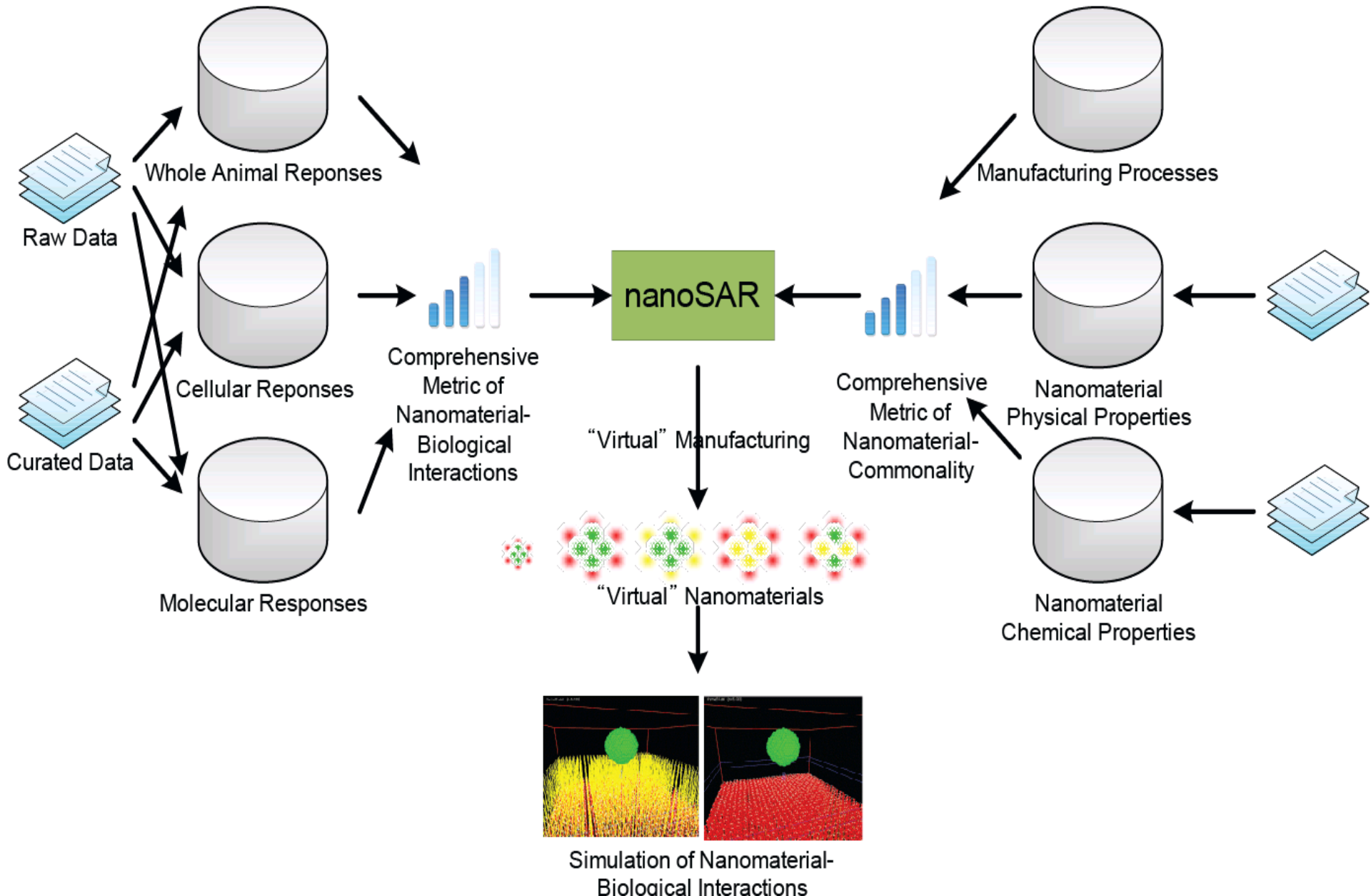


Nanomaterial-Biological Interactions Knowledgebase

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Environmental and Molecular Toxicology
Chemical, Biological and Environmental Engineering

