

Workshop

Ambiente e Salute: Interferenti Endocrini e Biorisanamento

**Misura diretta *in vitro* del rischio da esposizione ad
Interferenti Endocrini**

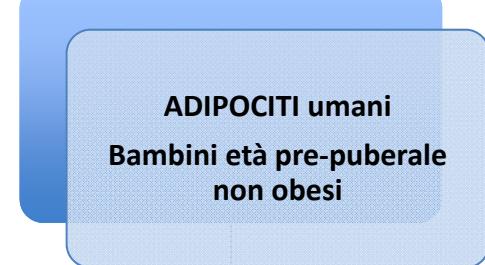


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Roma 14 Novembre 2014

MODELLI CELLULARI UTILIZZATI



Coinvolgimento IE in patologie umane

BPA

Marker disordini metabolici
Marker infiammazione
Accumulo lipidico citoplasmatico

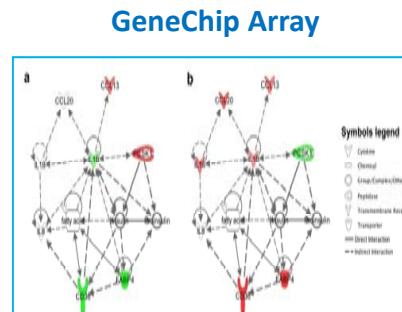
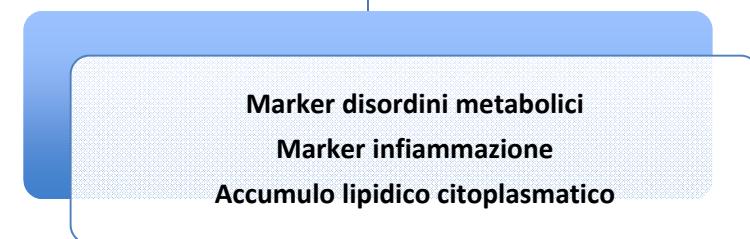
Cellule ENDOMETRIALI umane stromali ed epiteliali primarie

BPA, BPF,
TRICLOSAN

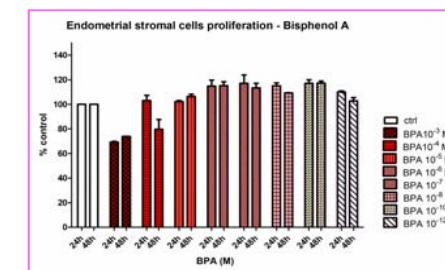
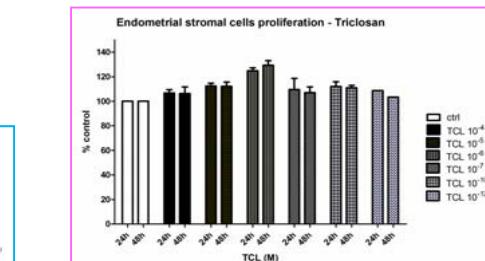
Modalità di azione
Pathways molcolari coinvolti

Cellule STAMINALI embrionali di ratto

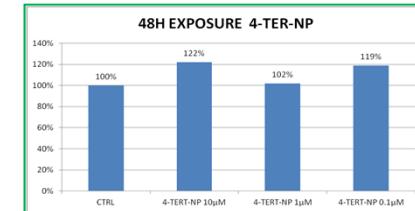
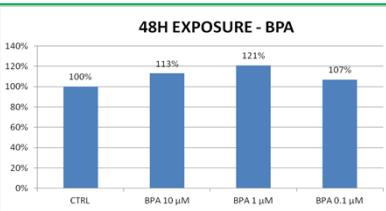
BPA, BPAF, BPS
NP, OP
DES, TCL



PCSK1 insulin production ↓
Citochine infiammatorie ↑
FABP4, CD36 ↑
Lipid metabolism

