

Poster Topics and Reliable Resources for Poster Topics

These are only suggestions; if you do not see a topic on this list that interests you and you have another idea, please see Dr. Zelinski to discuss. She is also happy to provide you with review articles and other reliable scientific sources for your topic IF you are having trouble locating them. zelinski@ohsu.edu

Poster Topics

Follicle growth and maturation

Female infertility

Fertility drugs

In vitro fertilization (IVF)

Oocyte donation

Sperm donation

Intra-cytoplasmic sperm injection (ICSI)

Embryo culture and embryo transfer

Ultrasound

CT Scan/ MRI of reproductive tract

Male infertility

Spermatogenesis

Preimplantation genetic diagnosis (PGD)

3-dimensional follicle culture

Transplantation of ovarian tissue

Transplantation of testicular tissue

Inhibition of apoptosis (S1P) to protect oocytes/sperm from cancer treatments

Ovarian or testicular cryopreservation

Effects of chemotherapeutic agents on ovaries/testes/fertility

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Environmental toxins and female or male reproduction

Aneuploidy

Embryonic development (pre-implantation)

Sensitive stages of embryonic development

Effects of a certain chemical/drug on embryos

Early fetal development

Cryobiology

Implantation

Pregnancy

Endometriosis

Polycystic Ovarian Syndrome (PCOS)

Sexually Transmitted Diseases (STDs; or choose one of them to describe in more detail)

Use of assisted reproductive technologies to save endangered species

Ethical issues concerning infertility

Ethical issues concerning oncofertility treatments

Mitosis

Meiosis

Fertilization



Mitochondrial gene therapy (mitochondrial transfer in oocytes)

Oncofertility (history, purpose, techniques)

Female contraception

Male contraception

Cancer (any aspect or type)

Biomaterials, alginate

Osmotic minipumps

Psychological impact of cancer on patient, patient decisions on future fertility

Stem cells

Stem cells to make oocytes/spermatogonia

Cloning (reproductive and/or therapeutic)

Ethical issues concerning stem cells

Reliable Resources for Poster Topics

<http://www.waspacegrant.org/posterdesign.html> (Washington NASA Space Grant consortium, how to design a GREAT Poster)

www.reproductivefacts.com (from the American Society for Reproductive Medicine)

<http://oncofertility.northwestern.edu> (Oncofertility Consortium, science and medical site)

www.myoncofertility.org (Oncofertility Consortium patient site)

www.fertilehope.org (non-profit patient advocacy group for fertility issues and cancer)

www.livestrong.org (Lance Armstrong's non-profit patient advocacy group)

www.nih.gov (National Institutes of Health)

www.nichd.nih.gov/womenshealth/research (National Institutes of Child Health and Human Development, infertility and contraception research)

www.niehs.nih.gov/health/topics/conditions/repro-health/index.cfm (National Institute of Environmental Health Sciences; environmental toxins)

www.cancer.org (American Cancer Society)

www.aap.org (American Academy of Pediatrics)

www.plannedparenthood.com (Planned Parenthood, contraception, STDs, reproductive health)

<http://lifesciences.umich.edu/research/featured/tutorial.html> (stem cell tutorial)

<http://www.intute.ac.uk/bioethicsweb/> (bioethics)

<http://www.ssr.org/comm/pubaff/PubAffIndex.shtml> (Society for the Study of Reproduction, Resources, Public Affairs)

http://www.acog.org/publications/patient_education/ (American College of Obstetrics and Gynecology, Patient Education brochures)

www.pubmed.com (PubMed – official site to search for scientific papers published in journals; type a topic into the Search box, you will get journal articles on the topic beginning with the most recent)



http://www.isscr.org/public/selected_topics.html (International Society for Stem Cell Research)

www.pbs.org/wgbh/nova/sciencenow/3209/04-related.html (PBS, Nova, Science Now, stem cells)

