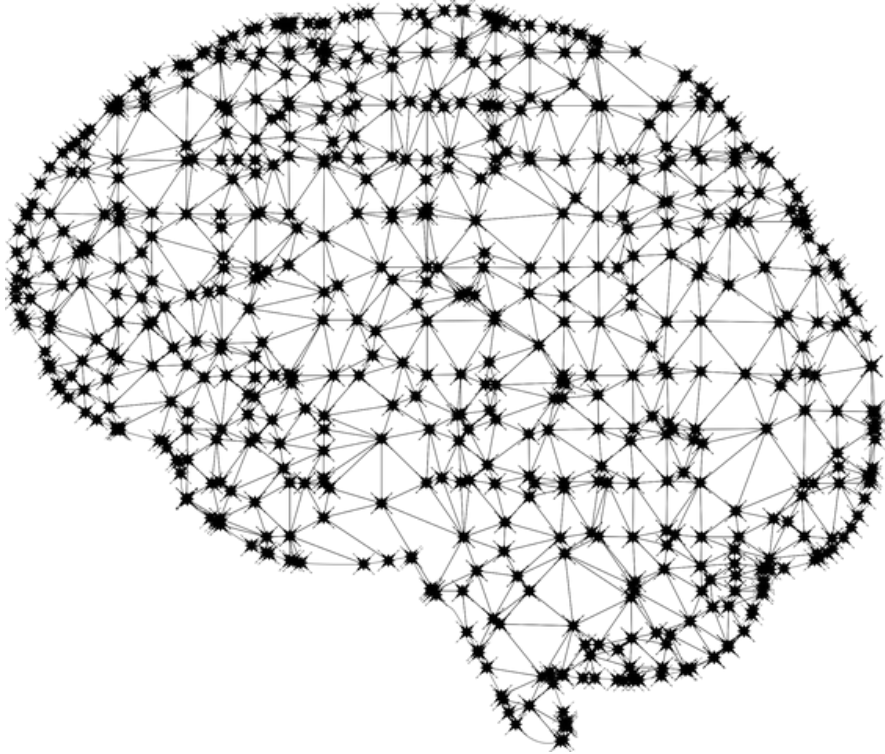
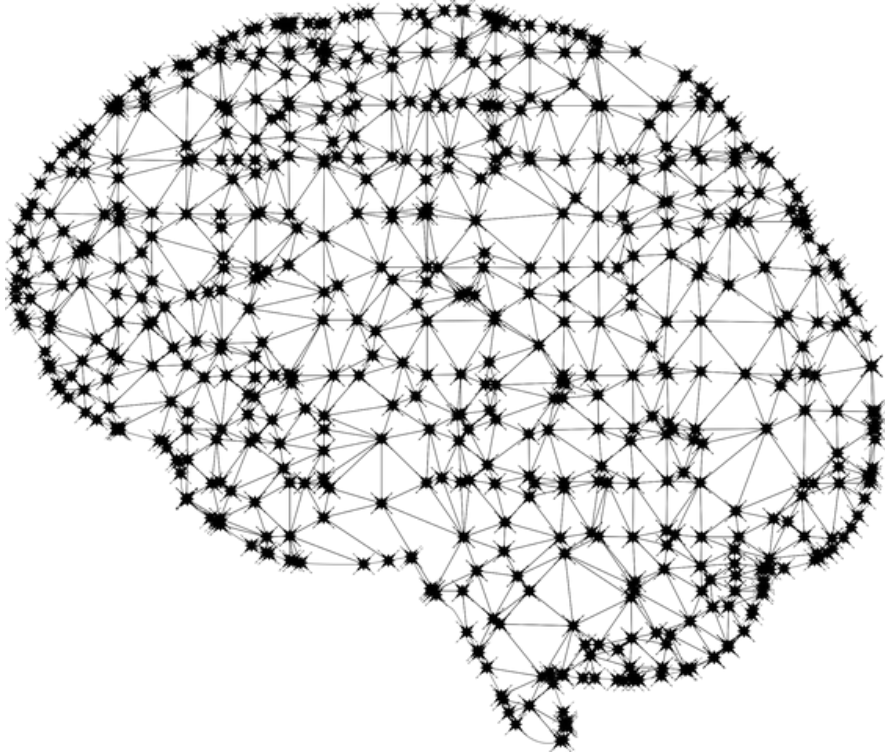




