Epigenetic Research
CUPRUM

PhD Etienne Capieaux

Biological evidence for an effect of high homeopathic potencies using biomolecular tools

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Ir PhD

DYNHOM 13 mai 2017

Cuprum

L’homéopathie est une discipline considérant l’homme dans sa globalité mentale et physique

L’homéopathie dans toutes ses composantes est reliée à la vie

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Impacts de médications homéopathiques sur des organismes vivants

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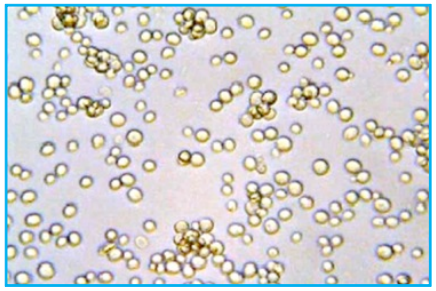
High Homeopathic Potencies



→ Biological activities

- **Il nous faut donc des outils pour le faire**
- **Nous irons chercher des outils classiques que l'on trouve dans des milieux hospitaliers ou universitaires**
- **Et nous utiliserons des protocoles expérimentaux classiques du domaine allopathique**
- **Nous remplacerons néanmoins les échantillons pondéraux avec des échantillons informationnels**
- **Ces outils sont issus de la biologie moléculaire**

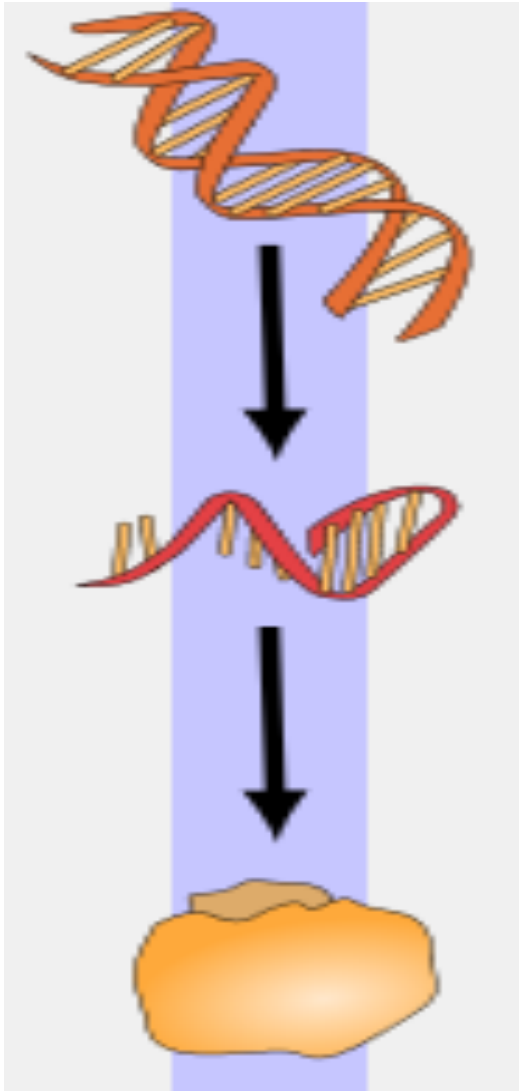
Expression génique

ADN

(gènes)

