

I 30 ANNI DELLA FONDAZIONE ORLANDO ARLOTTI

Sabato 09 Novembre 2019

Effetti diretti dell'ormone della crescita sui condrociti umani:
modulazione da parte del leukemia inhibitory factor

Maria Chiara Zatelli

UO Endocrinologia e Malattie del Ricambio

Cosa mi ha permesso di fare il
supporto della Fondazione
Orlando Arlotti?

Cedars Sinai Medical Center

Los Angeles, California (USA)

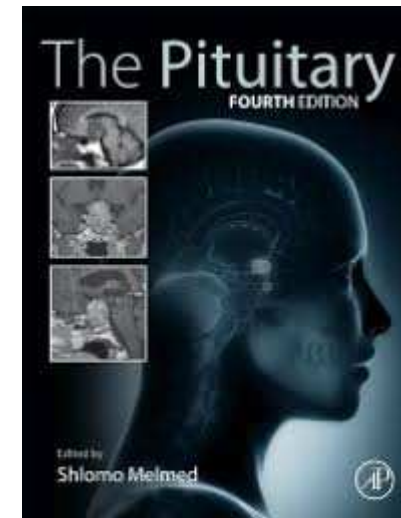
Novembre 1998 – Aprile 2000



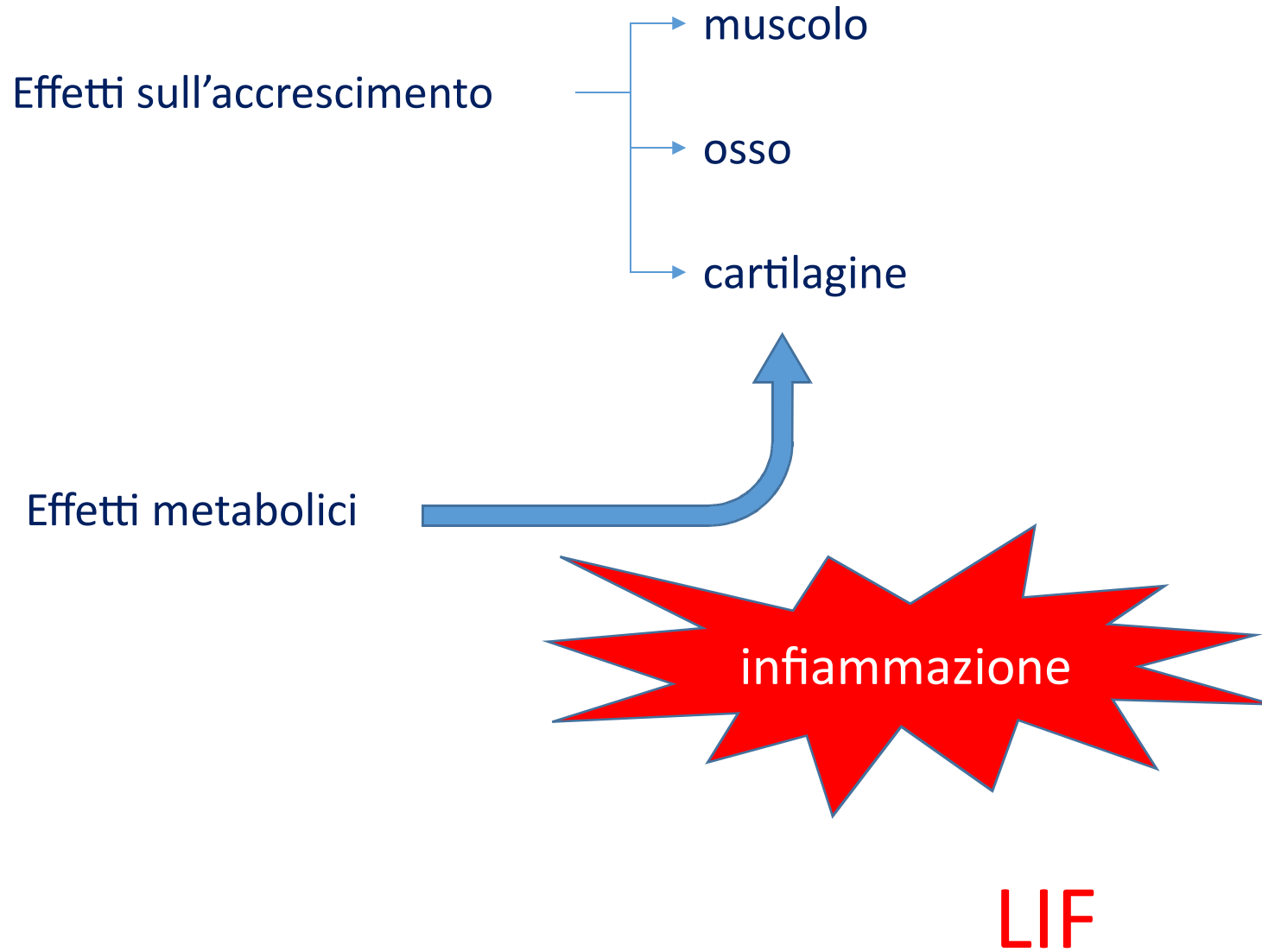
Prof Ettore degli Uberti



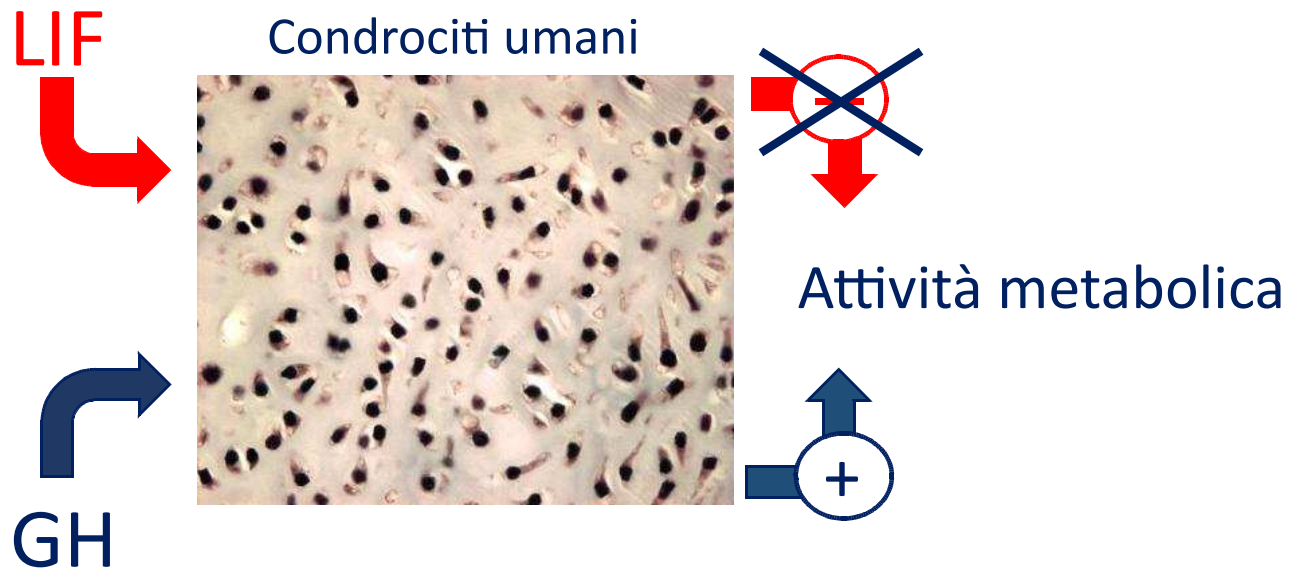
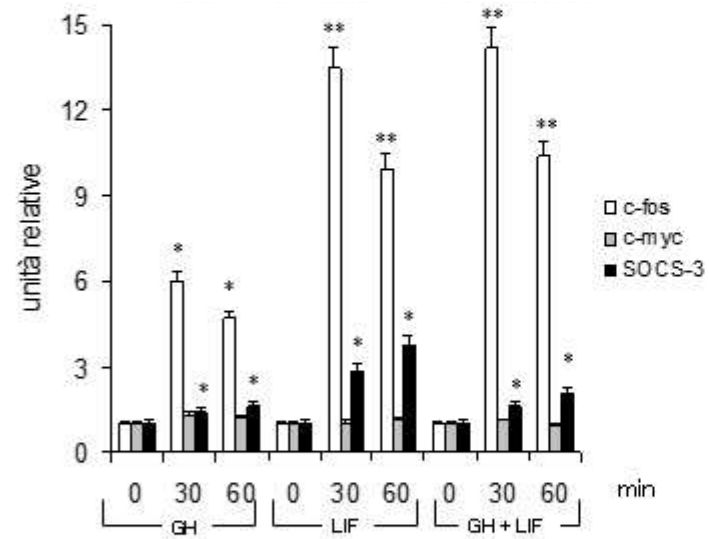
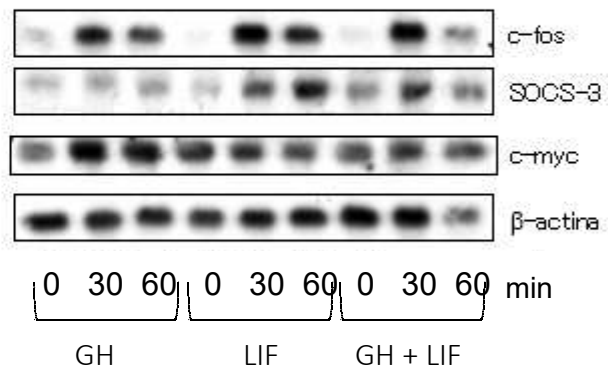
Dr Shlomo Melmed