Nanomaterial-Biological Interactions Knowledgebase



Easy Navigation within the Nanomaterial Library

Knowledgebase

Nanomaterial Library

Analysis

Nanomaterial Library

[Home](#) » [Knowledgebase](#) » [Library](#)

Family:
dendrimer
metal
other
semiconductor

Core:
aluminum
Au
cerium
copper

Structure:
TMAT
MES
MEE
MEEE

Shape:

Size:

Charge:



All
asymmetric triangle/pentagonal
HARN
rod
sphere
sphere/triangle
whiskers
N/A

All
0.8
1.5
10
14
20
20-40
22
7
<20
<40
<80
GX
N/A

All
+
-
0
N/A



Generate Heatmap:



Generate Plot:



Family:

All
dendrimer
metal
other
semiconductor

Core:

All
Ag
alumina-doped silicon dio
aluminum
Au

Structure:

All
TMAT
MES
MEE
MEEE

Shape:

All

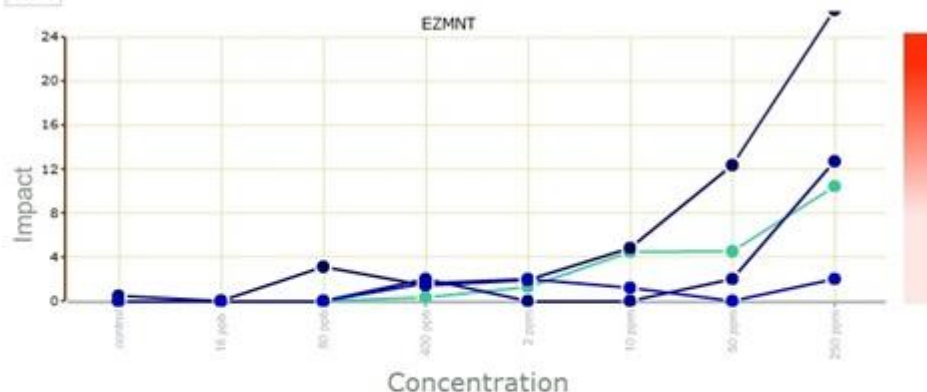
Size:

All

Charge:

All

Submit



Visual Image of a Graph for the EZ-Metrics Values

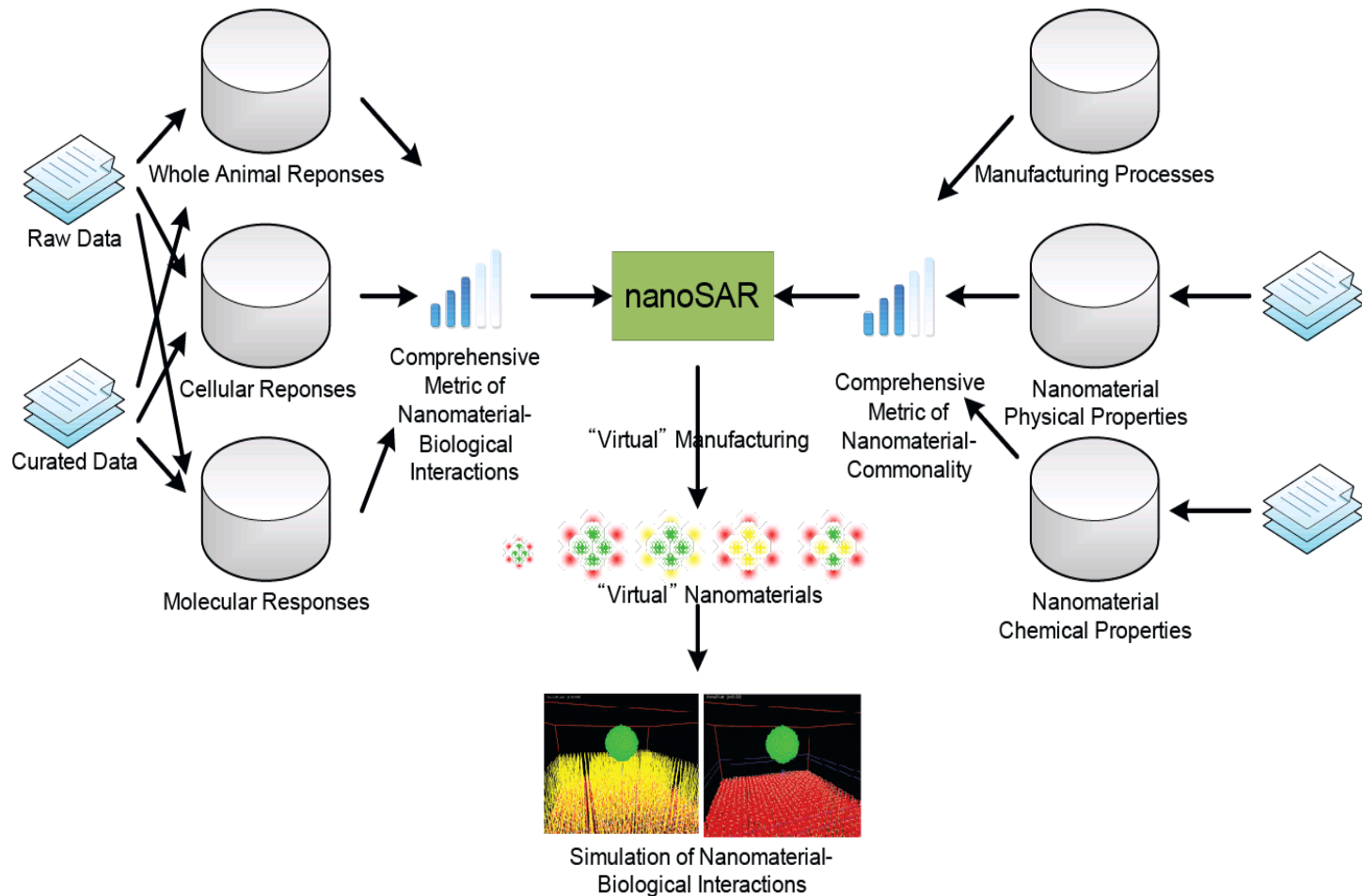
Line Legend:

ID:nbi_0002 ID:nbi_0006 ID:nbi_0011 ID:nbi_0013

Nanomaterial								EZMNT							
ID	Family	Core	Structure	Shape	Size	Charge	Purity	Concentration							
nbi_0002	metal	Au	MES	sphere	0.8	-	ultra pure	control	16 ppb	80 ppb	400 ppb	2 ppm	10 ppm	50 ppm	250 ppm
Average Values								0	0	0	0.3	1.25	4.45	4.5	10.4
nbi_0006	metal	Au	MES	sphere	1.5	-	ultra pure	control	16 ppb	80 ppb	400 ppb	2 ppm	10 ppm	50 ppm	250 ppm
Average Values								0.475	0	3.1	1.4	1.5	4.8	12.35	20.9
nbi_0011	metal	Au	MES	sphere	1.5	-	pure	control	16 ppb	80 ppb	400 ppb	2 ppm	10 ppm	50 ppm	250 ppm
Average Values								0	0	0	2	0	0	2	12.7
nbi_0013	metal	Au	MES	sphere	1.5	-	dirty	control	16 ppb	80 ppb	400 ppb	2 ppm	10 ppm	50 ppm	250 ppm
Average Values								0	0	0	1.6	2	1.2	0	2

EZ-Metrics Values Obtained from Data Analysis

Interoperable, Federated System of Data/Knowledgebases for Nano-Bio Informatics



Interoperable, Federated System of Data/Knowledgebases for Nano-Bio Informatics