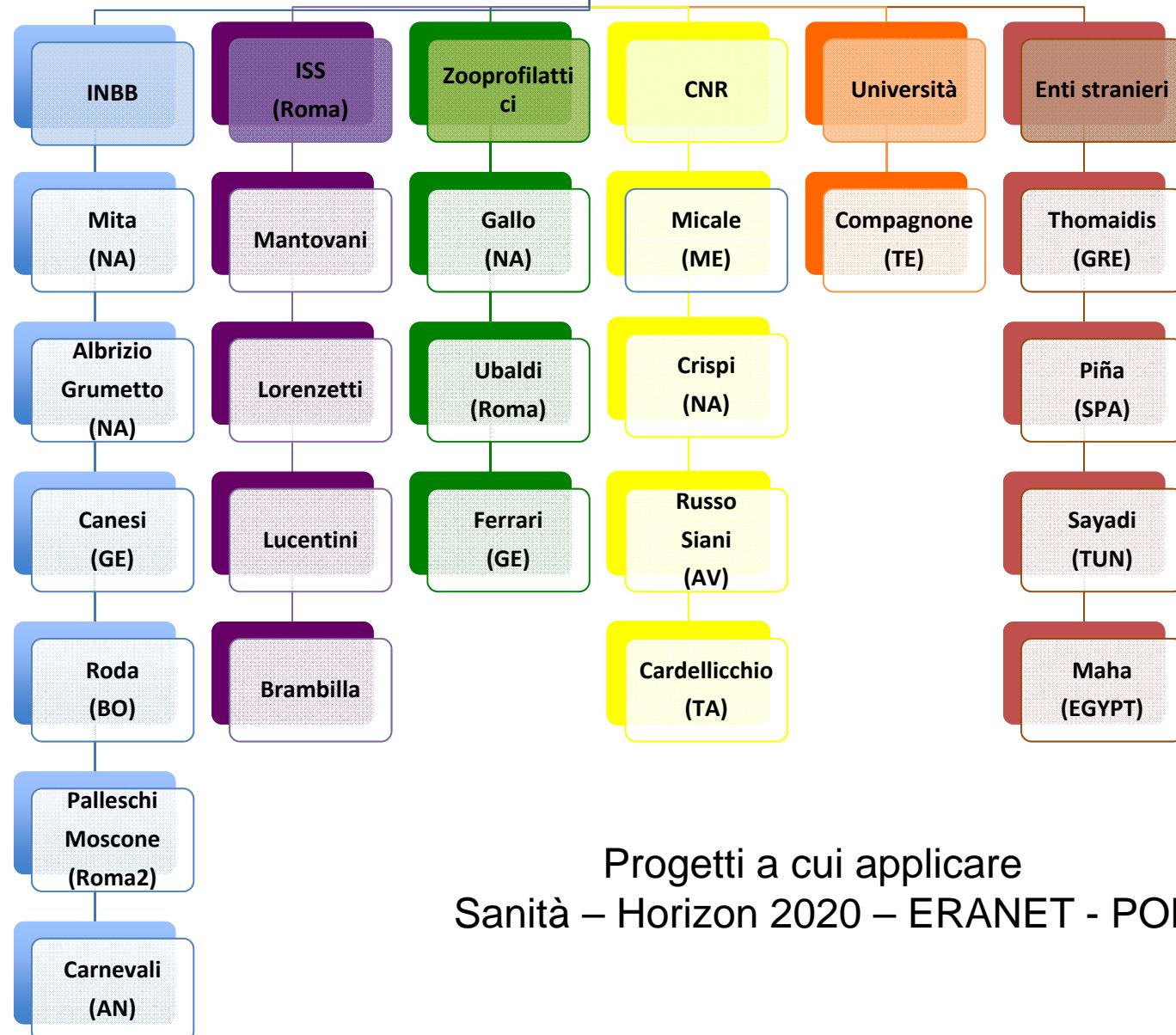


↑ Cell proliferation

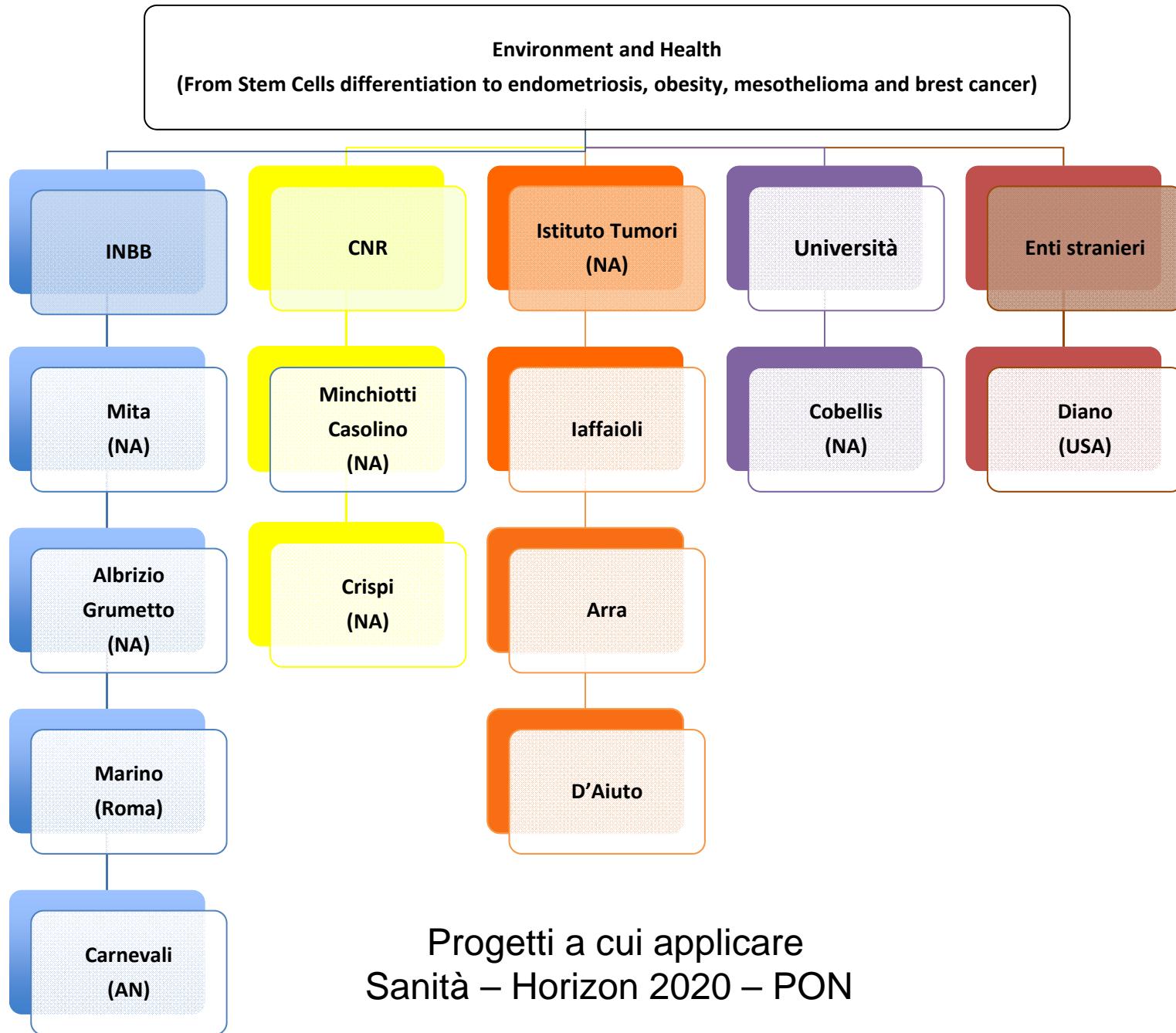


