



LABORATORIO DI CHIMICA FARMACEUTICA



- Prof.ssa F. Belluti
- Prof.ssa A. Bisi
- Prof.ssa S. Gobbi

ARGOMENTI DI TESI



MALATTIE
NEURODEGENERATIVE



ANTITUMORALI



MALATTIE
PARASSITARIE

ARGOMENTI DI TESI



MALATTIE
NEURODEGENERATIVE



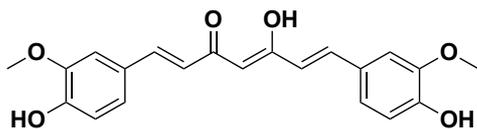
MALATTIE
PARASSITARIE



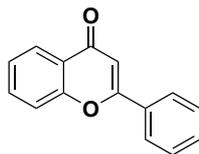
ANTITUMORALI

1. STRATEGIA DI DRUG DISCOVERY

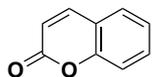
SCAFFOLD NATURALI



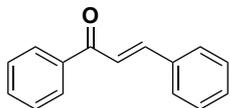
Curcumina



Flavone

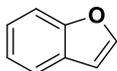


Cumarina

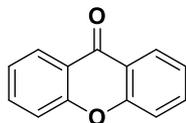


Calcone

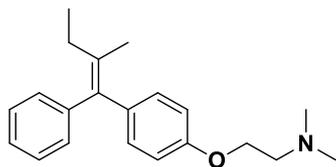
SCAFFOLD SEMI-SINTETICI



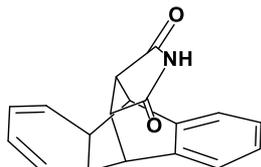
Benzofurano



Xantone



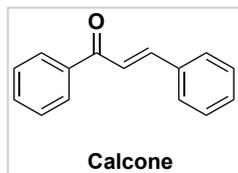
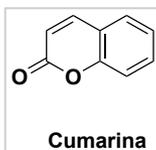
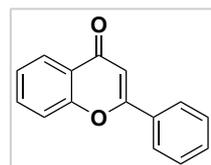
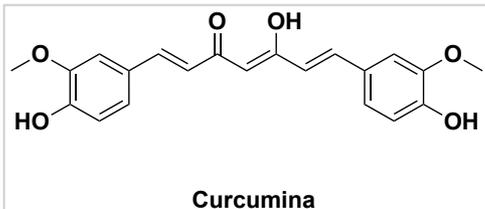
Tamoxifene



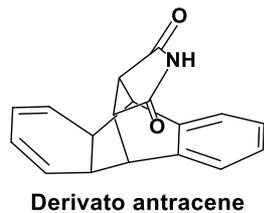
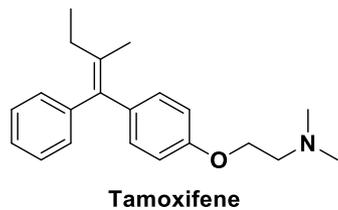
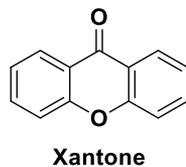
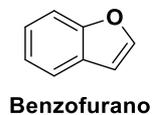
Derivato antracene

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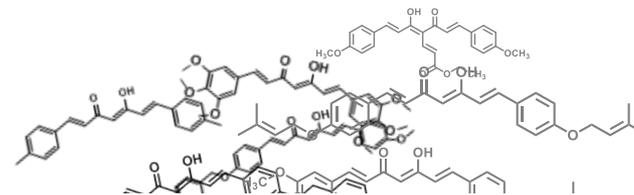
SCAFFOLD NATURALI



