



**Easily collect and capitalize on your scientific data  
Share and collaborate across your organization.**

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**Inquiro version 4.0 – Jan 2021**

**Toulouse – Jan2021:** DEXSTR, today announced the availability of Inquiro Version 4.0. This is a new version of our software. It comes with the following major enhancements that make Inquiro the Insight Engines for Life science.

### Inquiro V4.0 New features & enhancements :

## Advanced dashboards usages

### New dashlets

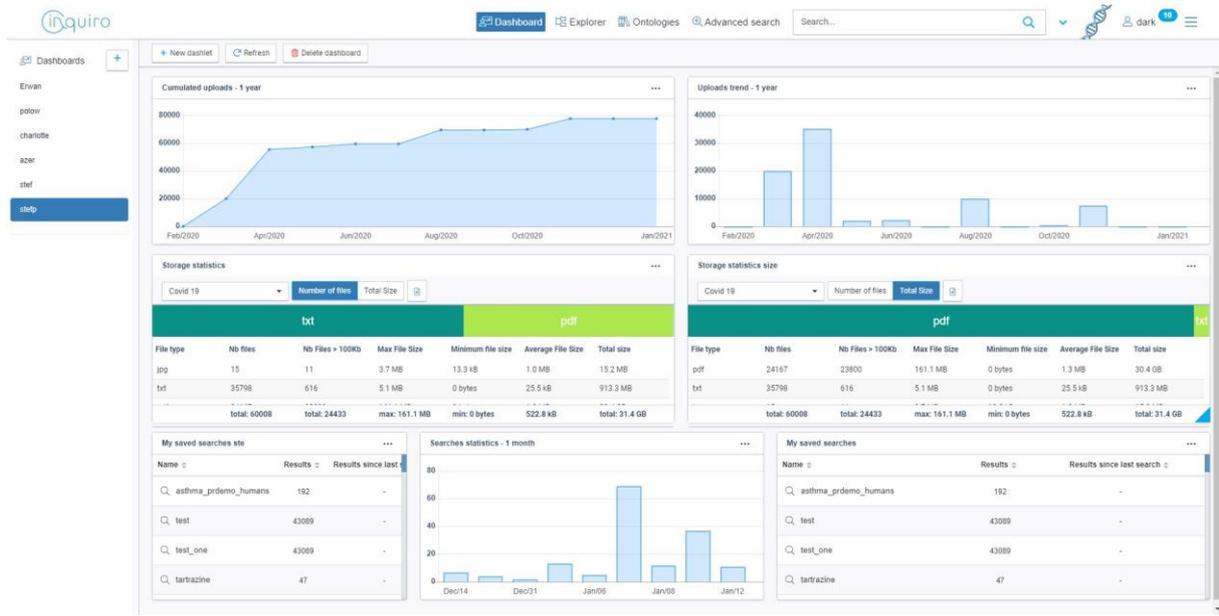
Within the dashboard module, Inquiro offers new representations. Depending on your roles & rights, the following dashlets are available:

#### New dashlet ✕

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 Uploads trend	 Cumulated uploads	 Saved search	<b>My last updated documents</b> A list of the last documents you updated.
 Last uploaded files	 Indexation errors admin	 Quick Access	
 My saved searches	 My last uploaded files	 My last updated documents	
 Storage statistics	 Searches statistics	 Downloads statistics	
 Connections statistics			

As a result, you can build a complete dashboard that gives you an overview of your relevant data in glance!



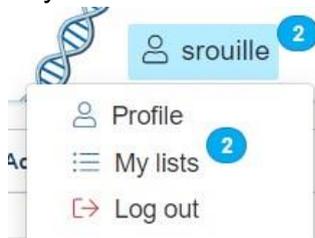
## Statistics

For a better administration of the system, a restricted users list (e.g. admins) can display interesting statistics:

- Storage statistics: a state of the files stored in the application
- Search statistics: a graph showing search trends over time
- Downloads statistics: a graph showing download trends over time
- Connections statistics: a graph showing connection trends over time

## Sharing center as a dedicated module

Files & folders, lists, saved searches and dynamical views can be shared with others in the "My Lists" menu.