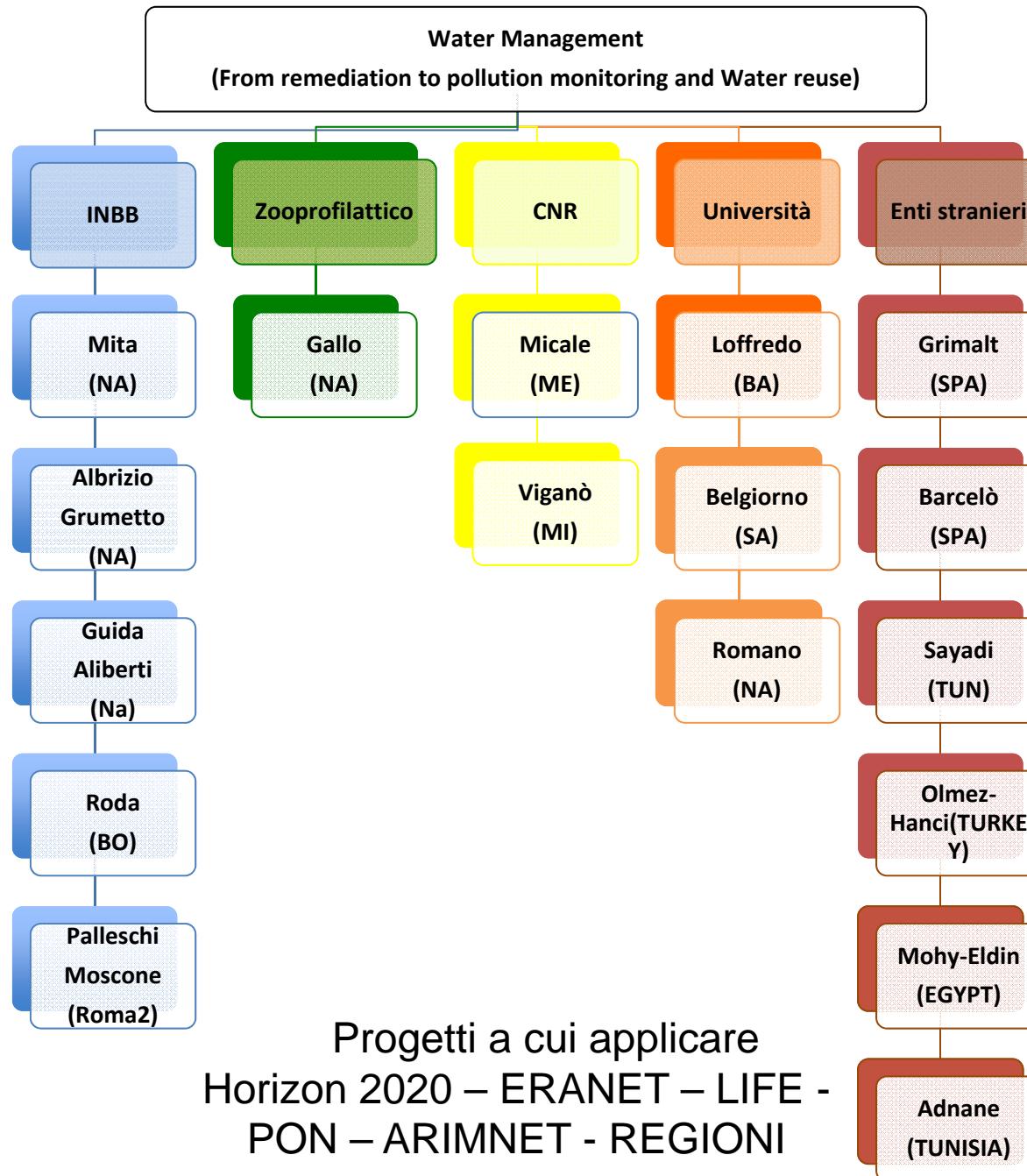
Robotized system (screening IE)

Food Safety and Risk Assessment
(From analytical approach to direct risk assessment)

