



BIOTestGroup

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<http://www.biodauin.polito.it/>

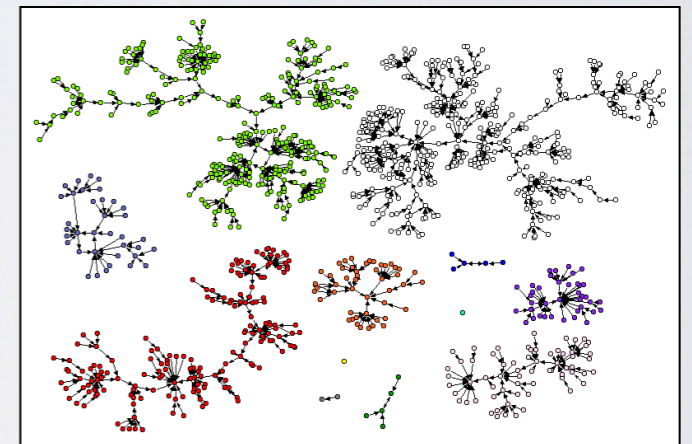
Research topics

- Our bioinformatics and systems biology research group designs, develops and assesses computational tools for the exploration of genomic and proteomic data.

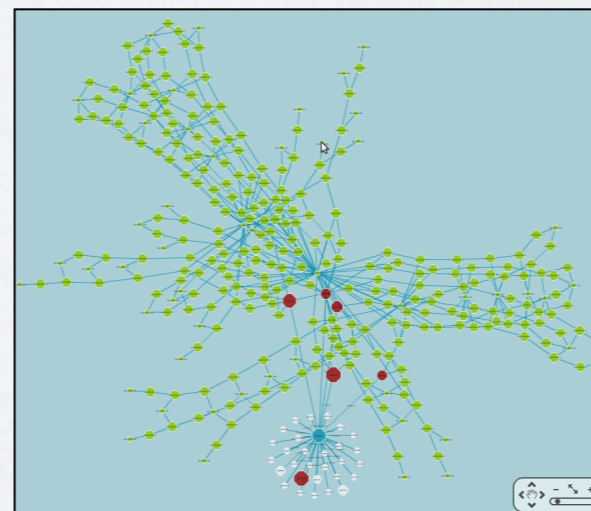
- Gene expression profile analysis



- Biological networks analysis and simulation



- Protein function prediction



The team



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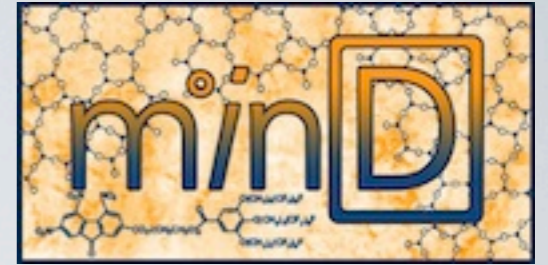
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Main funded research activities

MIND PROJECT



- A PRIN project to “Engineering physiologically and pathologically relevant organ Models for the INvestigation of age related Diseases”
- Our involvement:
 - Development of **IN-SILICO MODELS** of bone and cardiac young and aged tissues to support the study senescence effects of engineered tissues

Read more at: <http://www.mind.polito.it>

i-BIO OSDD



- A project **funded by Regione Valle d'Aosta** for creating research units.
- OSDD Research Unit aims to provide an informatics framework based on Cloud technologies to support the creation of open networks able to run industrial-standard pharmaceutical projects at a reduced cost.

CadProstate



- A project in collaboration with the **Institute for Cancer Research and Treatment at Candiolo**.
- Development of tools to aid in the diagnosis of prostate cancer by means of MRI images