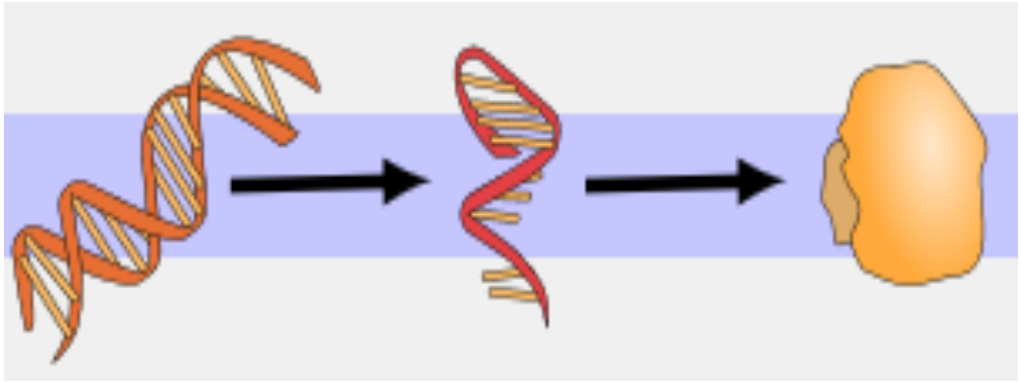
ARNm

protéine

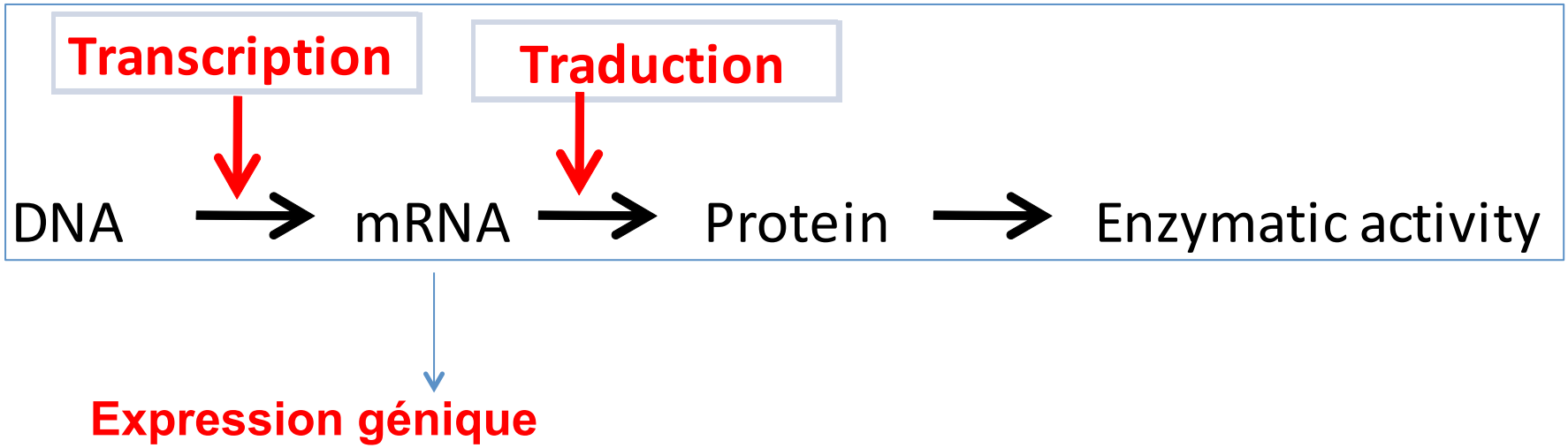


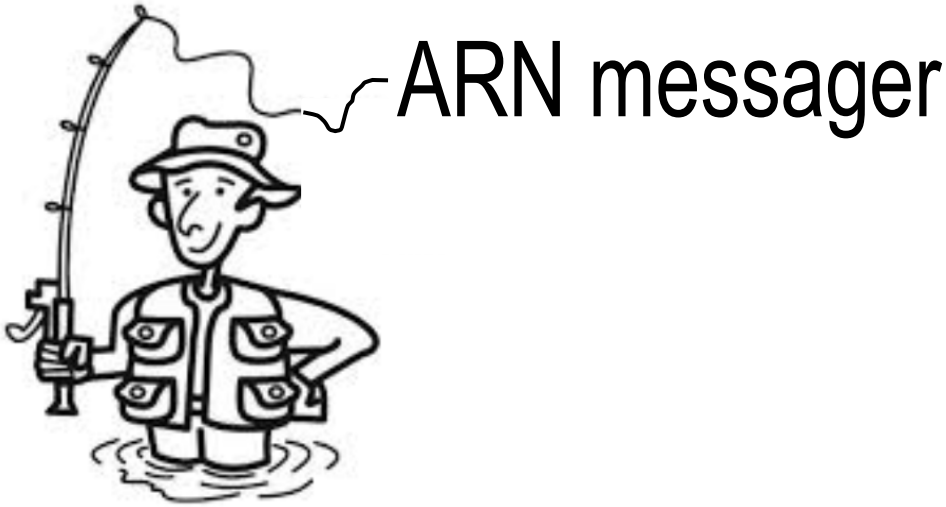
