

UNIVERSITA' DEGLI STUDI DI MILANO – BICOCCA
Scuola di Scienze



Argomenti di tesi

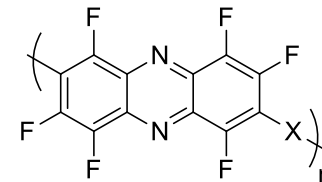
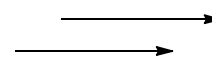
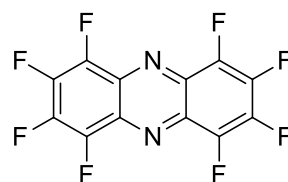
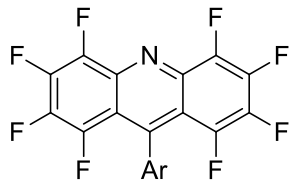
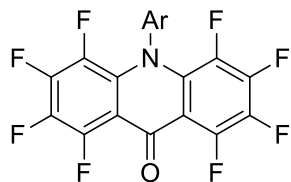
Prof. Antonio Papagni

Collaboratori:

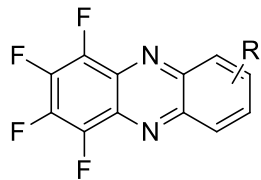
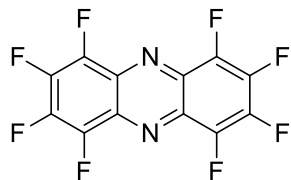
Dr. Luca Vaghi, Ph.D. ; Dr. Ivan Andreosso, Dr Mauro Monti, Dr Vito De Bellis

Organic Electronics

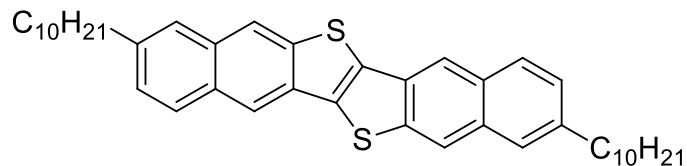
Synthesis of Type-n Organic Semiconductors



X: S, S=O, N=N

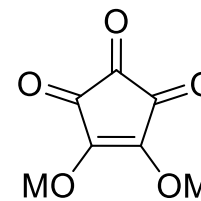


Synthesis of Type-p Organic Semiconductors



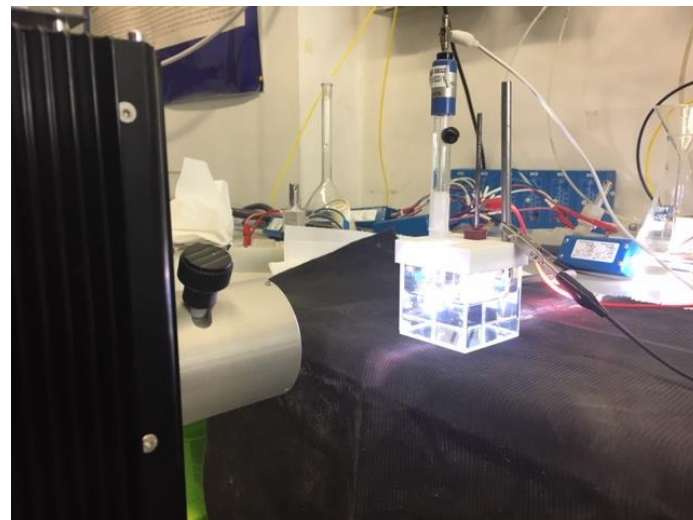
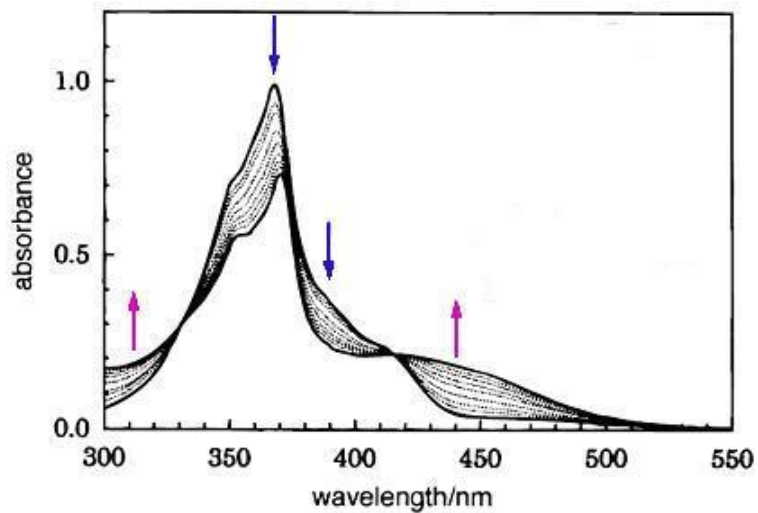
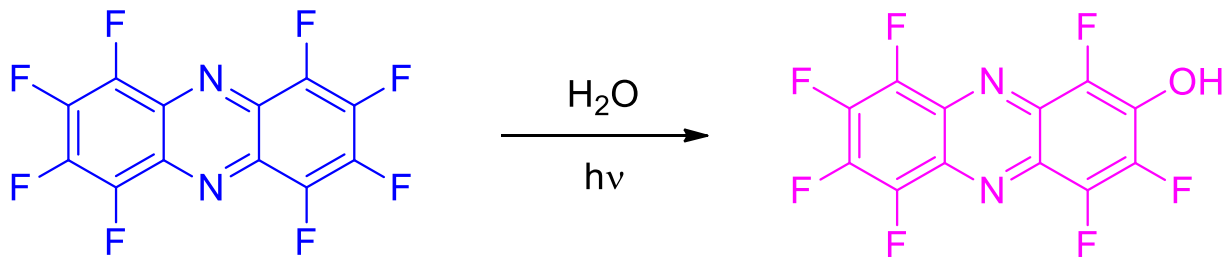
DNTT derivatives