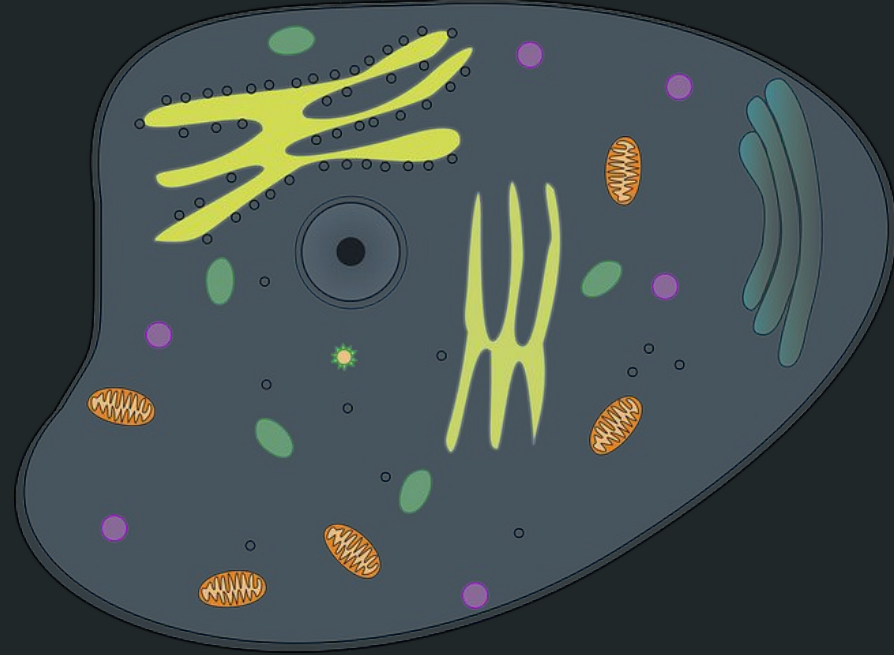
Data science

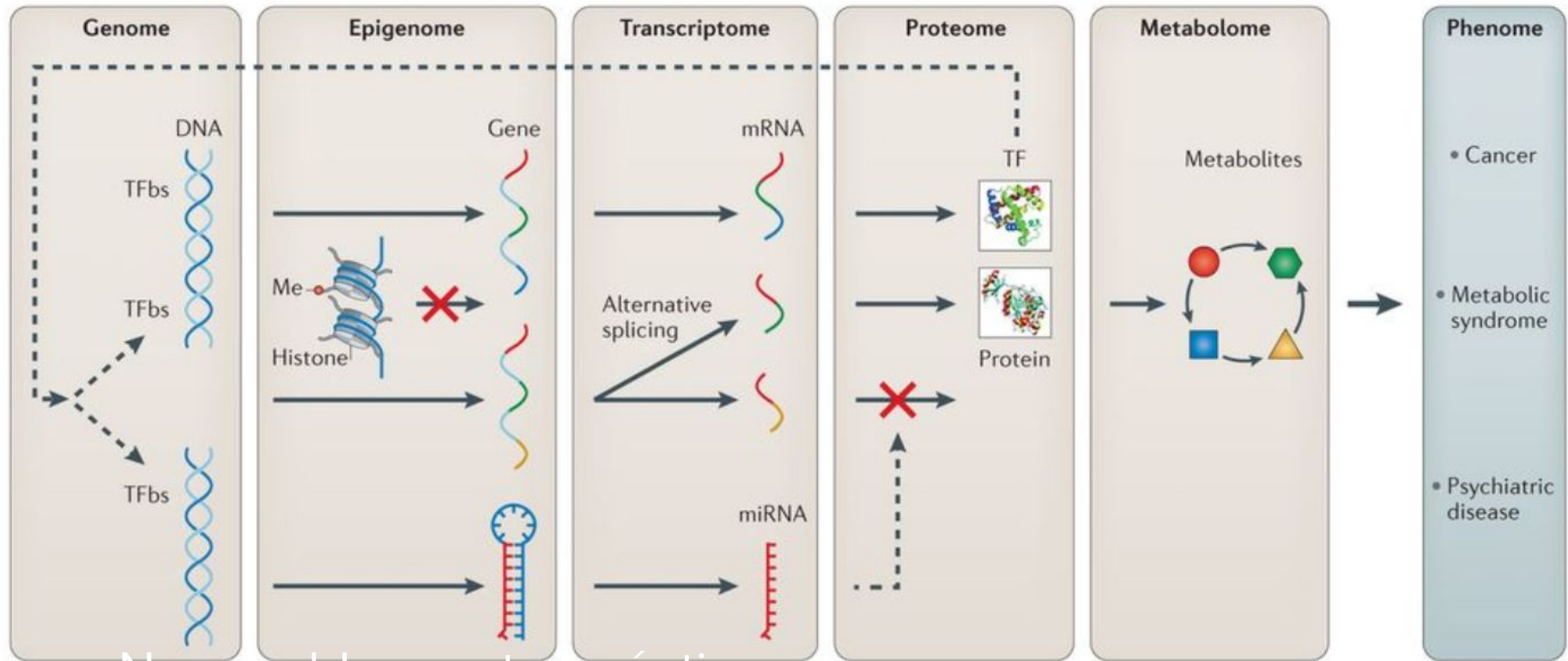


Data science



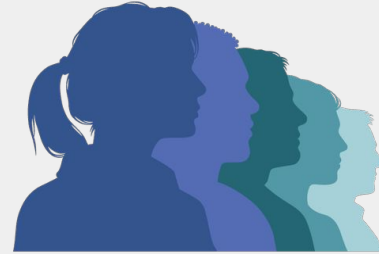
Célula





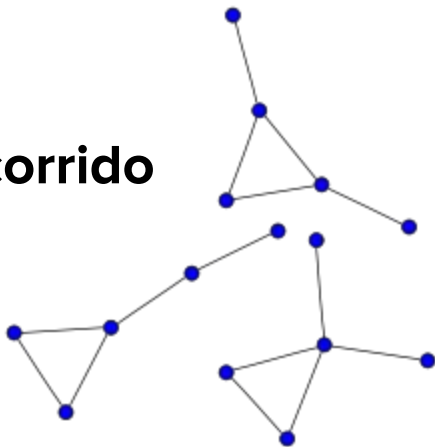
MEDICINA DE PRECISIÓN

- Prevención personalizada
- Diagnóstico temprano
- Tratamiento personalizado



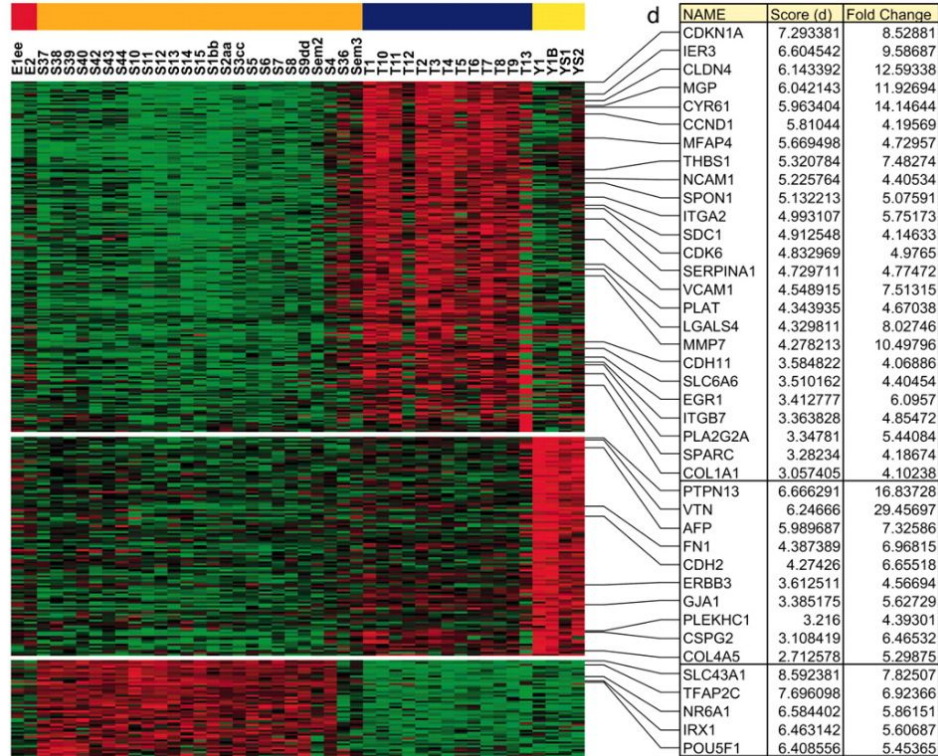


Recorrido



Research

Transcriptomics in cancer



Research

Transcriptomics in cancer: Bioplat

The screenshot displays the Bioplat software interface. At the top, there are tabs for 'Start', 'CheckConnections', 'Operations', and 'Window'. Below these, a file explorer shows 'NoName', 'vanvijver.csv', and 'Hatzis-GSE25066.csv'. The main window is titled 'Name: Hatzis-GSE25066.csv' and 'Author: Anonymous'. It contains a table with gene data:

Name	Gene Entrez ID	GSM615280	GSM615315	GSM615316
☐ CDC20	991	8.47768565409265	9.94264060554287	8.1623
☐ CCNB2	9133	8.57947141991032	9.99448635588009	8.3455
☐ CCNB1	891	8.54357133978324	8.9117480981714	7.15079
☐ CCNA2	890	7.74470725807216	8.9186512778345	7.75640
☐ BUB1B	701	6.35659665909742	7.97031932063843	6.16629
☐ BUB1	699	6.8082264512036	7.23669710447556	7.51103
☐ BIRC5	332	7.71475605620923	8.56546219554578	7.9475
☐ BCL2	596	6.93462421260632	7.17833182405896	7.93916
☐ AURKA	6790	7.38268962322026	8.86900468594173	7.70907
☐ ASPM	259266	7.64961587312199	8.04282610252428	6.56635