Transcription Traduction

ADN → ARNm → Protéine → Activité enzymatique

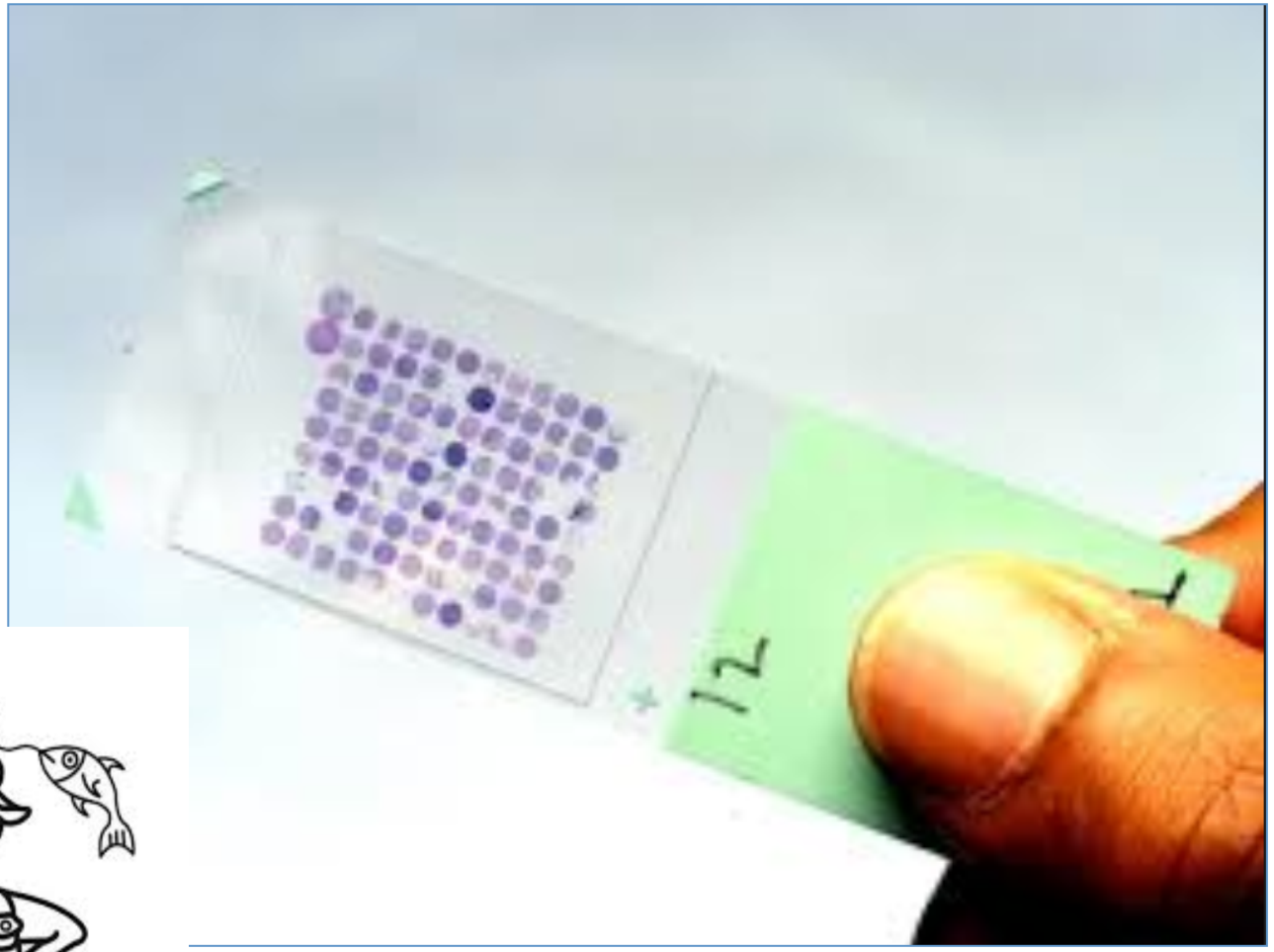


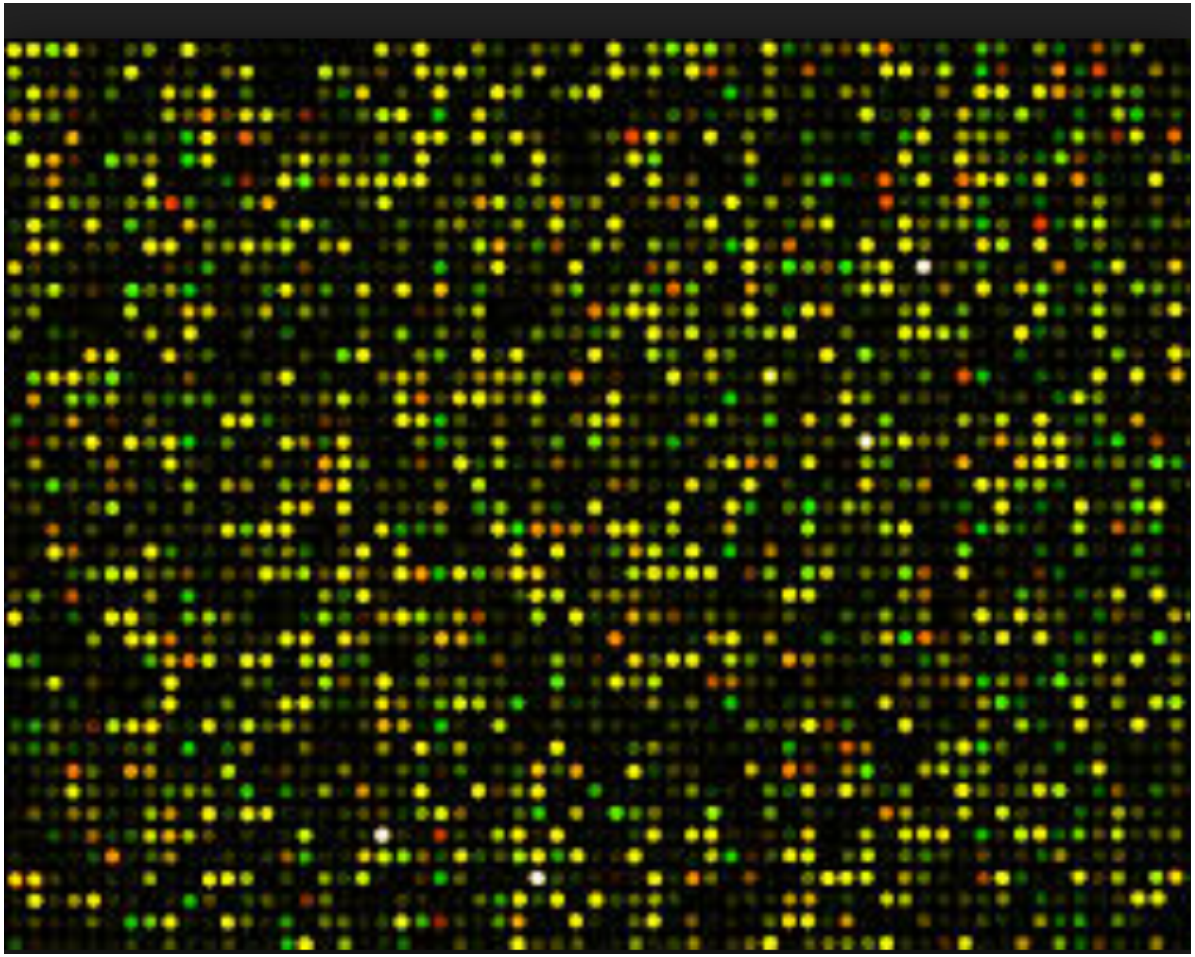
