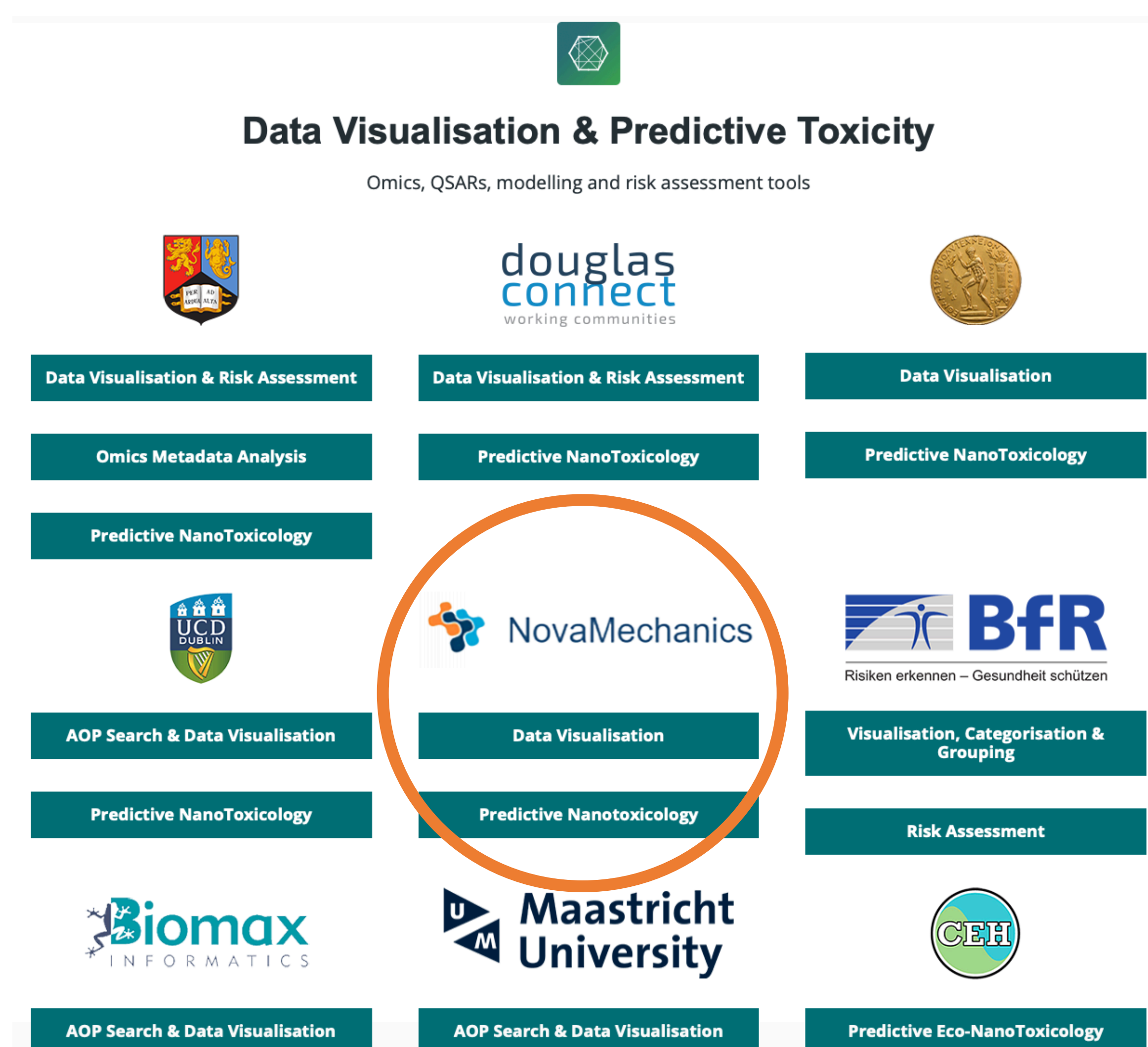
