

## CURRICULUM VITAE

### INFORMAZIONI PERSONALI/ PERSONAL INFORMATION

Nome, Cognome/Name, Surname	Daniela Zane
Indirizzo/Address Via, numero civico, c.a.p., città, nazione/ House number, street name, postcode, city, country	P.le A. Moro, 5 c/o Dip. Di Chimica, Edificio Caglioti. 00161 Roma, Italy
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Sito web/Website	
Nazionalità/Nationality	<b>Italian</b>
Luogo e data di nascita/ Place and Date of birth	<b>Rome, 03/08/1959</b>

### ESPERIENZA PROFESSIONALE /WORK EXPERIENCE

Se dipendente CNR indicare:	<b>N. MATRICOLA 1841 QUALIFICA RICERCATORE LIVELLO III</b>
In ordine di data /Dates (from – to)	1996-
Nome e indirizzo del datore di lavoro / Name and address of employer	CNR P.le Aldo Moro, 7. 00185 Rome-Italy
Tipo o settore di attività / Type of business or sector	Sensors and biosensors for food, clinical and enviromental applications
Funzione o posto occupato / Occupation or position held	Researcher at CNR . Istituto per lo Studio dei Materiali Nanostrutturati
Principali mansioni e responsabilità / Main activities and responsibilities	

### AWARDS

2012 Habilitation as Associate Professor in Teaching of Chemistry S.S.D. CHIM / 07 - Chemical fundamentals for technologies. Engineering Bachelor Degree (Italian Ministry for Research)

## **ISTRUZIONE E FORMAZIONE / EDUCATION AND TRAINING**

In ordine di data /Dates (from – to)	1993-1994 Fellowship at CNR c/o University of Rome “La Sapienza” : Characterization and preparation of new cathodic materials and electrolytic solutions for rechargeable lithium devices
[Iniziare con le più recenti ed elencare separatamente ciascun corso frequentato con successo/ Add separate entries for each relevant course you have completed, starting with the most recent. ]	1989-1993 PhD Thesis: Study of Titanium/Titanium oxide and Iron/Iron oxide systems by new electrochemical techniques
	1988-89 Fellowship at University of Rome “La Sapienza” : Synthetical Polymers made haemo-compatible by innovative heparines.
	1988 Master degree in Chemistry : Thesis: Physico Chemical Properties of Poly-thiophenes and their Applications in Electrochemical Devices under the supervision of Prof. B Scrosati
Nome e tipo d'istituto di istruzione o formazione / Name and type of organisation providing education and training	PhD at University of Rome “la Sapienza” Italy Master degree at University of Rome “la Sapienza” Italy.
Principali materie e competenze professionali apprese / Principal subjects occupational skills covered	Development of Sensors and Biosensor systems, Electrochemical (bio)sensors - Study of natural iron chelating agents for possible applications in nutraceutics -Rechargeable lithium batteries: all components are studied in term of electrochemical performances and chemico physical characterization. PEO -Segmented polyurethenes used in biomedical applications and their modification to improve their haemocompatibility
Certificato o diploma ottenuto /Title of qualification awarded	1993 PhD in Chemical Sciences 1988 Master Degree in Chemistry 1978 Classical High School Diploma
Livello nella classificazione nazionale o internazionale / Level in National classification	

## **ATTIVITA' DI RICERCA / RESEARCH ACTIVITIES**

Attuali campi di ricerca / Research sectors	c)Sensors and biosensors fabrication. Particular attention devoted to electrodic materials, in particular electrosynthesized polimers and nanomaterials, and to the obtained performances in terms of stability, using ease and sensitivity. Particularly, during the last years, a study of impedimetric biosensors and their applications has been started in order to realize sensors and biosensors with high performances .
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Recenti attività scientifiche/ Recent Scientific Activities.

**INCARICHI DIDATTICI /  
TEACHING AND ACADEMICAL  
ACTIVITIES**

The actual research activity focused on development of:

- Study of natural iron chelating agents for possible applications in nutraceuticals
- Sensors and biosensors for detections of analytes of interest in clinical field using electrochemical methods

-1999-2000 Lecturer for Chemistry of Materials II for Diploma Universitario in Scienza dei Materiali, University of RomaTre

-2000-2003 Assistant lecturer for General Chemistry of the degree courses for Engineering Faculty of University Sapienza of Rome.

AA 2013/2014 charged with teaching of General Chemistry of the degree course in Engineering (University RomaTre of Rome).

She co-ordinates and supervises the experimental thesis work of last-year graduating students of the courses of Chemistry, Industrial Chemistry and Chemistry and Pharmaceutical Technology and PhD students.

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