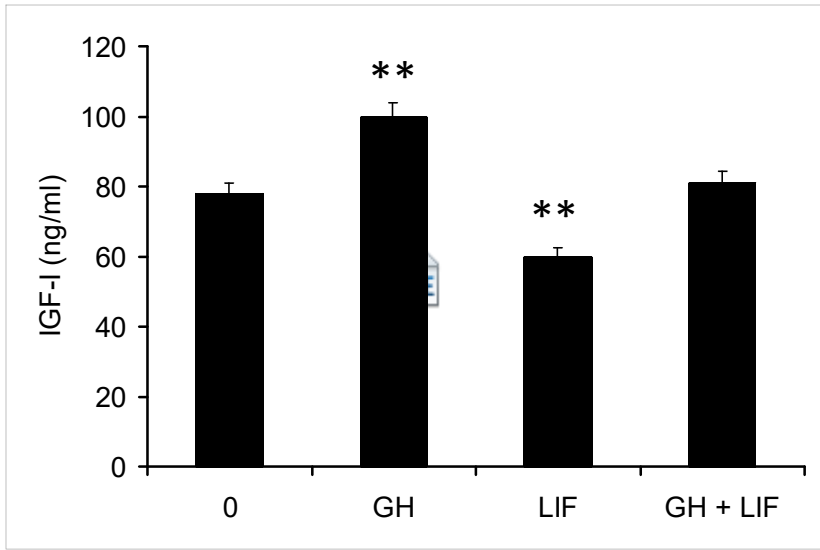


Ormone somatotropo

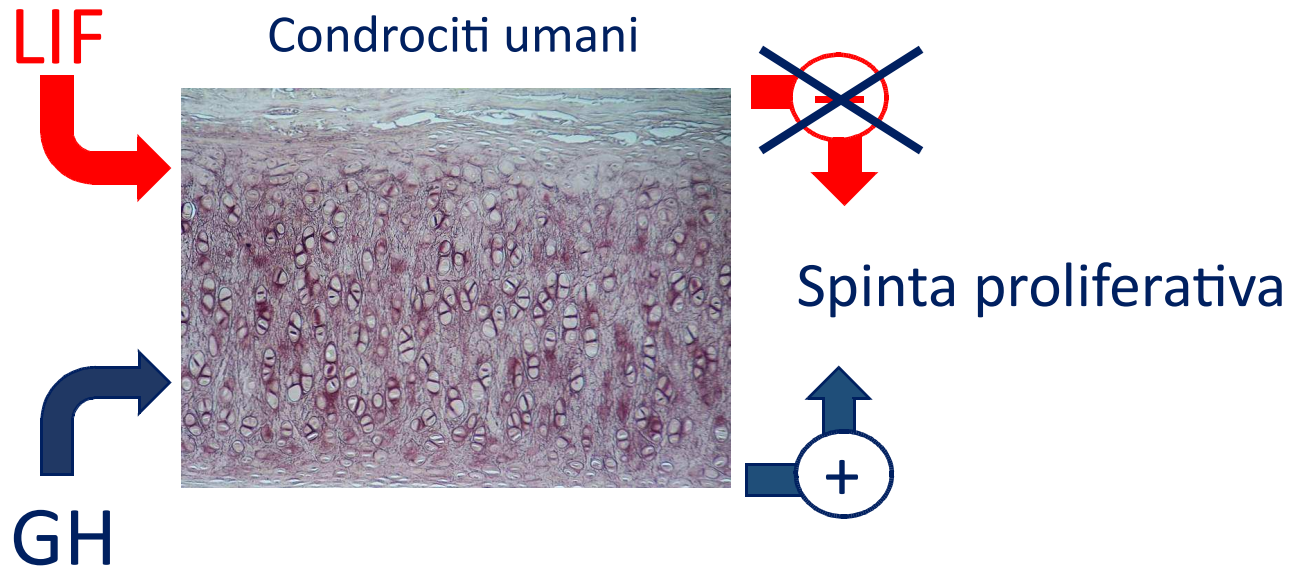


Ormone somatotropo





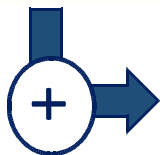