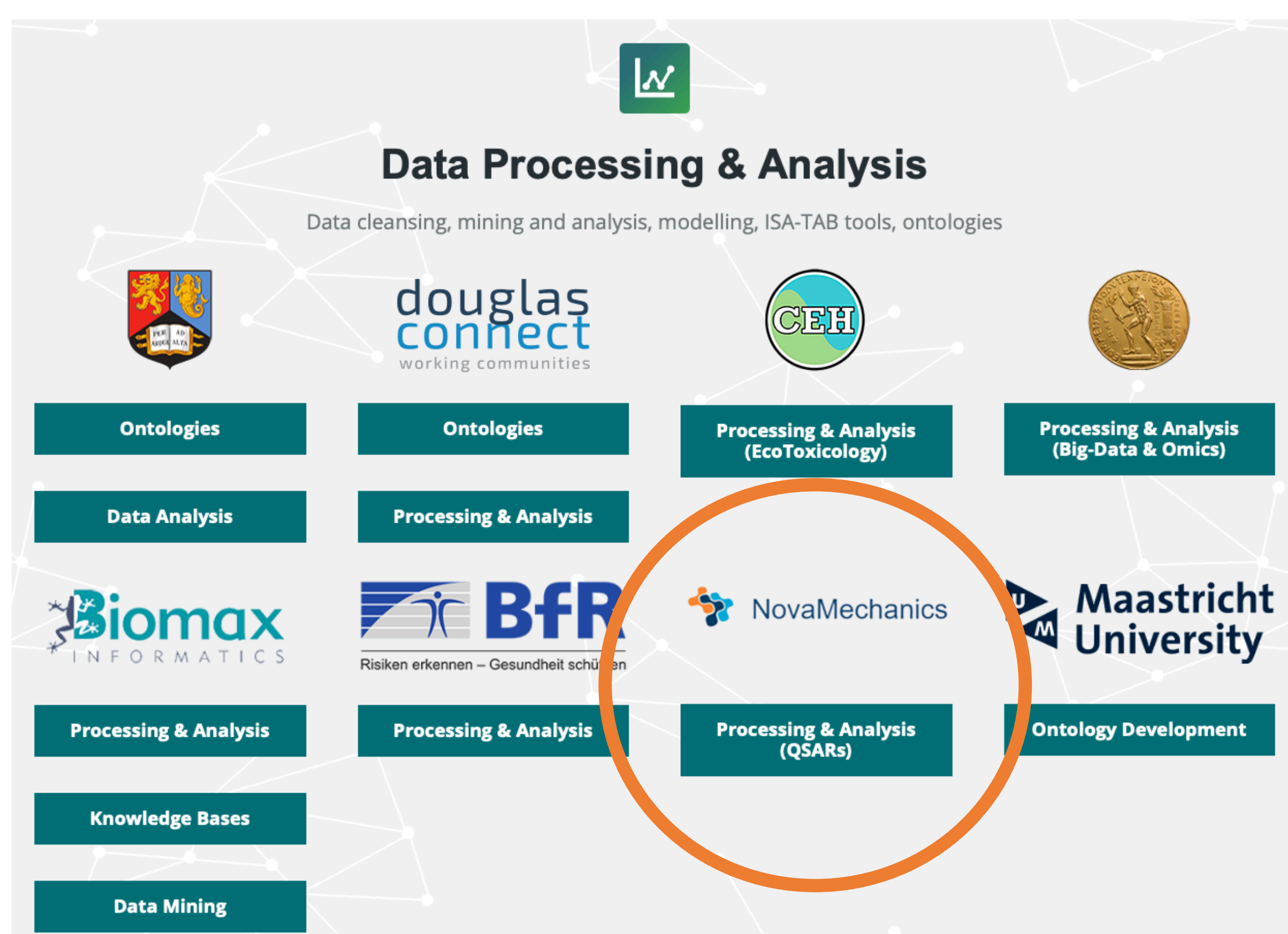