Each tab displays what you have shared or what has been shared with you. The activity feed on the right, shows the last elements that have been shared with you.

Shared files & folders, lists, searches and dynamical views

Activity feed with new shared items

Name	Creation date	Profile Details	Shared By	Shared with	Actions
contry-symptome	11/18/2020 18:13:42	Instance Covid 19 Metadata list: country symptom_ontology Filter:- Network share X			👁️ 🔗 🗑️
sympt_dis_moi	08/27/2020 17:28:38	Instance Project Demo Metadata list: symptoms disease_molecule_name Filter:- Network share X			👁️ 🔗 🗑️
sympt_disease_molecule	08/27/2020 14:20:44	Instance Experiment Demo Metadata list: symptom_ontology human_disease_ontology molecule_name Filter:- Network share X			👁️ 🔗 🗑️
symptom-molecule	08/27/2020 14:19:49	Instance Experiment Demo Metadata list: molecule_name symptom_ontology molecule_name Filter:- Network share X			👁️ 🔗 🗑️
molecule-symptome	08/27/2020 14:18:52	Instance Experiment Demo Metadata list: molecule_name symptom_ontology Filter:- Network share X			👁️ 🔗 🗑️
age_country_symptoms	07/03/2020 18:02:29	Instance Covid 19 Metadata list: age_groups country symptom_ontology Filter:- Network share X			👁️ 🔗 🗑️
age_CTO	07/03/2020 17:59:32	Instance Covid 19 Metadata list: age_groups clinical_trial_id			👁️ 🔗 🗑️

Direct access to the shared dynamical view

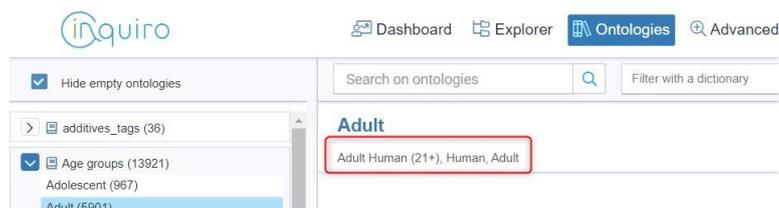
## Ontology module improvements

The Inquiro 4.0 version offers an enhanced ontologies search module for a better user experience and delivers these new features:

- The URL of a term of an ontology is now meaningful. That means that the ontology URL can be saved and will automatically point out on the ontology page of the term. This will help the user to go straight forward to the relevant ontology page and share if needed this page with his peers.
- By default, only ontologies with terms annotated on documents are displayed. The user can uncheck the dedicated checkbox to see all the available ontologies in the system



- A term's synonyms are now mentioned under its name in order to provide a maximum of information.



- If the file has a restricted access, the system informs the user that the term is annotated on this file, but that the file is not accessible due to the restrictions. In that case the file name appears in grey and is not clickable. A tooltip explains the behaviour.

## 6 Documents and folders annotated with this term

You don't have permissions to access this item.

Name	Instance	Path	
101016b9780080466170000178.txt	Covid 19	Root / COVID-19 Open Research Datas...	➔
Chapter 5 Network Pharmacology	Covid 19	Root / COVID-19 Open Research Datas...	➔
New technologies in computer-aided dr...	Covid 19	Root / COVID-19 Open Research Datas...	➔
B9780128015056000107.pdf	Covid 19	Root / Publications - NAS / sub3 / B978...	➔

- in case of multiple instances, the instance name is displayed in the table for an easier identification of the document.

