

Discoveryy (finding it)

✧ Identifying potential

- ✧ Searching the literature
- ✧ Searching databases
- ✧ Analyzing relationships
- ✧ Culling candidates

Biotechnology

also genetic DNA cells desired organisms produce cancer altered bacteria genetically diseases

gene biological processed products

manipulation applications

break agriculture

prolonged disorders technology

exploitation United

product manufacture engineering

many bacterial

growth insulin medicine

United

animal general Hybrids

technique way systems

problem splicing

substance processes

industrial

made shelf

corn common

monoclonal

genes

qualities

category

laboratory

substances

Much plant

inserted

extract

process

antibodies

field

living

treatment

recombinant

pharmacology

quantities

hybridomas

oil

development

similarly

drugs

techniques

modified

increased

interferon

called

includes

produces

solution

sinks

fields

involved

pests

Plants

useful

created

States

resistance

nucleic

pharming

mass

experimental

cultured

see

life

normal

attempts

technological

example

therapy

chronic

hormones

material

acid

now

antibody-producing

cloned

medically

foods

use

cloned

Livestock

treat

used

large

manipulate

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use

cloned

Livestock

treat

used

large

manipulate

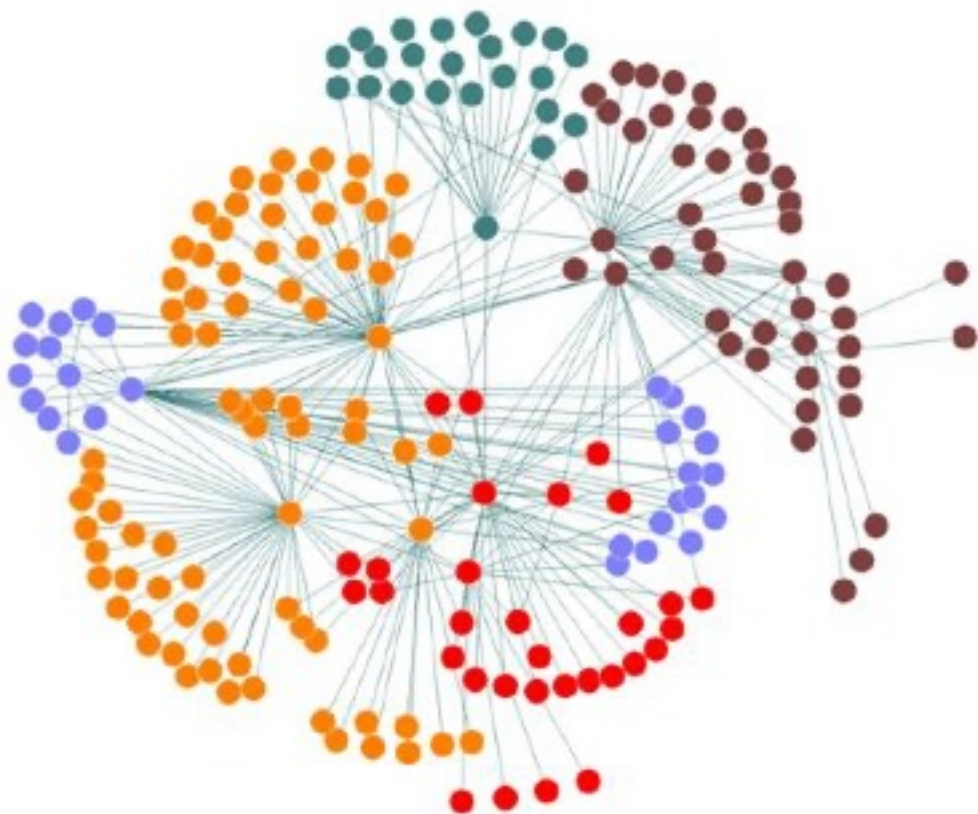
manipulation

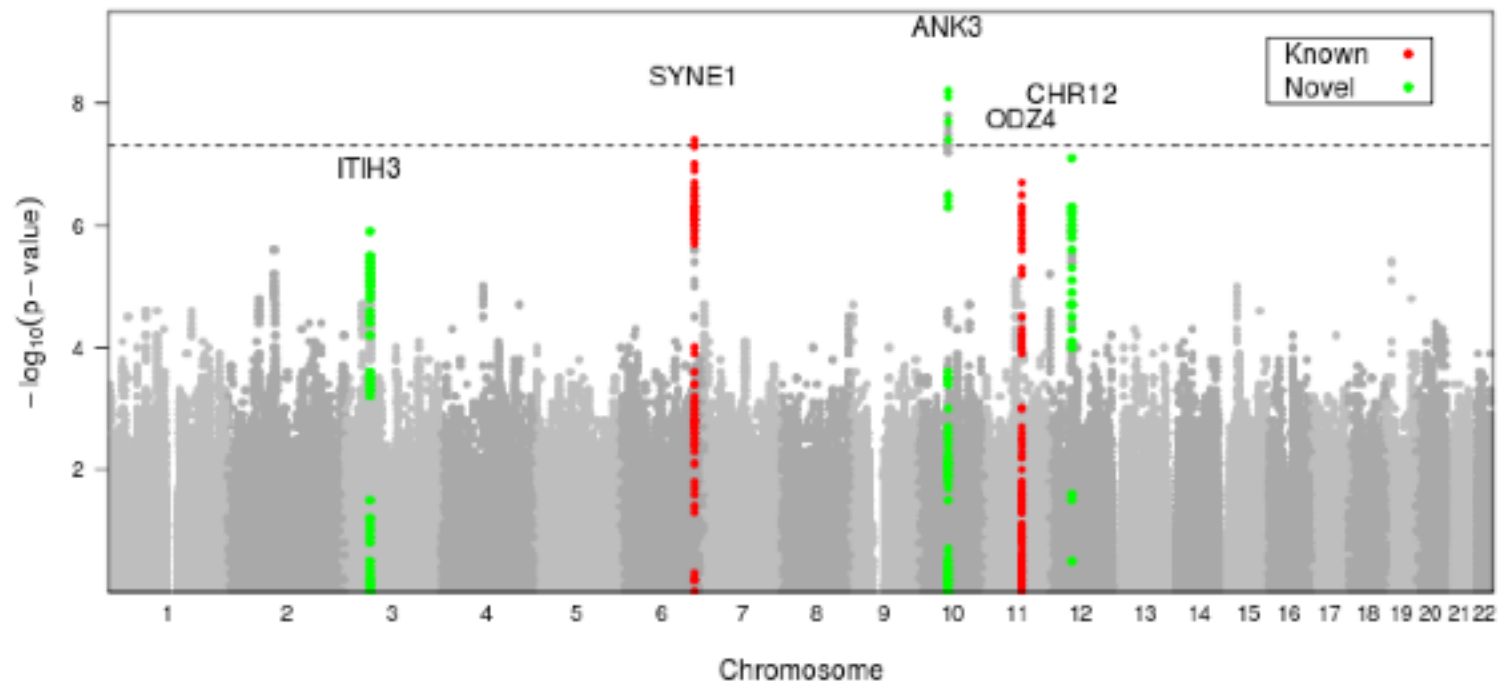
break

agriculture

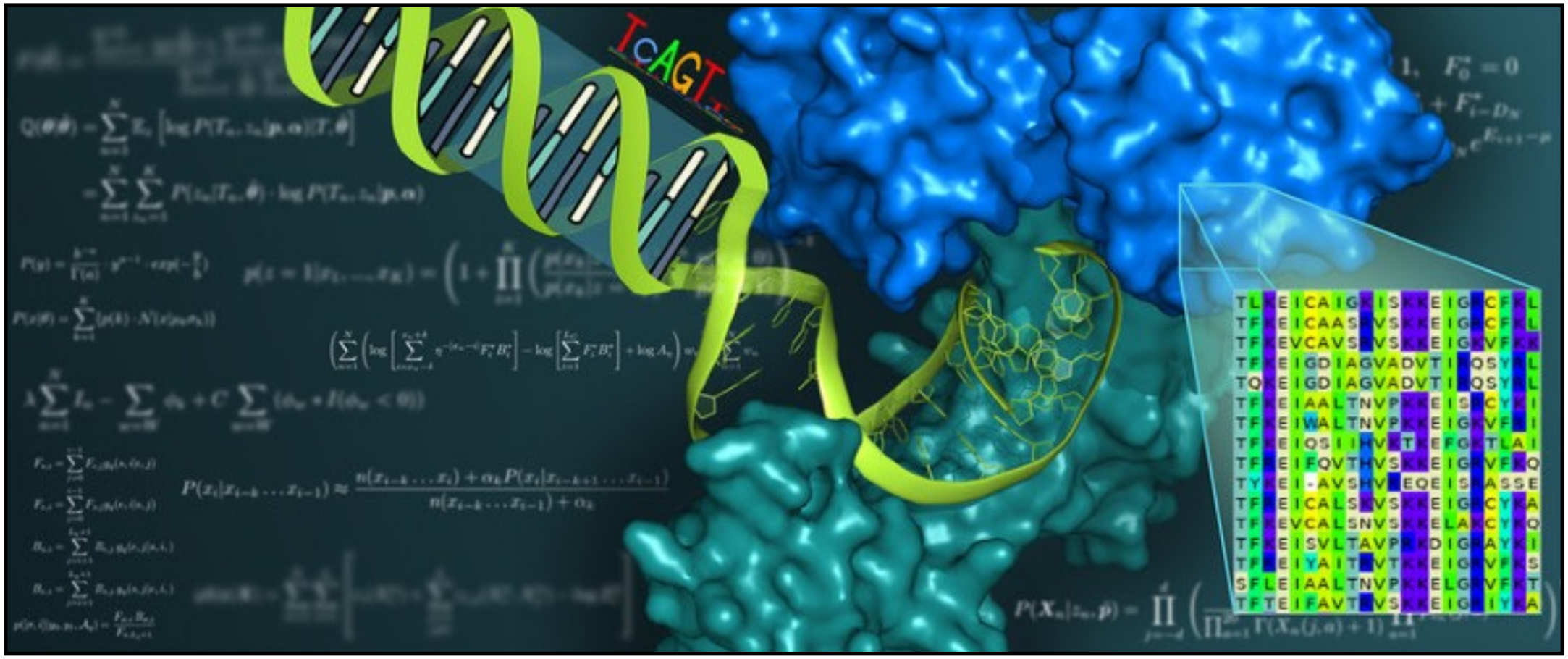


Search





[illegible]