# NanoCommons

## Nano-Knowledge Community



## Enalos Cloud Platform Transnational Access Services Through NanoCommons H2020 Infrastructure Project

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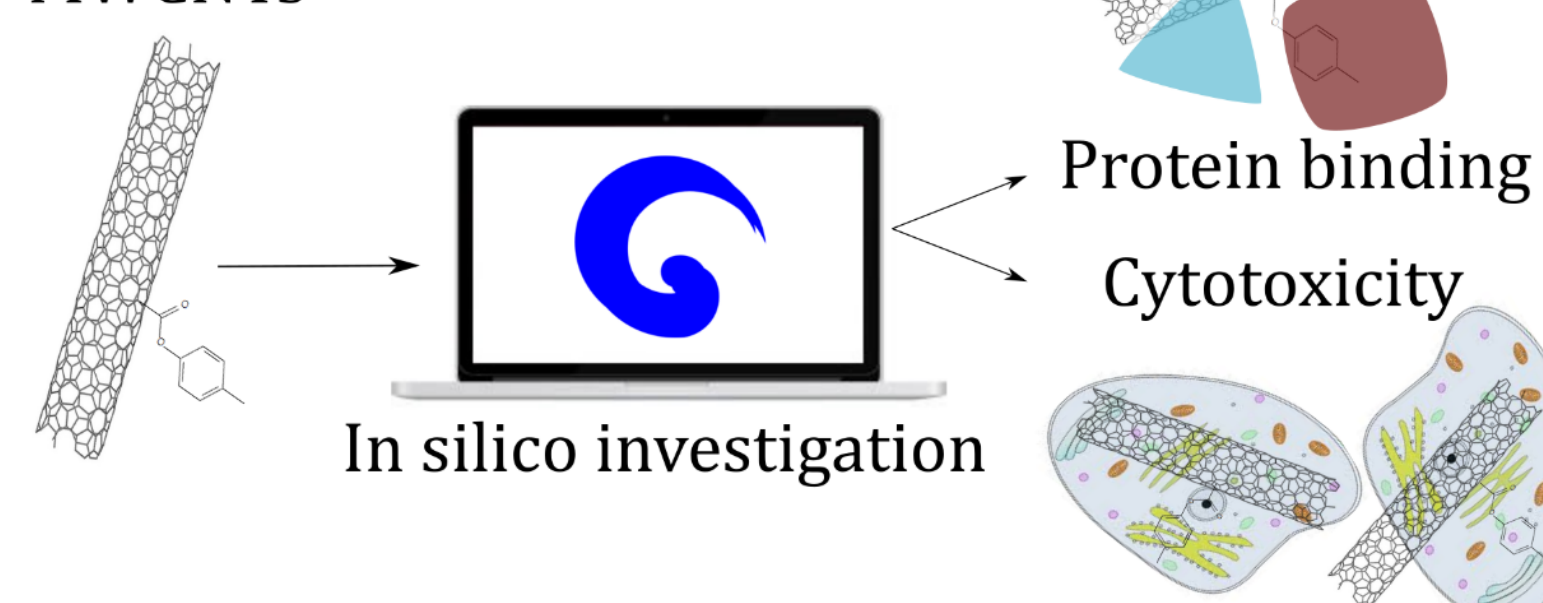
### NanoCommons TA Services currently offered by