Expression génique

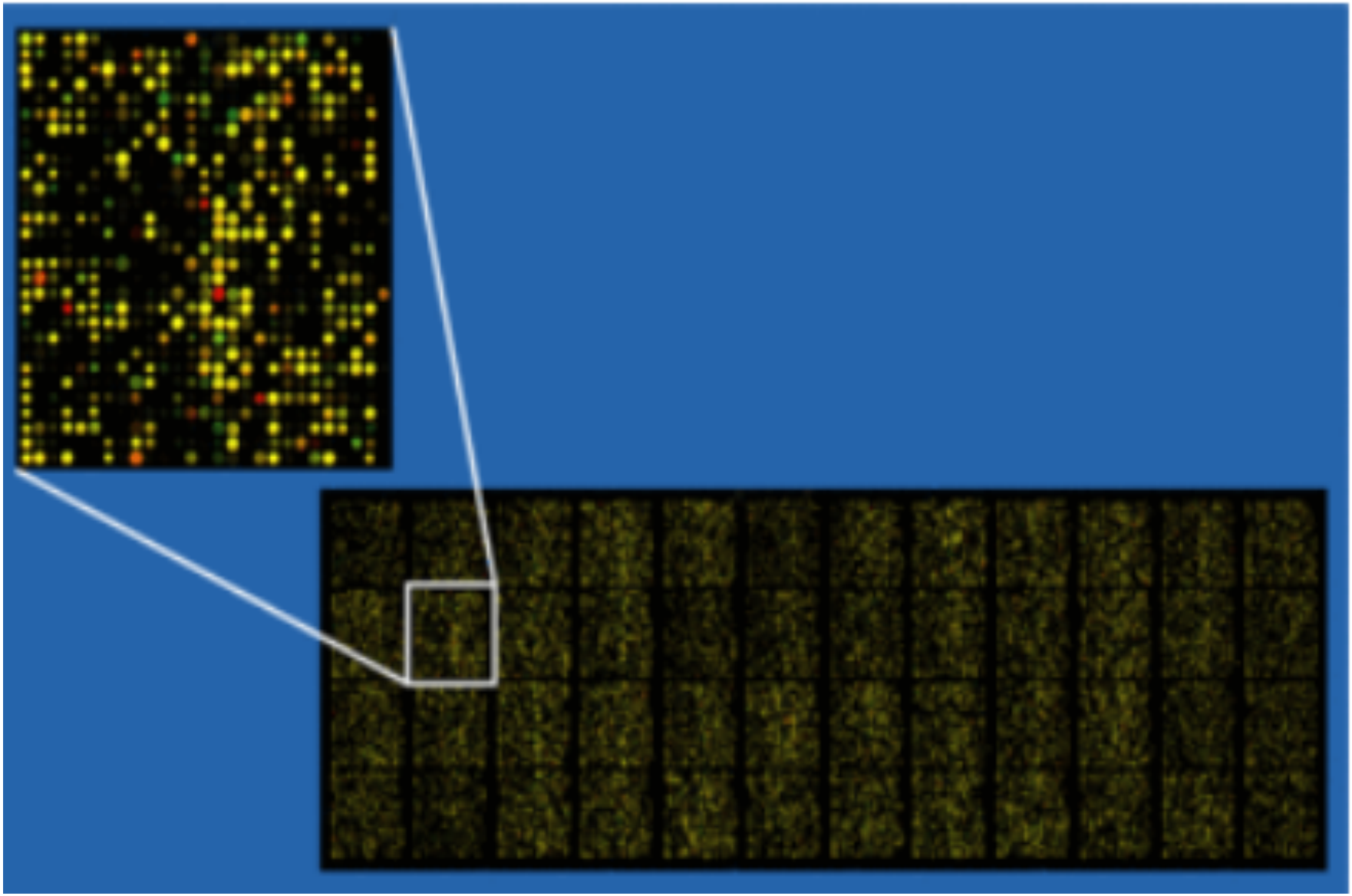

Transcription
Traduction
DNA
mRNA
Protein
Enzymatic activity
Expression génique