SCAFFOLD SEMI-SINTETICI



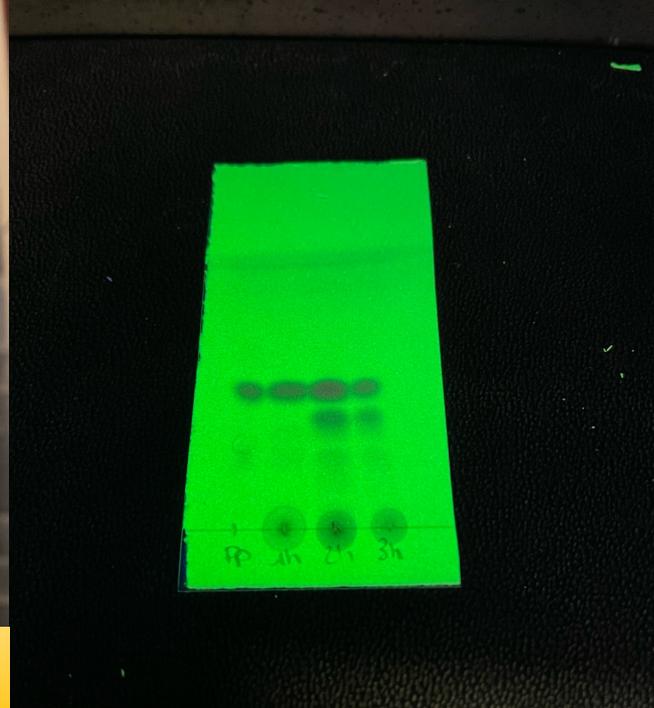
Small library



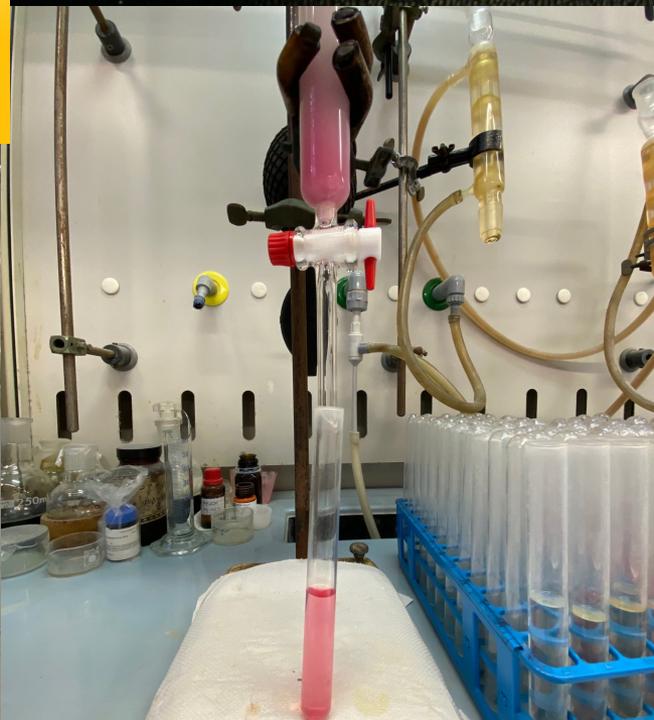
HIT COMPOUNDS

2. SET UP DI REAZIONE

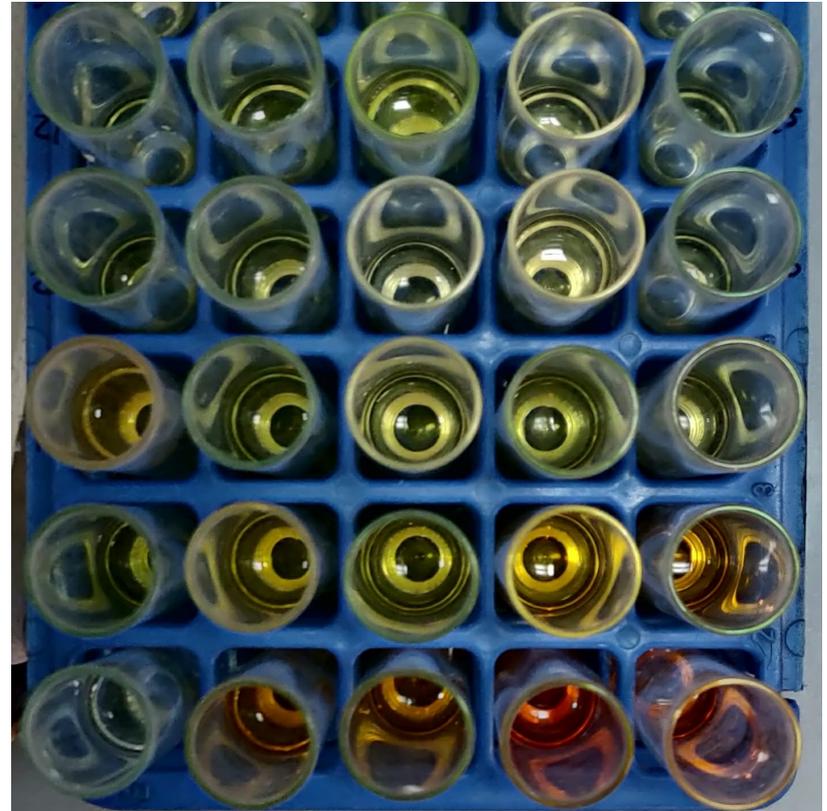
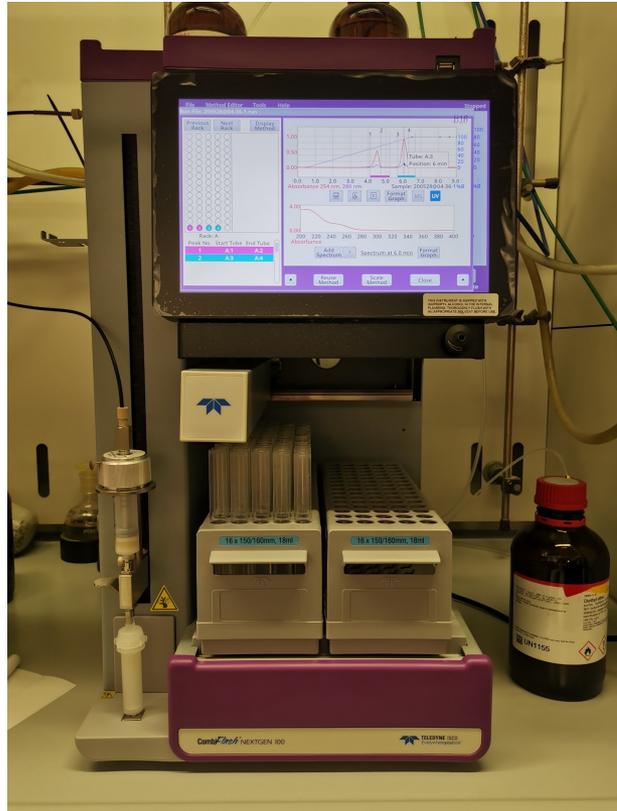