NovaMechanics  
Cheminformatics & Nanoinformatics Excellence

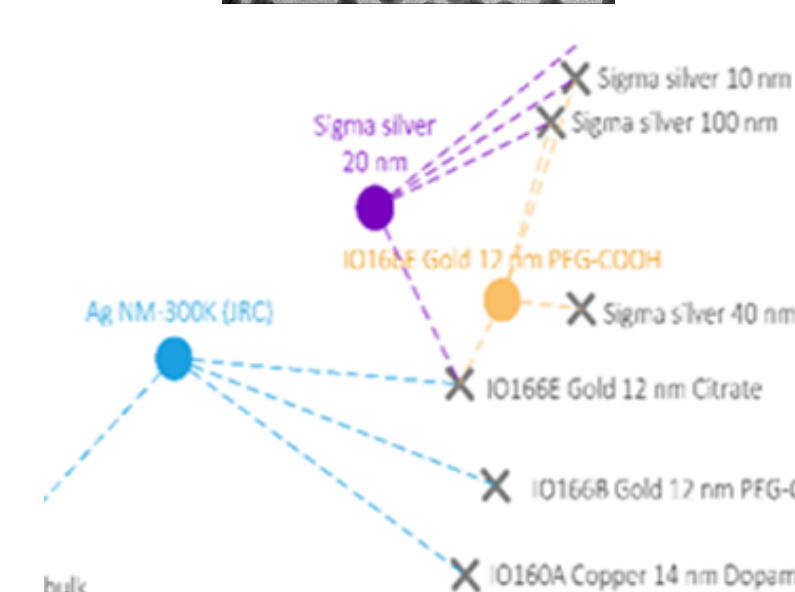
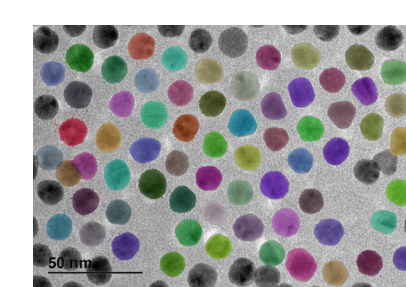
- Enalos Cloud Nanoinformatics Platform: A Safe-by-Design Tool for Functionalised Nanomaterials
- Enalos Cloud Platform: A friendly user interface for Chem / Nano Informatics Applications
- Enalos Read Across Platform: Zeta Potential Predictive Model Based on Image Nanodescriptors
- NanoXtract: Nanoparticles Image Analysis Tool Powered by Enalos Cloud Platform

Functionalized MWCNTs



#### Enalos QNAR Iron Oxide Toxicity Platform

Size (nm)	ZP (mV)	R1 (nm4.5-15-1)	R2 (nm4.5-15-1)	Coating
1	5.8	21	54	cross-linked dextran
2	5.72	21	153	cross-linked dextran
3	7.15	0.5	0.5	PVA
4	12	15	39	PVA
5	2.24	19	39	cross-linked dextran
6	10.8	0.5	0.5	Other
7	13.6	29	62	Other
8	0.25	15	39	PVA
9				Other
10				Other
11				Other
12				Other
13				Other
14				Other
15				Other
16				Other
17				Other
18				Other
19				Other
20				Other



#### Prediction of MNPs Uptake in PaCa2 Cancer Cells

Design a molecule

Enter SMILES separated by newlines:

Select a workflow: QNAR\_PaCa2

Import an SDF file (sdf)

