

# SILVESTRE SAMPINO, *Ph.D.*

personal e-mail: [samp\\_silv@live.it](mailto:samp_silv@live.it) – work e-mail: [s.sampino@igbzpan.pl](mailto:s.sampino@igbzpan.pl)

phone nr.: +48 791212789 – physical address: ul. Postępu 36a Jastrzębiec, 05-552 Magdalenka (Poland)

---

## EDUCATION

- 2011-2014 Ph.D. in Epidemiology and Advanced Diagnostic in Comparative Anatomy,  
University of Teramo
- 2007-2009 M.Sc. in Biotechnology of Reproduction  
University of Teramo
- 2002-2007 B.Sc. in Medical Biotechnology  
University of Palermo
- 

## RESEARCH JOB EXPERIENCES

- 2015-present Assistant Professor, Department of Experimental Embryology  
Institute of Genetics and Animal Biotechnology
- 2014-2015 Post-doc, Department of Experimental Embryology  
University of Teramo
- 

## RESEARCH INTERESTS

My current research investigates the effects of pre-natal factors, such as parental age and the maternal environment, on fetal brain development, placental functions, and adult offspring behavior.

---

## PUBLICATIONS

Blastomere removal affects homeostatic control leading to obesity in male mice. Kotlarska M, Winiarczyk D, Florek W, Ziętek M, Pęczkiewicz-Szyska J, Stankiewicz AM, Starzyński RR, Arena R, Drago G, Sampino S, Modlinski JA. *Reproduction*. 2020 Oct 1:REP-20-0253.R1.

Reproductive biotechnology and critically endangered species: Merging in vitro gametogenesis with inner cell mass transfer. Saragusty J, Ajmone-Marsan P, Sampino S, Modlinski JA. *Theriogenology*. 2020 Oct 1;155:176-184.

Birth Cohorts in Highly Contaminated Sites: A Tool for Monitoring the Relationships Between Environmental Pollutants and Children's Health. Drago G, Ruggieri S, Bianchi F, Sampino S, Cibella F. *Front Public Health*. 2020 Apr 28;8:125.

Food toxicology: quantitative analysis of the research field literature. Yeung AWK, Tzvetkov NT, Józwik A, Horbanczuk OK, Polgar T, Pieczynska MD, Sampino S, Nicoletti F, Berindan-Neagoe I, Battino M, Atanasov AG. *Int J Food Sci Nutr*. 2020 Feb;71(1):13-21.

Assessing the epigenetic risks of assisted reproductive technologies: a way forward. Zacchini F, Sampino S, Stankiewicz AM, Haaf T, Ptak GE. *Int J Dev Biol*. 2019;63(3-4-5):217-222.

Polychlorinated biphenyls (PCBs) alter DNA methylation and genomic integrity of sheep fetal cells in a simplified in vitro model of pregnancy exposure. Anzalone DA, Sampino S, Czernik M, Iuso D, Ptak GE. *Toxicol In Vitro*. 2018 Feb;46:39-46.

Pregnancy at Advanced Maternal Age Affects Behavior and Hippocampal Gene Expression in Mouse Offspring. Sampino S, Stankiewicz AM, Zacchini F, Goscik J, Szostak A, Swiergiel AH, Drago G, Modlinski JA, Ptak GE. *J Gerontol A Biol Sci Med Sci*. 2017 Oct 12;72(11):1465-1473.

Effects of blastomere biopsy on post-natal growth and behavior in mice. Sampino S, Zacchini F, Swiergiel AH, Modlinski AJ, Loi P, Ptak GE. *Hum Reprod*. 2014 Sep;29(9):1875-83.

Grand-paternal age and the development of autism-like symptoms in mice progeny. Sampino S, Juszcak GR, Zacchini F, Swiergiel AH, Modlinski JA, Loi P, Ptak GE. *Transl Psychiatry*. 2014 Apr 29;4(4):e386.

Genomic stability of lyophilized sheep somatic cells before and after nuclear transfer. Iuso D, Czernik M, Di Egidio F, Sampino S, Zacchini F, Bochenek M, Smorag Z, Modlinski JA, Ptak G, Loi P. *PLoS One*. 2013;8(1):e51317.