

LA RICERCA FARMACOGNOSTICA: CLARA CIRCOSTA

A) INFORMAZIONI PERSONALI

NOME	CLARA	E-mail	circosta@pharma.unime.it
COGNOME	CIRCOSTA		
POSIZIONE	PROFESSORE ASSOCIATO		

B) AFFILIAZIONE

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C) COMPONENTI DEL GRUPPO DI RICERCA

Team leader

1	Prof. Clara Circosta	
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Others

2	Dott.ssa Dora Rita Palumbo	
3	Dott.ssa Annalisa Pino	
4	Dott.ssa Stefania Samperi	

D) LINEE DI RICERCA

Analytical and biological characterization of extracts and isolated compounds from medicinal plants.

Evaluation of the estrogenic activity of plants extracts used in traditional medicines for women's health to prevent menopausal symptoms using ovariectomy (OVX) and ovariectomy with phytoestrogen replacement in female rats to mimic postmenopausal changes. The effects of estrogen deprivation are tested on bone loss, skin changes, memory and neuronal loss.

Cell culture models are used to evaluate whether phytoestrogenic treatment increases the survival of neurons when exposed to a variety of insults.

E) TECNOLOGIE

Extractives; chromatographics; spectrometrics; microscopics; cell culture; animal models.