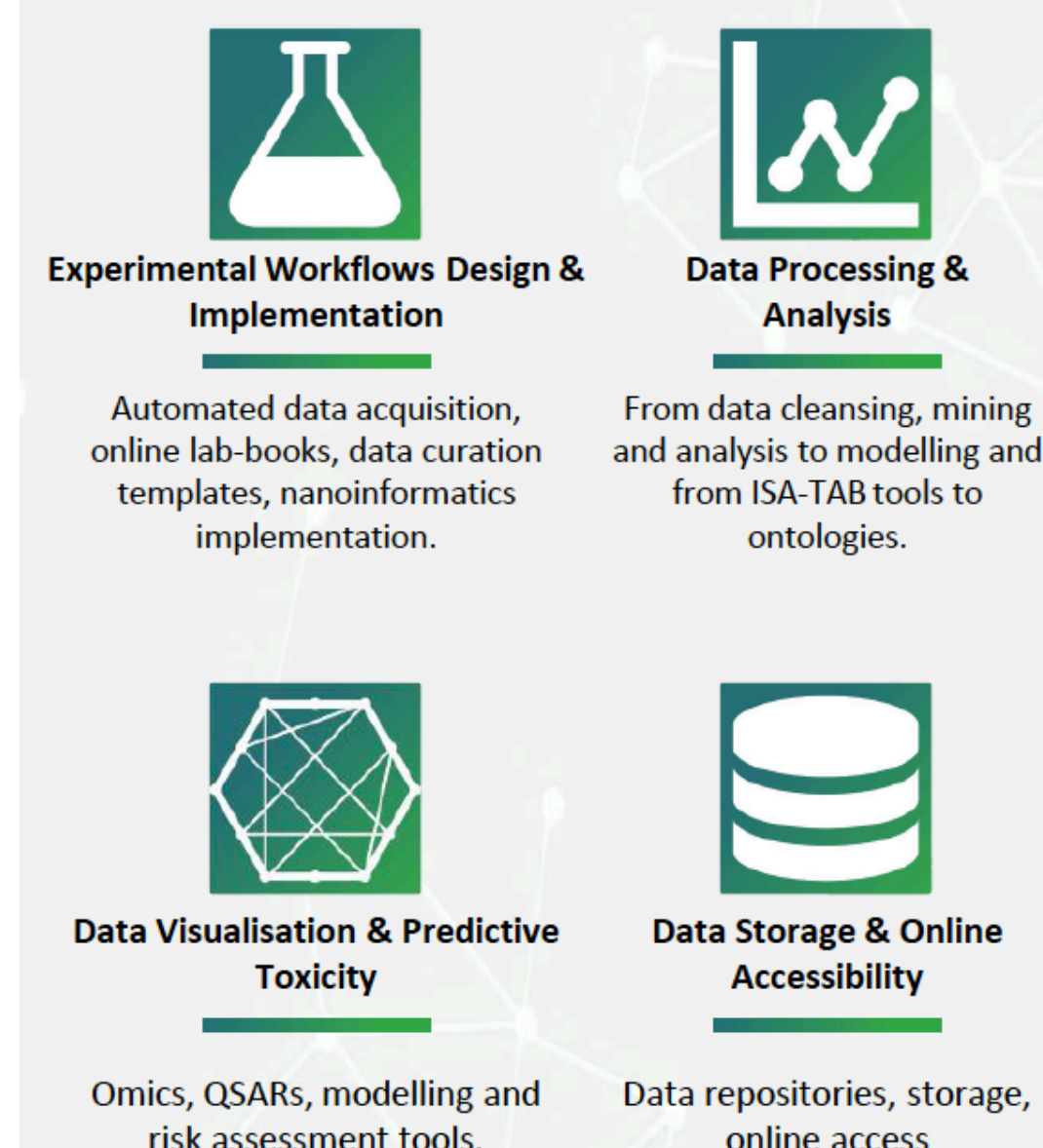
Select a workflow: QNAR\_PaCa2

Name: Description: QNAR\_PaCa2 QNAR model correlating chemical descriptors and MNP cellular uptakes (similar nanoparticle core with different surface modifiers)

NanoCommons H2020 ([www.nanocommons.eu](http://www.nanocommons.eu)) infrastructure project delivers a sustainable and openly accessible nanoinformatics framework, for the risk assessment of NMs, their products and their formulations.

The NanoCommons Transnational Access (TA) (<https://www.nanocommons.eu/e-infrastructure/transnational-access-services/>) gives the opportunity to researchers from industry, academia and regulatory bodies to access the state-of-the-art NanoCommons expertise free of charge and take advantage of the NanoCommons services, facilities and knowledge.

### Transnational Access Services



### Apply for Transnational Access



Proposal submission:  
[www.nanocommons.eu/ta-access](http://www.nanocommons.eu/ta-access)

Submission deadlines:  
1<sup>st</sup> Call: 31.05.2019  
2<sup>nd</sup> Call: 31.10.2019  
Similar dates in 2020

Conditions of Access:  
NanoCommons promotes Open and FAIR data: TA-funded projects are encouraged to publish Open Access and share data via Creative Commons Licenses. Funding from NanoCommons must be acknowledged in all outputs (posters, talks, papers, blogs etc.).

### Acknowledgement

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