	day	hour	r minute	relativeTime	Group_1_TIMESTAMP	Group_1_AVG	Group_1_SEM	Group_1_QRT	Group_1_SAMPLES	Group_1_C9_10
2	1	0	0	86400	2022-04-01T00:00:00.171+0200	0	NaN	[0.0,0.0,0.0,0.0,0.0]	225	0
3	1	0	1	86460	2022-04-01T00:01:00.104+0200	0,110619469	NaN	[0.11061946902654868, 0.11061946902654868, 0.11061946902654868, 0.11061946902654868, 0.11061946902654868]	226	0,110619469
4	1	0	2	86520	2022-04-01T00:02:00.196+0200	0,073746313	NaN	[0.07374631268436578,0.07374631268436578,0.07374631268436578,0.07374631268436578,0.07374631268436578]	226	0,073746313
5	1	0	3	86580	2022-04-01T00:03:00.209+0200	0,037037037	NaN	[0.037037037037037037035, 0.037037037037037037035, 0.0370370370370370370370370370370370370370	225	0,037037037
6	1	0	4	86640	2022-04-01T00:04:00.036+0200	0	NaN	[0.0,0.0,0.0,0.0,0.0]	226	0
7	1	0	5	86700	2022-04-01T00:05:00.132+0200	0	NaN	[0.0,0.0,0.0,0.0,0.0]	226	0