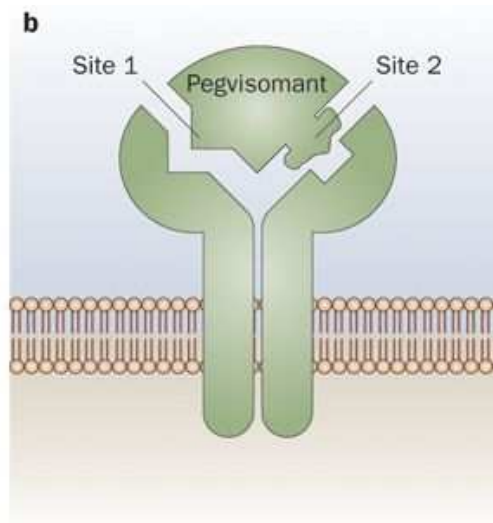
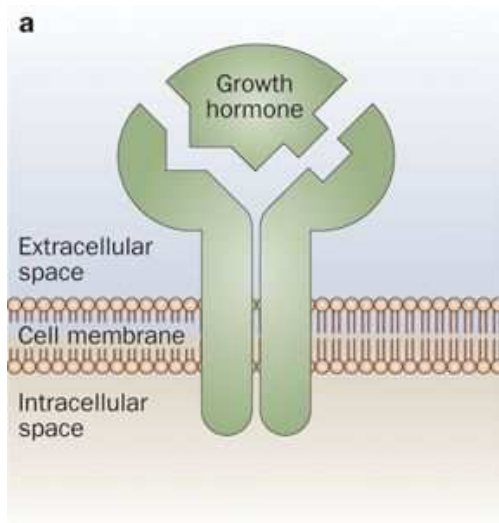
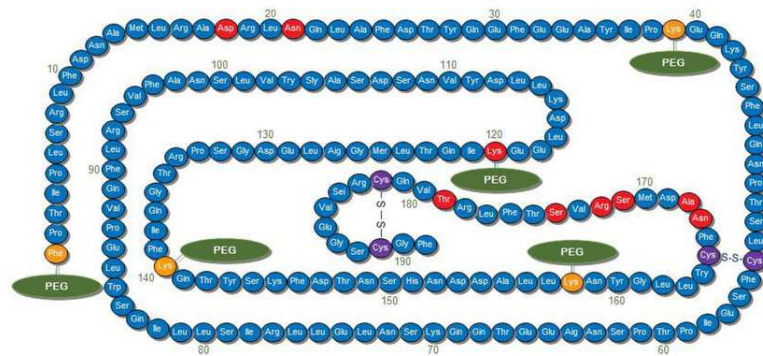
GH protettivo
Flogosi dannosa