Synthesis of croconate derivatives for metal ions batteries



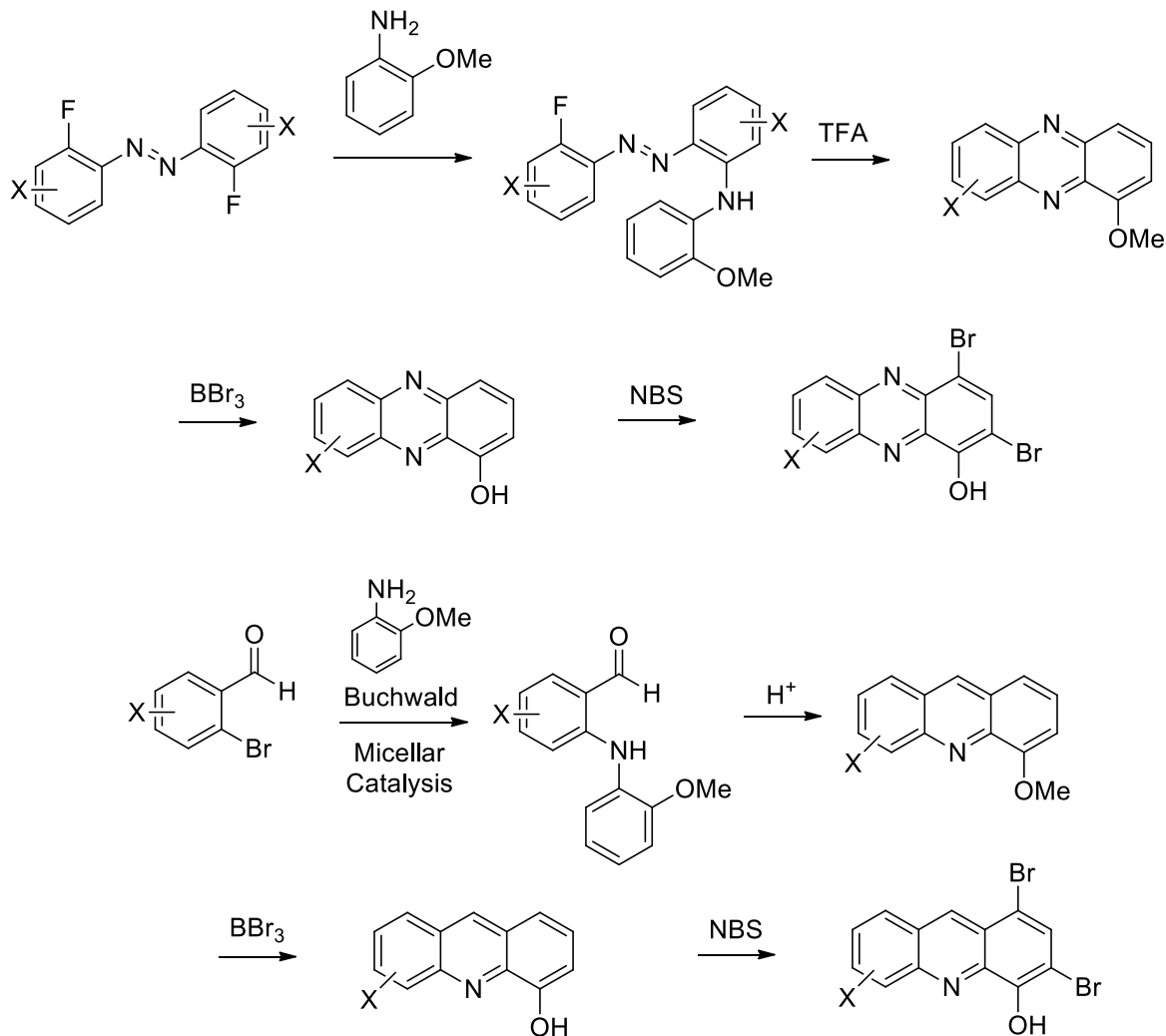
M = Transition Metal,
Alkali Metals

Photo-oxidation of water



In collaboration with professor Riccardo Ruffo

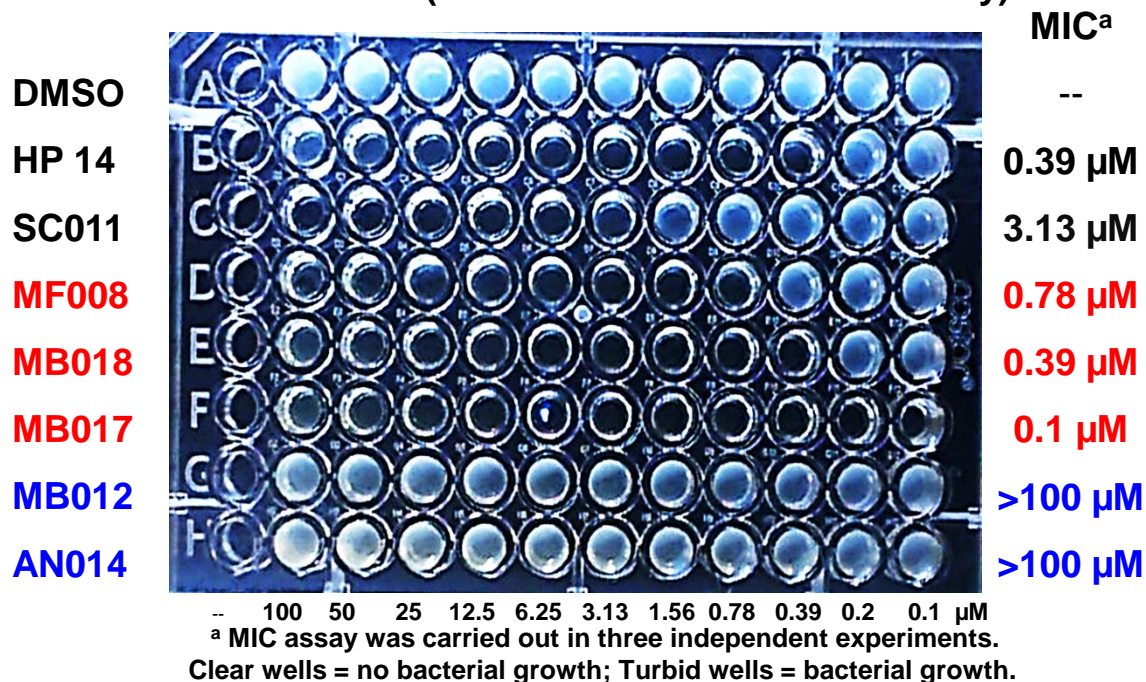
Synthesis of 1-hydroxyphenazine and 4-hydroxyacridines against resistant bacteria