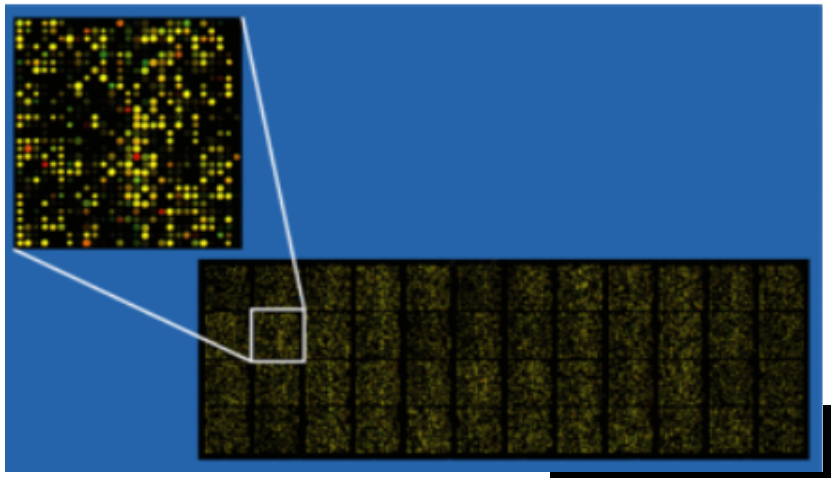

ARN messager

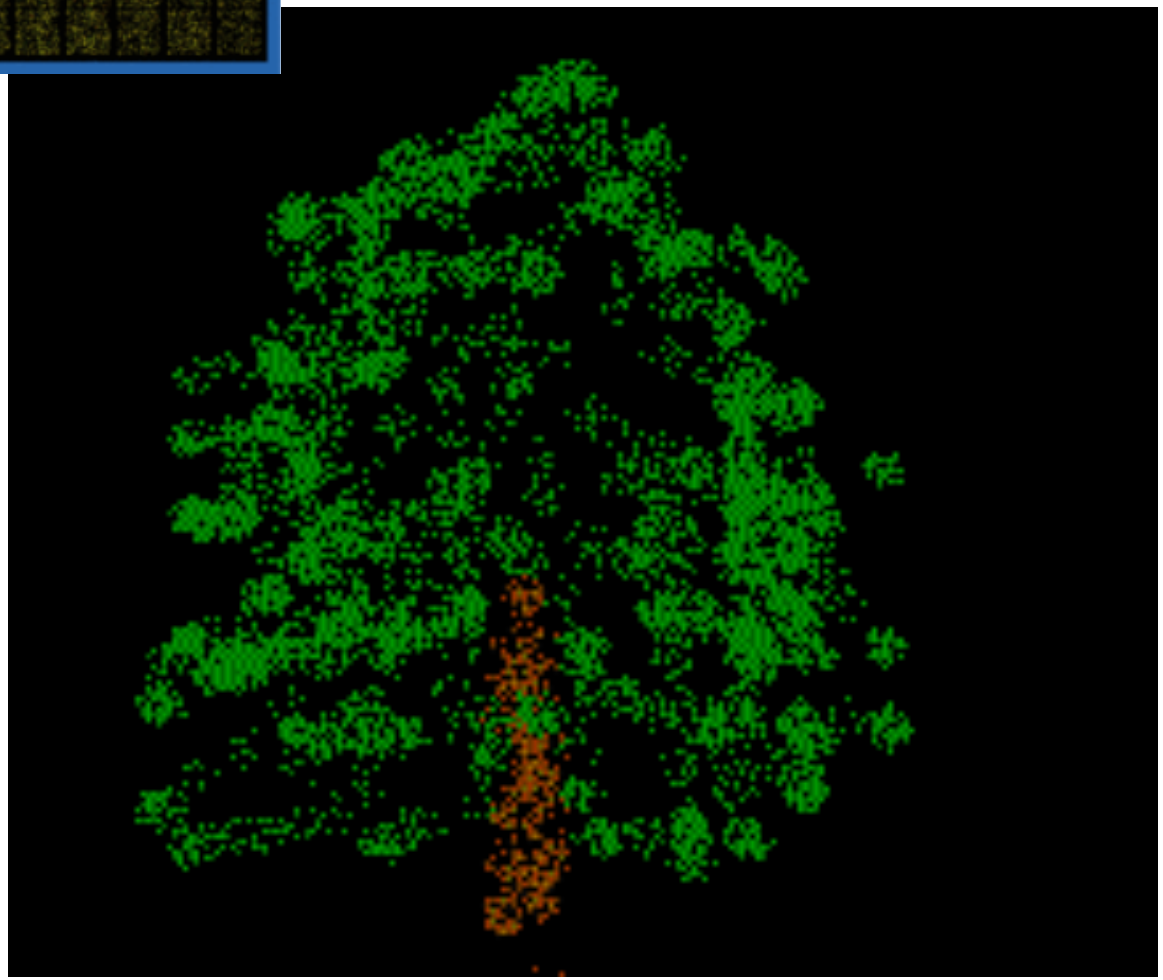
Puce à ADN (microarray)











Epigénétisme

Epi (Spicum)

”au dessus ”