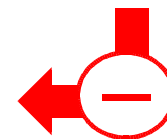
GH protettivo !!

danni da
flogosi

danni da
farmaci
citotossici



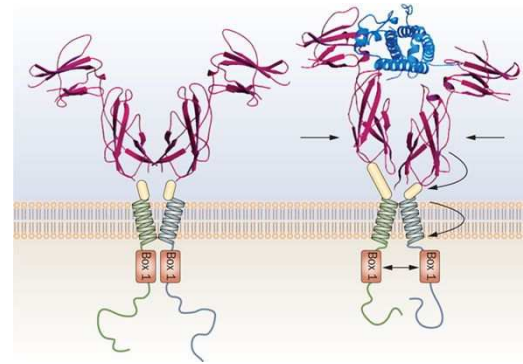
azione biologica



Growth Hormone Excess Promotes Breast Cancer Chemoresistance

Maria Chiara Zatelli, Mariella Minoia, Daniela Molè, Valentina Cason, Federico Tagliati, Angelo Margutti, Marta Bondanelli, Maria Rosaria Ambrosio, and Ettore degli Uberti

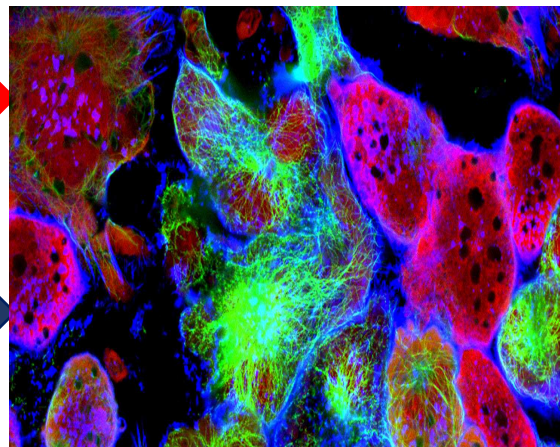
J Clin Endocrinol Metab, October 2009, 94(10):3931–3938 jcem.endojournals.org 3931