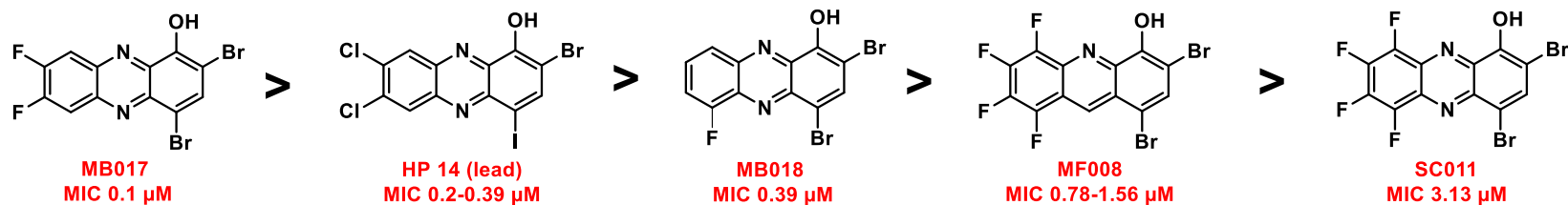
In collaboration with professor Luca Beverina and Robert W. Huigens III , University of Florida

Antibacterial Assay against *S. aureus* BAA 1707

S. aureus BAA 1707 (96-well microdilution MIC assay)



Active



Inactive