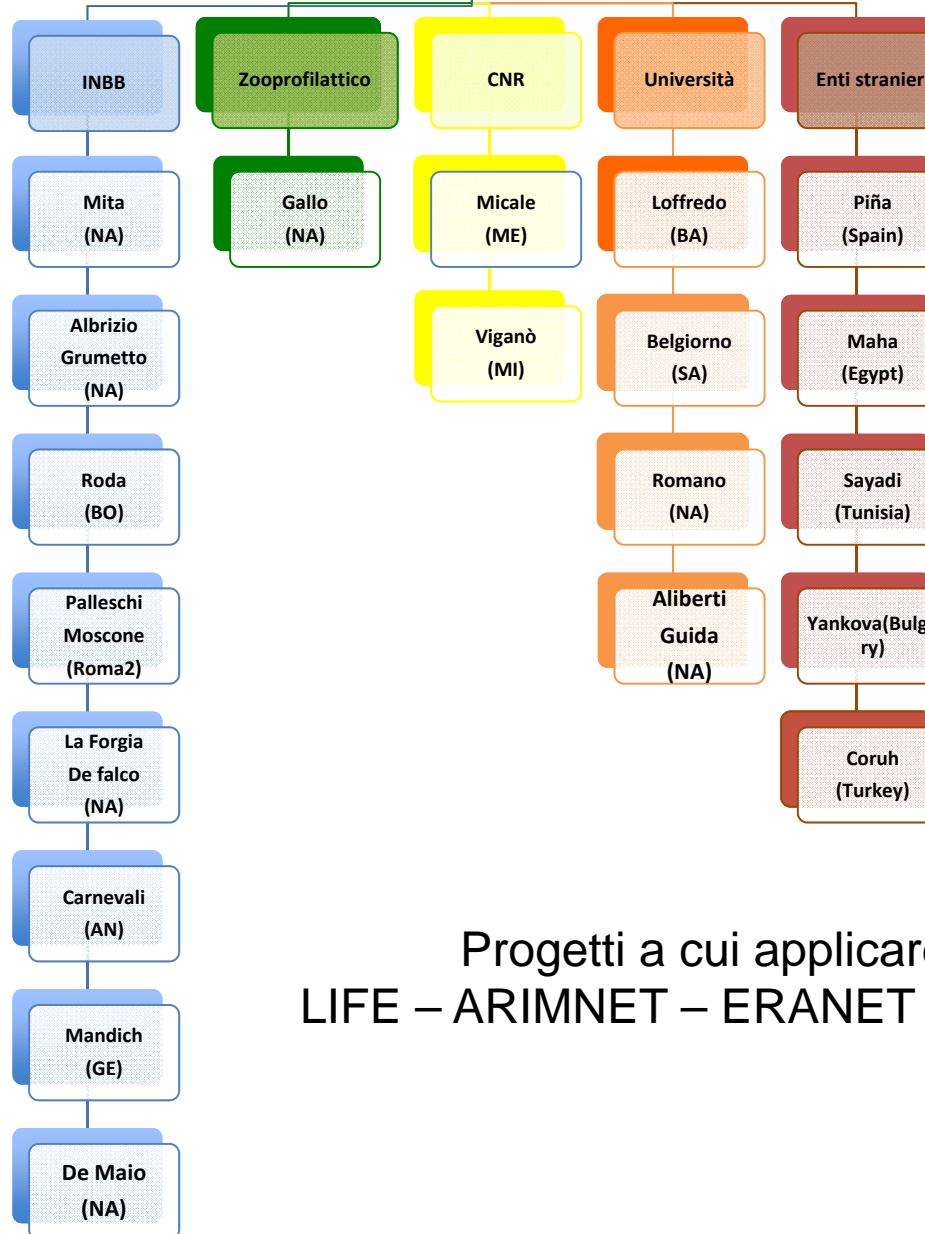


**Progetti a cui applicare
Sanità – Horizon 2020 – ERANET - PON**





Mediterranean Basin
(From pollution recognition to biodiversity preservation)



Progetti a cui applicare
LIFE – ARIMNET – ERANET - ENPI