

## LA RICERCA FARMACOGNOSTICA: ALESSANDRA RUSSO

### A) INFORMAZIONI PERSONALI

NOME	Alessandra	E-mail	ales0303@libero.it
COGNOME	Russo		alrusso@unict.it
POSIZIONE	Professore Associato non confermato		

### B) AFFILIAZIONE

ISTITUZIONE	Università degli Studi di Catania	Web: http://	
LABORATORIO		Web: http://	
INDIRIZZO	Dip. Chim. Biol. Chim. Med. e Biol. Mol. V.le a. Doria 6, 95125 Catania		
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### C) COMPONENTI DEL GRUPPO DI RICERCA

#### Team leader

1	Prof.ssa Alessandra Russo	Prof.ssa Venera Cardile
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#### Others

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### D) LINEE DI RICERCA

The research activity is directed to characterize the biological activity and the mechanisms of action of natural products derived from medicinal or edible plants, and involved different fields of interest:

1. *Biological activity and mechanisms of action of vegetable drugs used in the traditional medicine;*
2. *Nutraceutical compound effect on the oxygen toxicity in different biological systems and physiopathologic conditions;*
3. *Beneficial effects of Mediterranean nourishments;*
4. *Natural compounds and chemotherapy;*
5. *Genotoxicity of polycyclic aromatic hydrocarbons in infertility: effect of natural compounds;*
6. *Toxicity of mycotoxins: effects of natural compounds;*
7. *Molecular mechanisms involved in the ethanol toxicity;*
8. *Relation between Apoptosis, Heat Shock proteins and natural compounds.*

### E) TECNOLOGIE

Spectrophotometry and fluorimetry, cell cultures, electrophoresis, western blotting.