Facteurs environnementaux

Alimentation

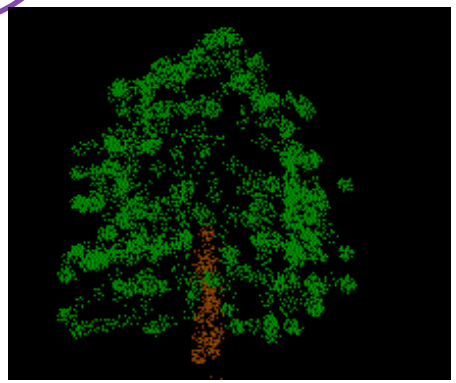
Hygiène de vie

Climat émotionnel

Climat hormonal

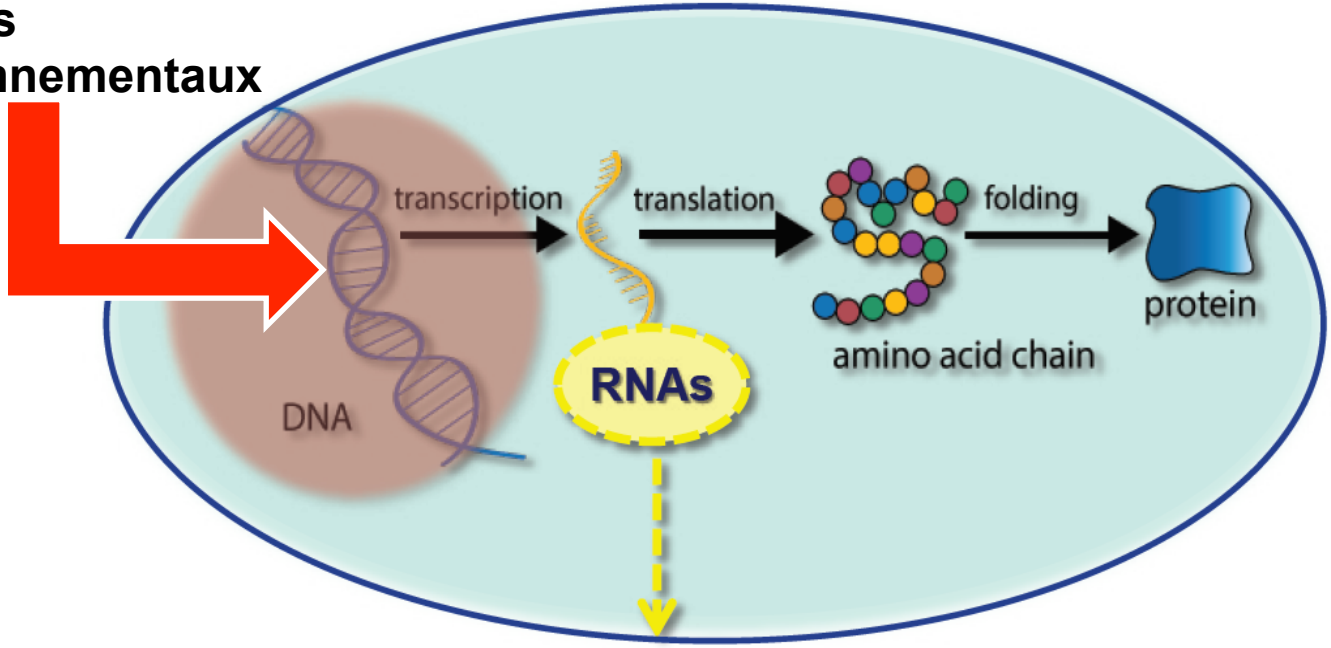
Médicaments allopathiques

Médicaments informationnels

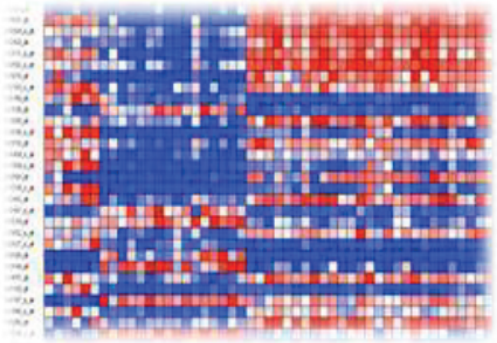


Impacts environnementaux

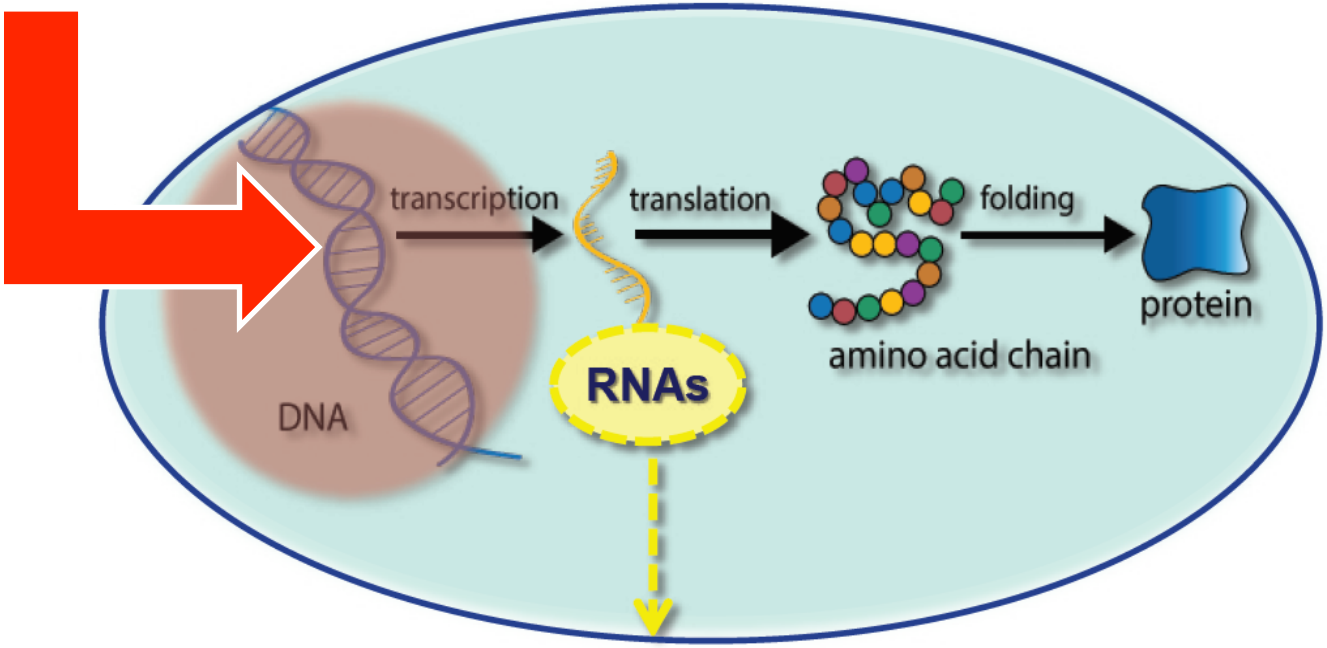
Conséquences phénotypiques



Expression génique

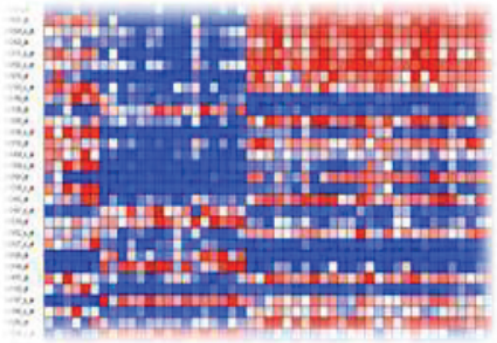


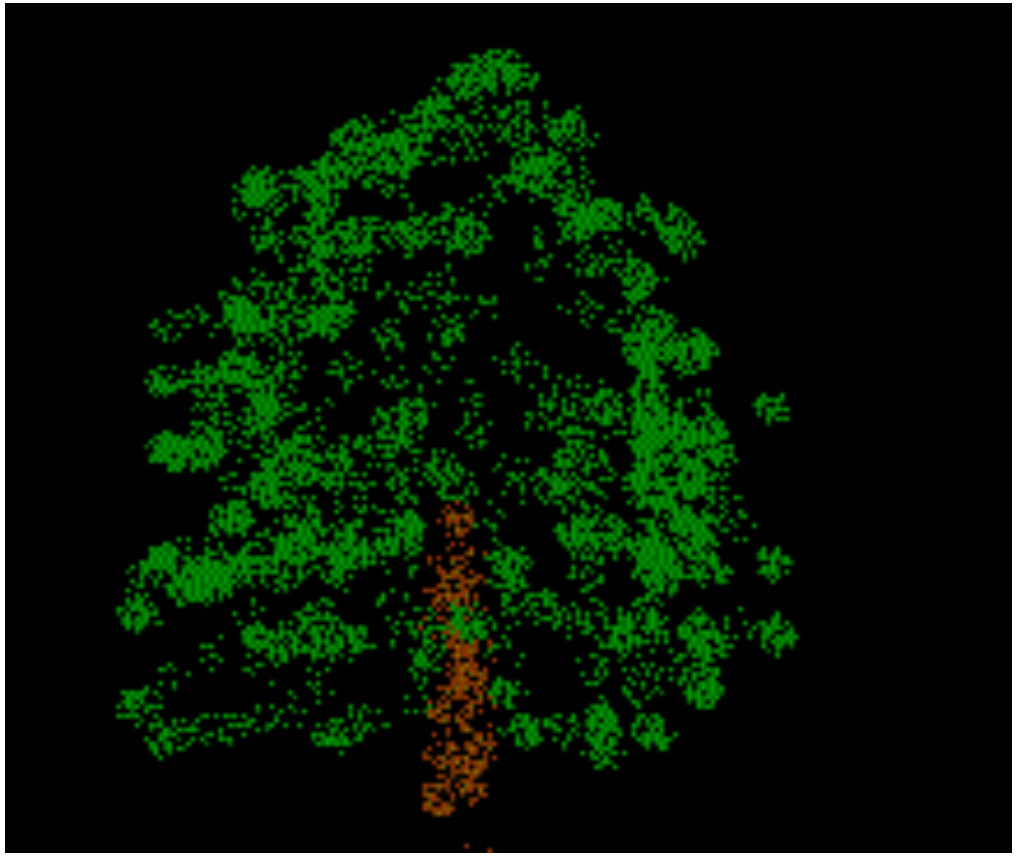
Médicament homéopathique



Conséquences phénotypiques

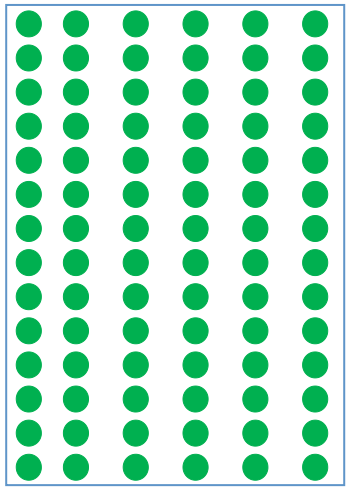
Expression génique

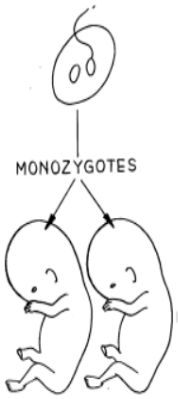


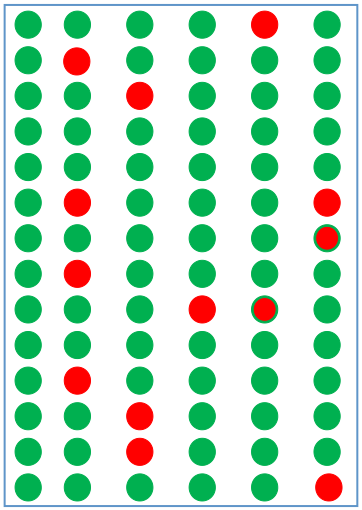


Jumeaux monozygotes