3. WORK UP E PURIFICAZIONE



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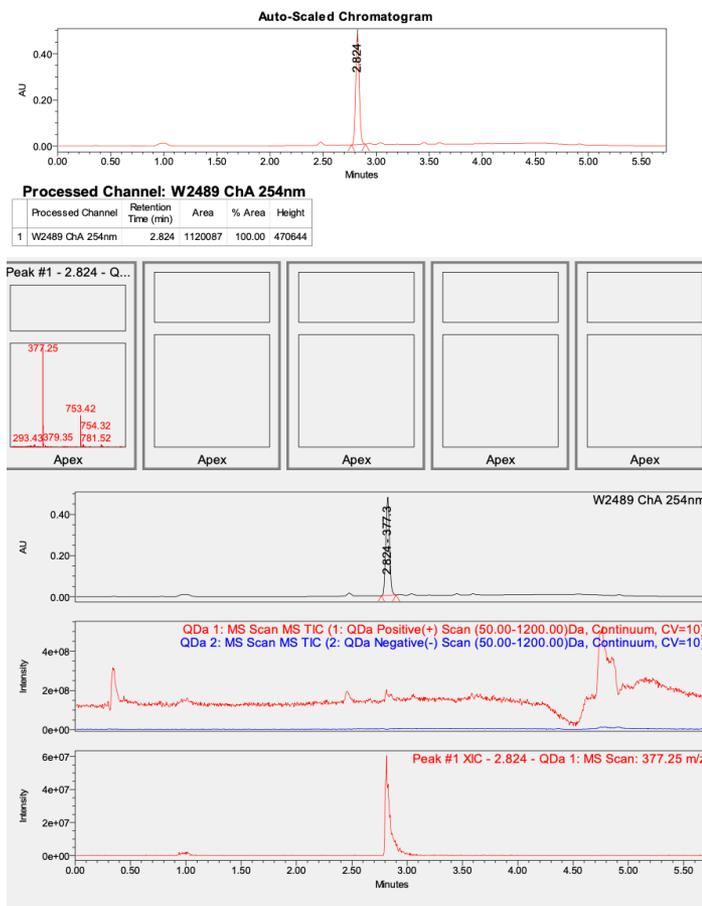
4. CARATTERIZZAZIONE



