

## SEM Council Members

### Name:

Rosa Aznar

### Council Role:

Representant of the *Colección Española de Cultivos Tipo* (CECT) - Spanish Type Culture Collection

### Employer or Institute:

University of Valencia, Spain

### Title:

Full Professor

Director of the CECT

### Main Areas of Study/Work:

Food safety. Molecular taxonomy. Functional food.



### Other Interests:

Member of the Scientific Council of the Institute of Agrochemistry and Food Technology (IATA) from the Spanish National Research Council (CSIC).

### Three Main or Most Recent Publications:

E Chenoll, MC Macian, P Elizaquivel, R Aznar. 2007. Lactic acid bacteria associated with vacuum-packed cooked meat product spoilage: population analysis by rDNA-based methods. *Journal of Applied Microbiology* 102:498-508

P Elizaquivel, R Aznar. 2008. A multiplex RTi-PCR reaction for simultaneous detection of *Escherichia coli* O157:H7, *Salmonella* spp. and *Staphylococcus aureus* on fresh, minimally processed vegetables. *Food Microbiology* 25:705-713

P Elizaquivel, G Sánchez, R Aznar. 2012. Application of propidium monoazide quantitative PCR for selective detection of live *Escherichia coli* O157:H7 in vegetables after inactivation by essential oils. *International Journal of Food Microbiology* 159:115-121

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### Keywords:

PCR in food: qPCR, PMA-qPCR, RAPD-PCR, ISR-PCR. Detection of foodborne pathogens. LAB biodiversity. LAB exopolisaccharides