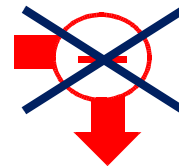
Doxo



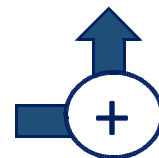
Ca mammario



GH



Spinta proliferativa



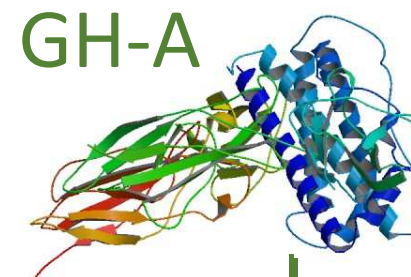
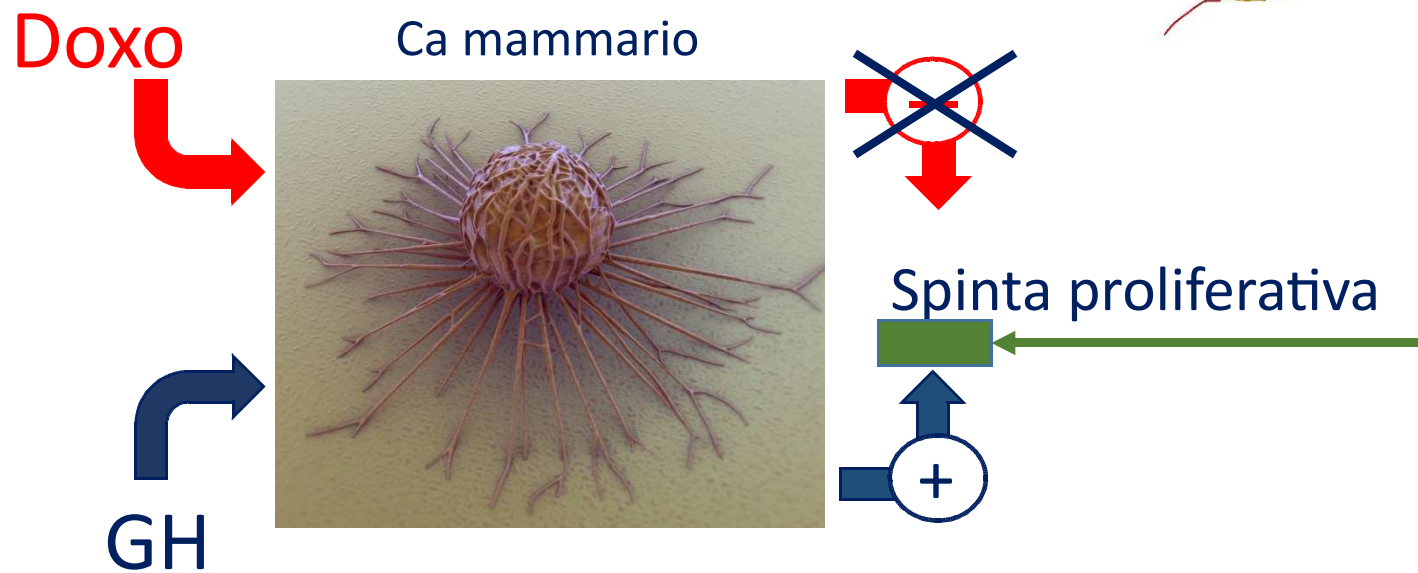
Ridotta risposta alla chemioterapia

Growth Hormone Receptor Blockade Inhibits Growth Hormone-Induced Chemoresistance by Restoring Cytotoxic-Induced Apoptosis in Breast Cancer Cells Independently of Estrogen Receptor Expression


Mariella Minoia, Erica Gentilin, Daniela Molè, Martina Rossi, Carlo Filieri, Federico Tagliati, Alessandra Baroni, Maria Rosaria Ambrosio, Ettore degli Uberti, and Maria Chiara Zatelli



Section of Endocrinology (M.M., E.G., D.M., M.R., C.F., F.T., M.R.A., E.d.U., M.C.Z.), Department of Biomedical Sciences and Advanced Therapies, and Laboratorio in Rete del Tecnopolo "Tecnologie delle Terapie Avanzate" (E.G., E.d.U., M.C.Z.), University of Ferrara, 44121 Ferrara, Italy; and Pfizer Italia s.r.l. (A.B.), 00188 Roma, Italy

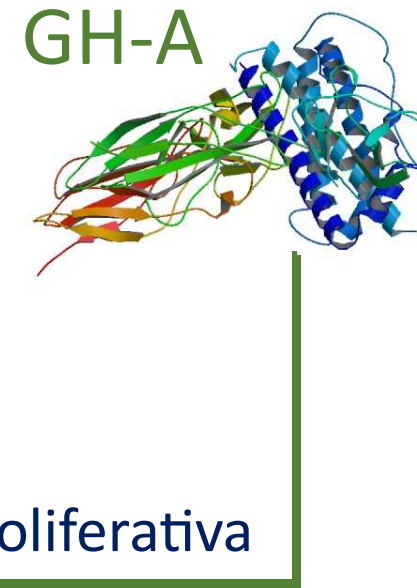
J Clin Endocrinol Metab, June 2012, 97(6):E907–E916 jcem.endojournals.org E907



