Frank J. Castora, Fatma Duran, Fang Li, Wentia Ford, Paige Birdsall, Aami Mezezi, and R. James Swanson. (2012) Structural and energetic changes in mitochondria associated with aging rodent oocytes may be overcome by mitochondrial microinjection. FASEB J 26:589.2

Frank J. Castora and Michelle B. Trevino. (2012) An improved procedure for isolation of functional synaptosomes for the transient generation of cybrids from frozen human brain FASEB J 26:586.4.

Fatma Simsek-Duran, Fang Li, Wentia Ford, R. James Swanson, Hakan E Duran, Howard W Jones, and **Frank J Castora**. (2009) The effect of aging on the metabolic function and structure of mitochondria in Hamster oocytes. FASEB J 23:855.10.

Frank J Castora and Fatma Simsek-Duran. (2009) Detection, Quantitation, and Distribution of the T9861C mtDNA Mutation in the Alzheimer's Disease Brain. FASEB J 23:855.9.

Castora FJ, Cazares LH, Conyers B, Wright GW Jr. (2005) Profiling of mitochondrial proteins from patients with Alzheimer's disease using surface enhanced laser desorption/ionization time of flight mass spectrophotometry. Submitted to Cell Biochem Biophys. (in revision)

Castora FJ. (2005) Mitochondrial encephalomyopathy, lactic acidosis, and stoke-like episodes (MELAS): A case of mitochondrial myopathy. Clinical Studies in Medical Biochemistry, 3rd Ed., Oxford University Press (in press)

Tinkle MB, **Castora FJ**. (2002) Mitochondrial Disorders: A Clinician's Primer. MEDSURG Nursing. 11:25-29

Castora FJ, Conyers B. (2001) The human mitochondrial DNA topoisomerase from campthothecin-resistant CEM/C2 is sensitive to inhibition by camptothecin. FASEB J. 15:A520

Castora FJ, Hamblet NS, Conyers B. (2000) Mutation in cytochrome c oxidase subunit III in Alzheimer's disease. Amer J Hum Genet. 67:338

Castora FJ. (1998) Enzymology of Recombinant DNA. Chapter 3 in Recombinant DNA Principles and Methodologies. (eds. J.J. Greene and V.B. Rao), Marcel Dekker, Inc., NY, pp. 71-180