UPLC-MASS
SPECTROMETRY



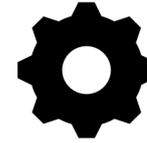
NUCLEAR MAGNETIC
RESONANCE SPECTROSCOPY



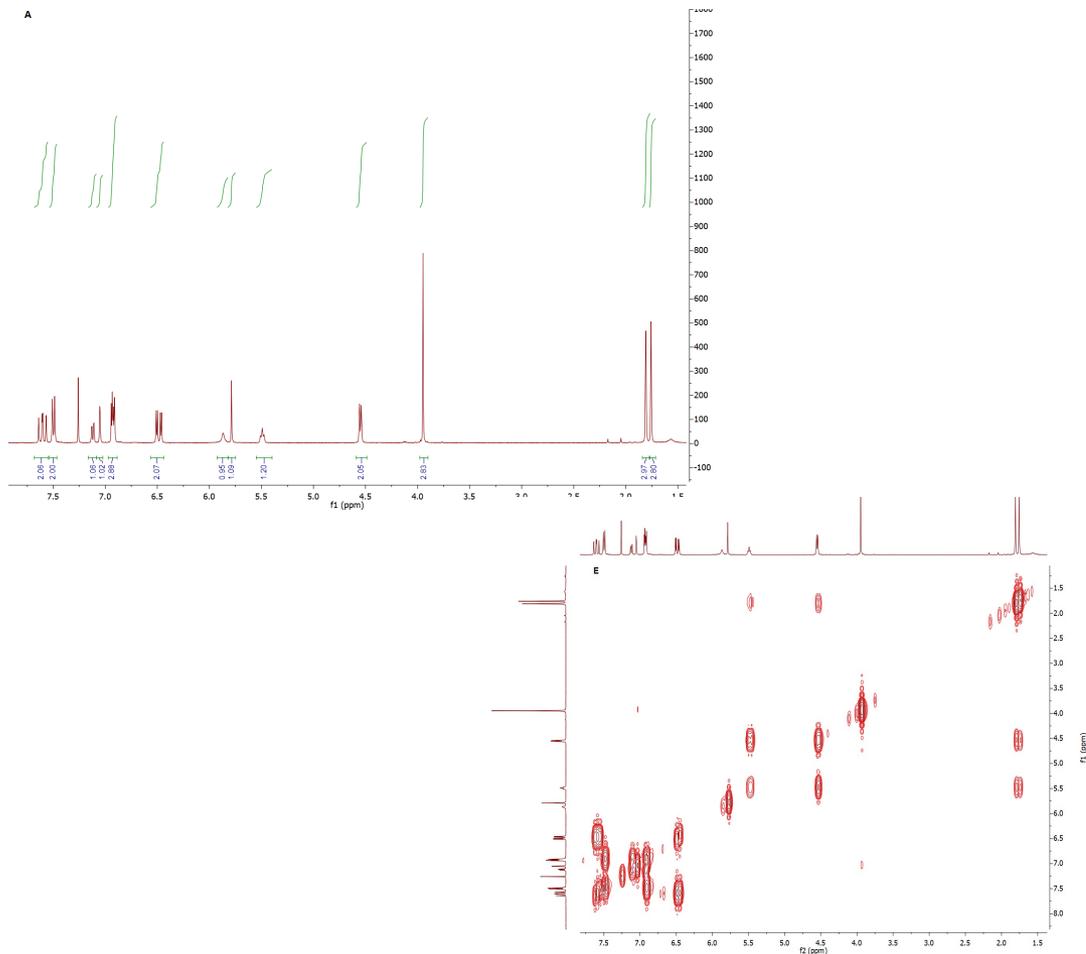
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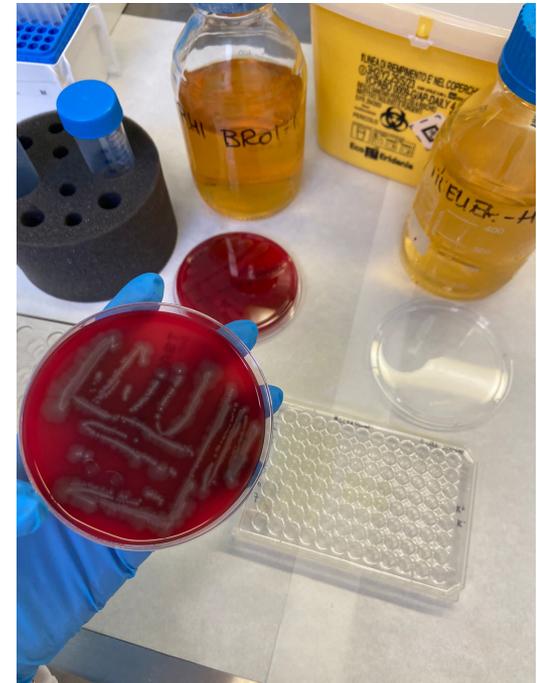
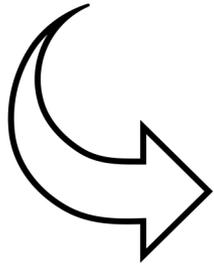
UPLC-MASS
SPECTROMETRY



NUCLEAR MAGNETIC
RESONANCE SPECTROSCOPY



5. SAGGI BIOLOGICI





VIVERE IL LABORATORIO

- Gestione del laboratorio
- Collaborazione
- Costanza
- Passione
- Attenzione

e...





PAZIENZA

TIPOLOGIE DI TESI PROPOSTE

TESI SPERIMENTALE

Sviluppo di un proprio progetto



circa 6 mesi

TESI PRATICO PROFESSIONALE

Sviluppa competenze pratiche lavorando su progetti già portati avanti nel laboratorio



circa 2 mesi

INFORMAZIONI UTILI



Esami consigliati: Chimica Farmaceutica e Tossicologica, Analisi dei medicinali e prodotti per la salute II, Fitofarmaceutica: dalla natura al farmaco



Possibilità di dare esami durante la tesi



Entrata in tesi in base all'ordine di prenotazione

CONTATTI

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