Growth Hormone differentially modulates chemoresistance in human endometrial adenocarcinoma cell lines

Erica Gentilin¹ · Mariella Minoia¹ · Marta Bondanelli¹ · Federico Tagliati¹ · Ettore C. degli Uberti^{1,2} · Maria Chiara Zatelli^{1,2} 

Doxo

GH




CHEMIORESISTENZA

in
neoplasie endocrine
ed
endocrino-relate

NEN

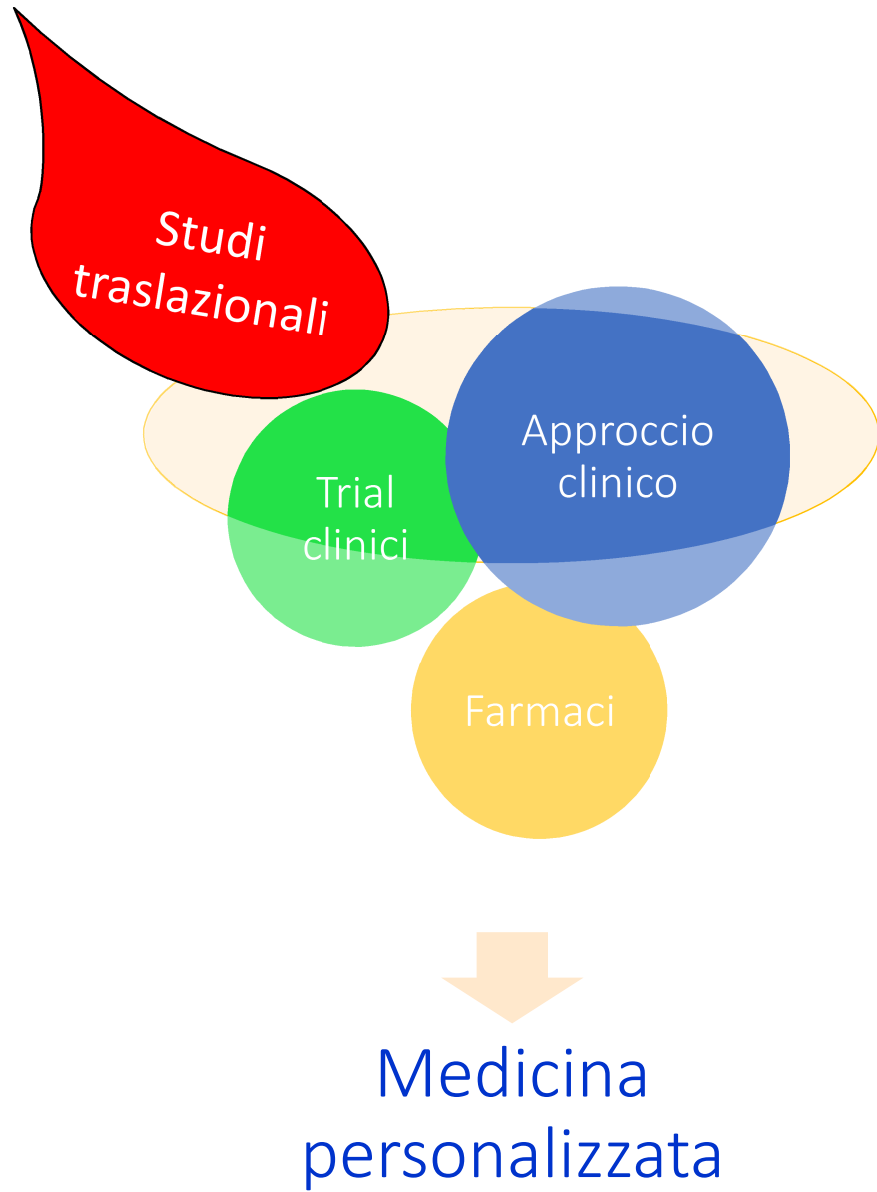
Ca del surrene

MTC

PitNET



"What is the meaning of life?
Do you mean in vitro or in vivo?"





Grazie per l'attenzione