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Author: please ensure that all genes are italicised but corresponding proteins are not.

Short title: PONs activities in follicle maturation

Paraoxonase activities in human follicular fluid: role in follicular maturation

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Key message

Intrafollicular paraoxonase (PON) activities are higher in large follicles compared with small ones in women undergoing ovarian stimulation, indicating that PONs activities may increase during follicle maturation. The activity of PON3 was higher in follicles from fertile women than from patients, thus suggesting the involvement of the enzyme in fertility.



Author biography

Dr Ruiz-Larrea is Professor of the Department of Physiology in the Basque Country University. She works in the field of free radicals and oxidative stress in human pathophysiology, and leads a research group (FROST) in this area. One of her major interests involves free radicals in reproduction, particularly in infertility.

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