

Rosanna Ciriello received the degree in Chemistry on November 1995 with valuation 110/110 cum laude (Thesis: “Electrosynthesis and study of permselective films for the development of amperometric specific sensors”) at the University of Basilicata, Potenza Italy. During her studying she spent the period September – December 1992 at the University of St. Andrews (Scotland) as Erasmus Student.

From November 1996 to November 1999, she attended the doctoral school in Chemistry (XII Cycle) at the University of Basilicata, carrying out part of the research activity at the Electrochemistry Laboratory of the University of Southampton (England) under the supervision of Prof. P.N. Bartlett (March 1999 - June 1999). She received the Ph.D degree in Chemistry on February 2000 (Thesis: “Novel methods of electrodes modification for biomolecules immobilization and the realization of advanced electrochemical sensors”). Other academic position: postdoctoral fellow at the Chemistry Department of University of Basilicata for three years (January 2000 - January 2003) within the research project “Realization and studying of novel electrochemical biosensors for the development of advanced analytical devices of clinical, food and environmental interest”. Presently, she is working as Assistant Professor of Analytical Chemistry at the University of Basilicata, Department of Sciences, since January 2005.

At the University of Basilicata (Faculty of Sciences, and then Department of Science), Dr Rosanna Ciriello has been teaching the following courses since 2002: *Analytical Chemistry I* (core, 6 credit points), *Laboratory of Analytical Chemistry I* (core, 6 credit points), *Analytical Chemistry II* (core, 6 credit points), *Laboratory of Analytical Chemistry II* (core, 6 credit points), *Instrumental Techniques in Analytical Chemistry* (optional, 6 credit points) for the Bachelor of Science in Chemistry; *Laboratory of Applied Analytical Chemistry* (core, 4 credit points), *Advanced Analytical Chemistry* (core, 10 credit points), *Advanced Analytical Chemistry Module B* (core, 5 credit points) for the Master of Science in Chemistry.

Her research activity mainly concerns the development of enhanced sensing devices for the detection of compounds of interest in food, biological and clinical fields. Her current research interests include: amperometric biosensors based on enzyme immobilization; electrosynthesis of novel conducting and insulating polymers with possible applications to organic batteries, sensors and electrochromic devices; characterization of modified electrodes and of their inner and outer interfaces by electrochemical, gravimetric (QCM) and spectroscopic techniques (XPS and AFM); size characterization of metal nanoparticles and their employment for the realization of layered structures on electrode surfaces.

She is author of about 70 contributions including publications on international scientific journals ISI, publication on book and communications at national and international conferences. She was involved in scientific collaborations with the Department of Mechanical Engineering Sciences, University of Surrey, Guildford, U.K. (Prof. James E. Castle). She acts from a long time as referee for the international journals “*Electrochimica Acta*”, “*Bioelectrochemistry*” and “*Analytica Chimica Acta*”.