Below the table, there are tabs for 'Expression data', 'Clinical Data', and 'Statistic Analysis'. A 'Messages' panel on the left shows a log of events:

- 10/20/17... You are successfully connect to Bioplat Server
- 10/20/17... Creation of NoName(new gene signature. You can now, add genes us
- 10/20/17... Genes added to the Gene Signature(S1): AR, ASPM, AURKA, BCL2, BIR
- 10/20/17... Dataset from file "C:\Users\matia\Desktop\silicon\datasets\mama 51g
- 10/20/17... Dataset from file "C:\Users\matia\Desktop\silicon\datasets\mama 51g

A 'Select a wizard' dialog box is open in the center, titled 'New'. It has a 'Wizards:' section with a search bar containing 'type filter text'. The wizards listed are:

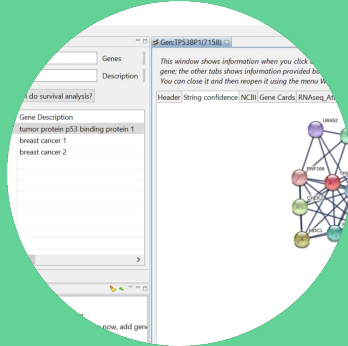
- Dataset
 - Import From Bioplat Cloud
 - Import from TCGA project
 - Import from TXT GEO file
- Gene Signature
 - Create a gene signature
 - Gene expression and regulators anlysis
 - Generate a metasignature
 - Import from databases
 - Random gene signature
- Patients
 - Evaluate using Classifier

At the bottom of the dialog are buttons for '< Back', 'Next >', 'Finish', and 'Cancel'. In the background, a gene network diagram is visible, showing nodes like CDC20, CCNB1, CCNB2, CCNA2, BUB1B, BUB1, BIRC5, BCL2, AURKA, and ASPM connected by lines. A text box on the right explains: 'This window shows information when you click on a gene in any gene table (on your left side). In the first tab you will see general information about the gene; the other tabs shows information provided but other using the menu Window/views/Other.../Gene.' Below this is a section for 'Cards: RNAseq Atlas'.

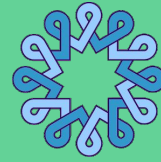
Research

Transcriptomics in cancer

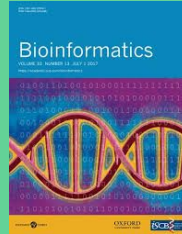
Bioplat



UNIVERSIDAD
NACIONAL
DE LA PLATA



INC
INSTITUTO
NACIONAL
del CÁNCER



CAETI

Centro de Altos Estudios en
Tecnología Informática

FACULTAD DE TECNOLOGÍA INFORMÁTICA - UAI

Concurso innovación Silicon Valley



Spin-off





Zoigen

cursos
genetica

HCE genética

decodiPHI



zoigen

Laboratorio de estudios genéticos



MEDICAL



**Médico
Genetista**



WELLNESS



**Nutricionista /
deportólogo**



Zoigen

**cursos
genetica**

HCE genética

decodiPHI



Cursos GENÉTICA





Zoigen

cursos
genetica

HCE genética

decodiPHI

gen^ehr

Problema

1-Las instituciones de salud no aprovechan la información de los estudios genómicos.

2-Los médicos tienen baja capacitación en qué pacientes derivar a genética

Solución

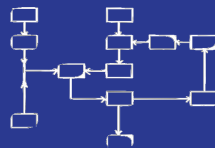
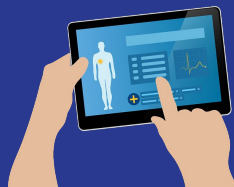
Desarrollo integral de

- 1. BD genómica**
- 2. Ingestores bioinformáticos**
- 3. Reglas de seguimiento para pacientes con variantes genéticas**
- 4. Alertas en la historia clínica**

5-Reglas pacientes riesgo aumentado

Target

Instituciones de salud con historia clínica electrónica cuyos profesionales soliciten estudios genómicos.





Zoigen

cursos
genetica

HCE genética

decodiPHI



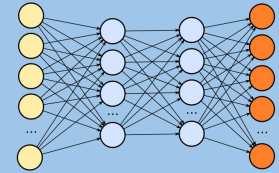
decodiPHI

Pharma intelligence

**Epidemiología
genética**



**Identificación de potenciales
companion diagnostics y blancos
terapéuticos**



**Ensayos clínicos
farmacogenéticos**



Spin-off

(Genómica)

genomIT

Zoigen

HCE
genética

decodiPHI

cursos
genetica

genomit.com.ar

Research

(Transcriptómica y epigenómica)

Inteligencia artificial

Bioplat

Multomics

omicsdatascience.org

Gracias!