

Update on biomarkers of oxidative stress: definitions, analytical validation and application

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DESCRIPTION

The idea for this workshop is:

1. to give a brief explanation on antioxidants and oxidants compounds and the balance between them,
2. to summarize the oxidative stress condition and the damage caused by it,
3. to talk about the importance of analytical validation for the measurement of biomarkers of oxidative status in animals' samples, and guide briefly how to perform it, focusing on spectrophotometric techniques,
4. to discuss about the different applications of the diverse biomarkers of oxidative status developed in the last years for animals' samples.
5. Journal club

STRUCTURE OF THE WORKSHOP (maximum 4 hours)

Part 1 and 2: 1 hour



ISEAS

International Society of
Education in
Animal Sciences

Part 3 and 4: 2 hours

Part 5: 1 hour

DATE AND TIME: 8th May 2024 at 12.30pm (exact date TBA on Facebook and Twitter)

PRICE: 5€ for ISEAS members

PLATFORM: ZOOM (link and password will be sent to participants' email before the workshop)