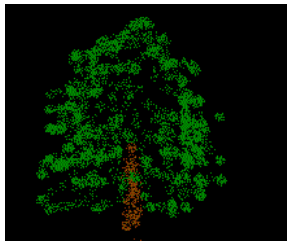
Génétiquement identiques

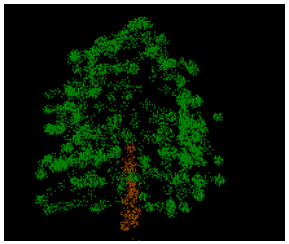




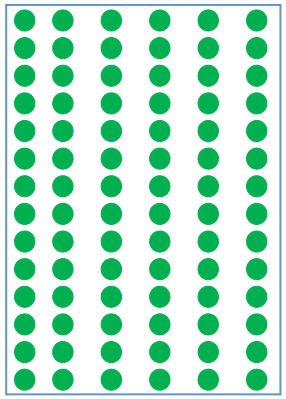


Jumeaux monozygotes

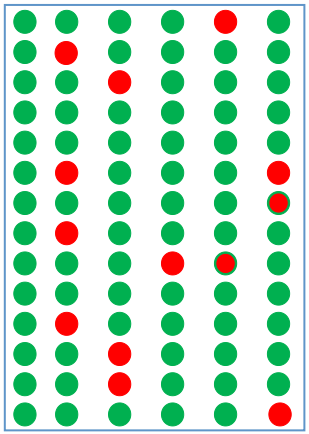




Génétiquement identiques



Avec l'âge des différences phénotypiques apparaissent



Jumeaux monozygotes

Génétiquement identiques et avec un gène du cancer (BRCA)

K a 45 ans

Pas de K

Les très hautes dilutions de cuivre impactent sur la vie

Les très hautes dilutions de cuivre impactent sur la vie

Et ce…. vu par la biologie moléculaire

CU++ 10-^{17} Molaire

ELSEVIER

Chemico-Biological Interactions 188 (2010) 214–219

Extremely low copper concentration prostate epithelial cell lines