368

94

172

45

73

38

99

25

73

54

91

85

40

78

49

10

30

62

49

32

31

340

301

336

280

317

232

377

431

411

451

430

451

397

439

164

182

139

144

235

19

2.132

1.001

1.308

1.710

1.725

1.442

2.453

2.390

3.850

2.175

1.389

2.833

3.928

2.190

2.850

2.196

2.850

1.999

2.999

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1.920

1.748

2.387

2.930

1.399

1.253

3.928

3.176

2.514

2.835

2.119

1.373

1.287

1.272

2.303

2.738

2.115

2.551

2.110

1.928

1.902

1.921

2.796

2.850

3.292

3.383

2.985

2.117

2.857

2.850

1.272

1.928

1.951

2.119

2.850

2.850

110

280

194

76

28

829

712

825

355

28

28

28

28

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28

92

268

159

324

304

430

277

175

2.402

1.988

243

249

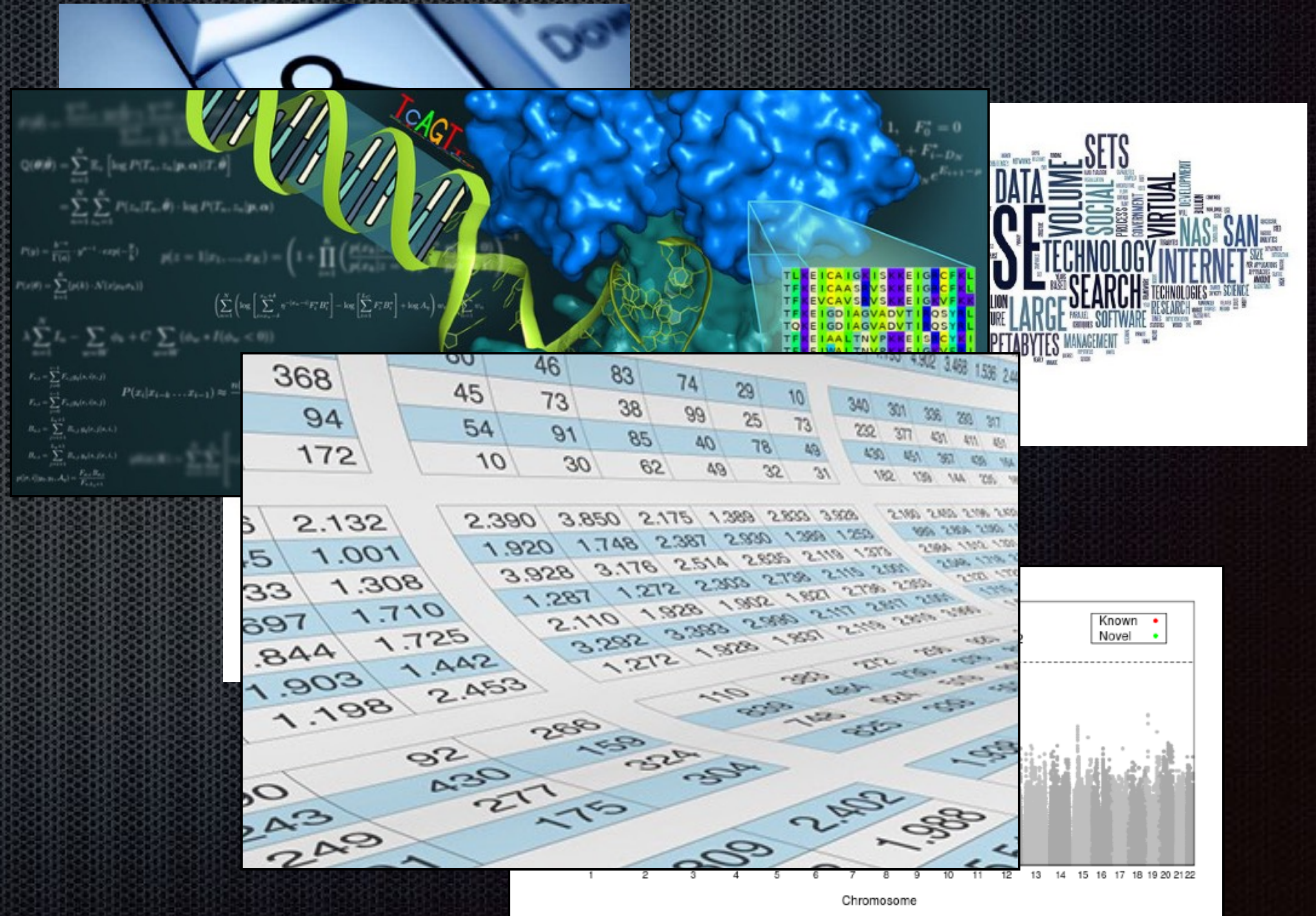
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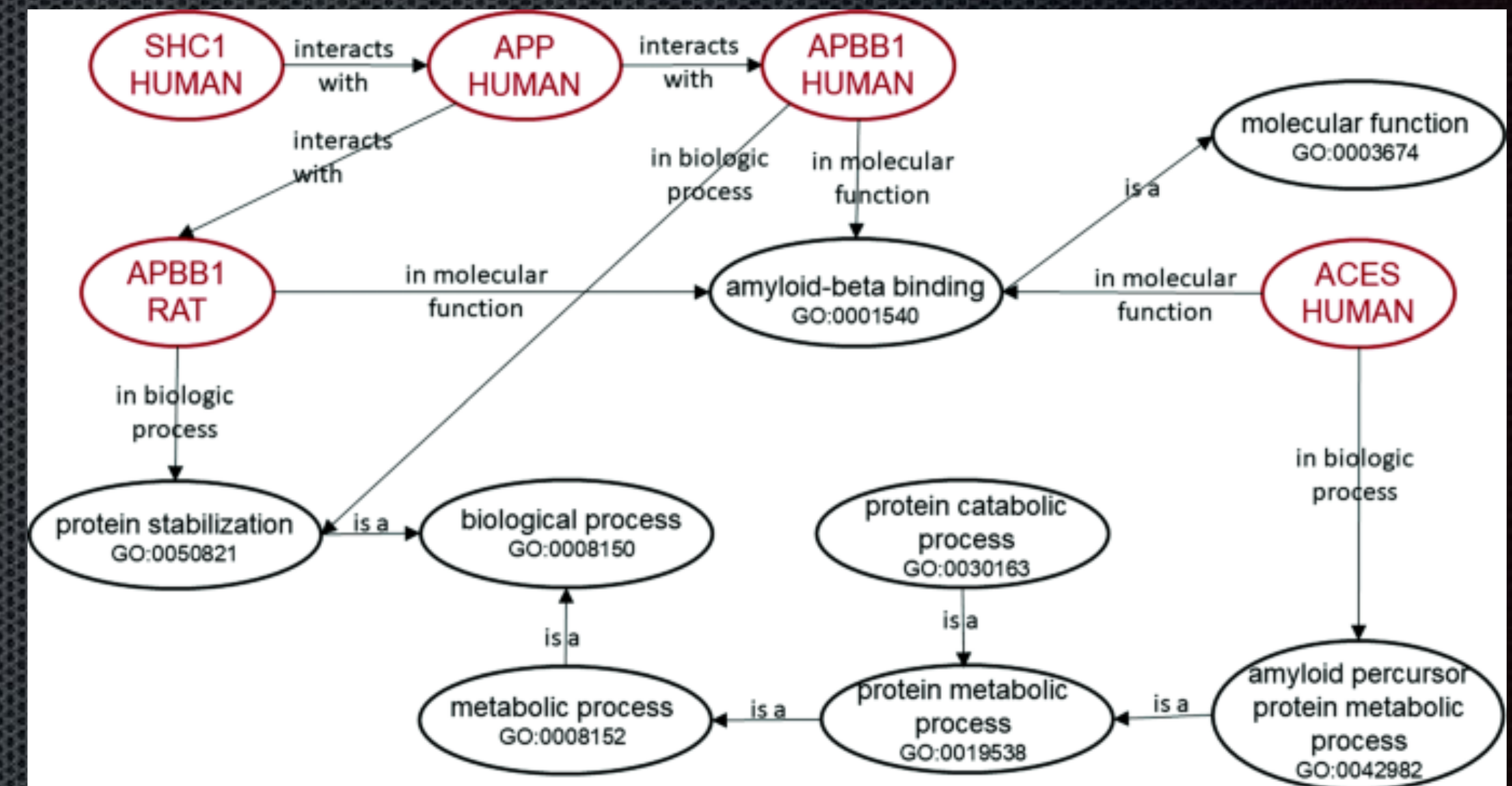
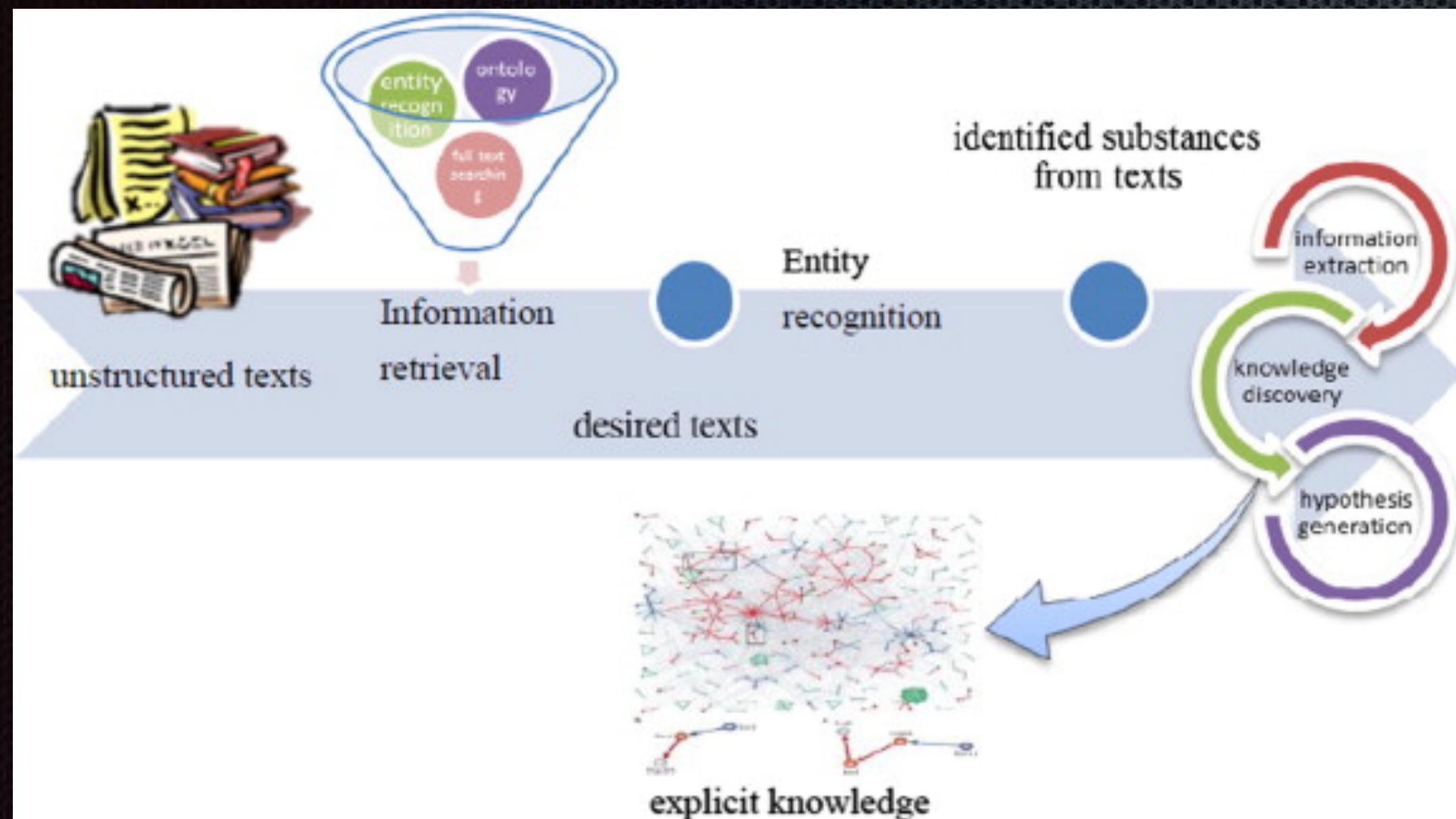
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Discovery (finding it)



Natural language processing, knowledge graphs and machine-driven literature search