## 6 Documents et dossiers annotés avec ce terme

Nom	Instance	Chemin	
CA.3091558.A1	Covid 19	Root / EPO / 1-500 / CA.3091558.A1	➔
PMC7170785.pdf	Covid 19	Root / PubMed - COVID-19 / PMC7170785.pdf	➔
S0929693X01006960.pdf	Covid 19	Root / Publications - NAS / sub15 / S0929693X0100696...	➔
S0929693X03006390.pdf	Covid 19	Root / Publications - NAS / sub15 / S0929693X0300639...	➔
pone.0062758.PMC3639984.pdf	Project Demo	PROJECT REPOSITORY / Cardiology / GSE48060 Dys...	➔
pone.0070387.PMC3741290.pdf	Project Demo	PROJECT REPOSITORY / Asthma / GSE20020 IgE rea...	➔

- Results given on the ontology page are displayed per relevance, e.g. documents having the most occurrence of the search term are displayed first.
- Overall ontology page has been reviewed for a better user experience.

The screenshot shows the Inquiro ontology interface. On the left is an ontology tree for 'serum albumin'. The main area displays search results for 'serum albumin' with 1346 documents and folders annotated with this term. A table lists document names, instances (e.g., Covid 19, Project Demo), and paths. Callouts highlight 'Identified documents annotated by ontology value' (pointing to the first row), 'Identified documents annotated with subclasses of the term' (pointing to the second row), and 'Link to the source ontology' (pointing to a URL). Below the table, 'Associated terms' are listed in a grid, including Medical Subject Headings (3129), Clinical Trial Ontology (2949), Ontology for Biomedical Investigations (2669), and Model Organisms (9333). Other callouts point to 'Ontology tree' and 'Associated terms from other ontologies'.

## User Interface harmonization

The whole application has been redesigned and harmonized for improved useability with better responsiveness. The navigation buttons “dashboards”, “explorer”, “Ontology” and advanced search” are now positioned on every screen near to the search bar. As a consequence, switching from one menu of Inquiro is much easier, faster & relevant.

**inquirio** Dashboard Explorer Ontologies Advanced search bolland srouille

Filter  Expand all

**Search results** Relation Graph Heat map Distribution graph

42 results (0.17 seconds) Relevance 10 25 50 100

- > Age groups (8/6)
- > Authors (23/23)
- > Cell lines (3/3)
- > Chemical Entities of Biological Interest (110/...
- > Countries (20/20)
- > Drugs (17/17)
- > Full text (1/1)
- > Gene Ontology (109/109)
- > Human Disease Ontology (98/98)
- > Journal (37/37)
- > MeSH terms (206/206)
- > Molecule name (300/300)
- > Pathway Ontology (4/4)

**Xylem provides 100 000 face shields to Covid-19 front-line** Publication date: 08/3...

Source: Elsevier - Pump Industry Analyst

MeSH terms: COVID-19, Coronavirus, Database, Editorial, Industry, ...

Abstract: Xylem Inc has manufactured and delivered, through partners, mor...

Countries: United Kingdom

Cities: Danvers, Kidlington, Langford, London, Lucas, Oxford

1 / 5

Root \ Elsevier - Science Direct Covid-19 \ 46001-47000 \ S135961282030241X.pdf

**Correction to Lancet Diabetes Endocrinol 2020; 8: 782–92** Publication date: 10/3...

Source: Elsevier - The Lancet Diabetes & Endocrinology

MeSH terms: COVID-19, Coronavirus, Database, Publications

**inquirio** Dashboard Explorer Ontologies Advanced search Search...

ClinicalTrials files Save Share

**Search results** Relation Graph Heat m...

1 2 3 4 5 > >>

**Safety in Convalescent Plasma Transfus**

No fragments

W  
A  
C  
D  
M  
H  
V

Root \ ClinicalTrials - COVID-19 \ 1-1000 \ NCT04333355.txt

**Rules:**

- container\_type CONTAINS file
- AND
- container\_path CONTAINS ClinicalTrials - Covid-19

Reset Search...