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[c] Department of Chemistry, University of Florence, Via della Lastruccia, 3, 50019,

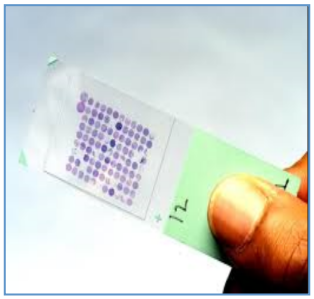
”*in vitro*”

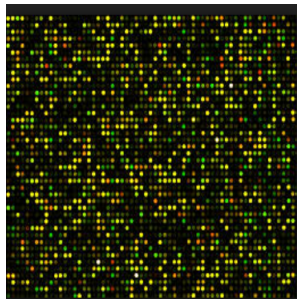
Lignée humaine (RWPE-1)

Non néoplasique

Epithélium prostatique

Puce à 41.000 spots





-Cyt C Oxydase (COX15)

-Metallothionéines (MT1B-MT1E-MT1G-MT1H)

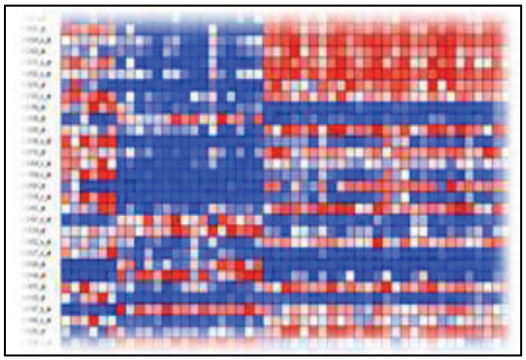
-Heat shock protein (HSP90AA1)

-Transporteurs de solutés (SLC25A24-SLC43A2)

-Enz. de conjuguaison de l'ubiquitine (UBE20-UBPH-USP48)

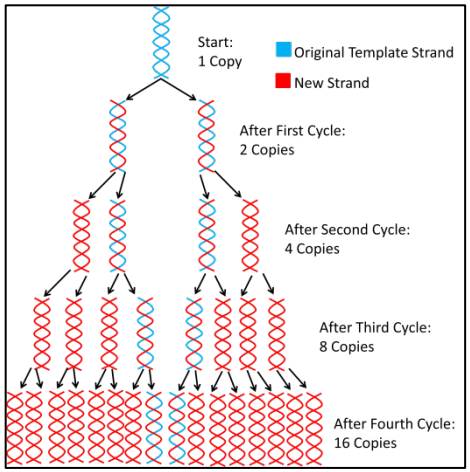
Résultats confirmés par 2 méthodes différentes

Micro-arrays



Puce à 41.000 spots

RT-PCR



Merci !