

List of papers

**1. The natural history of oxidative stress** ([David Costantini](#))

Costantini et al. 2010

[Functional Ecology 2010, 24, 950–959](#)

From molecules to living systems: historical and contemporary issues in oxidative stress and antioxidant ecology

**2. Endocrine, immune and oxidative processes in the context of life history strategies** ([Michaela Hau](#))

Hau 2007

[BioEssays 29:133–144, 2007](#)

Regulation of male traits by testosterone: implications for the evolution of vertebrate life histories

**3. Oxidative stress, immunity and sperm quality in birds** ([Fabrice Helfenstein](#))

Helfenstein et al. 2010

[Ecology Letters, \(2010\) 13: 213–222](#)

Sperm of colourful males are better protected against oxidative stress

**4. Species with alternative mating strategies in immunoeology: what can they tell us?** ([George Lozano](#))

4a. [Oliveira et al. 2008](#)

Hormones and alternative reproductive tactics in vertebrates

4b. Miles et al. 2007

[Functional Ecology 2007 21, 653–665](#)

Relating endocrinology, physiology and behaviour using species with alternative mating strategies

**5. Personality", parasites and pigment signals** ([Øyvind Øverli](#))

5a. Price et al. 2008

[ZEBRAFISH Volume 5, Number 4, 2008 297-307](#)

Pigments, Patterns, and Fish Behavior

5b. Khan & Deschaux 1997

[The Journal of Experimental Biology 200, 1833–1838 \(1997\)](#)

ROLE OF SEROTONIN IN FISH IMMUNOMODULATION

5c. Shaw et al. 2009

[Proc. R. Soc. B \(2009\) 276, 1137–1146](#)

Parasite manipulation of brain monoamines in California killifish (*Fundulus parvipinnis*) by the trematode *Euhaplorchis californiensis*

**6. Immune defence and sexual selection in humans** ([Markus Rantala](#))

6a. Folstad and Karter 1992

[The American naturalist](#)

Parasites, bright males, and the immunocompetence handicap

6b. Getty 2002

[vol. 159, no. 4 the american naturalist april 2002](#)

Signaling Health versus Parasites

**7. Introduction to immuno-oxidative-ecology** ([Albert Ros](#))

Boonekamp et al. 2007

[Biol. Lett. 2007](#)

Immune activation suppresses plasma testosterone level: a meta-analysis

**8. Different ways of signalling resistance to oxidative stress in the context of sexual selection** ([Alexandre Roulin](#))

8a. Ducrest et al. 2008

[Trends in Ecology and Evolution Vol.23 No.9](#)

Disturbance in the male reproductive system, selection, and behavioural responses

Pterotropy in the melanocortin system, coloration and behavioural syndromes

8b. Galván & Alonso-Alvarez 2008↵

[PLoS ONE, 2008, 3 \(10\) 2](#)↵

An Intracellular Antioxidant Determines the Expression of a Melanin-Based Signal in a Bird

8c. Pérez-Rodríguez et al. 2010↵

[The Journal of Experimental Biology 213, 1685-1690, 2010](#)↵

Carotenoid-based coloration predicts resistance to oxidative damage during immune challenge