Approaches to evaluating reproductive hazards and risks for working in the laboratory/workshop - ***Compilation of international guidelines, standards and journal articles***

Pregnant staff/students may wish to know more about health and safety considerations to take note of during their pregnancy. Therefore, a list of international guidelines, standards and journal articles has been compiled by ORMC to assist pregnant staff/students and their supervisors to refer to when reviewing risk assessments and determining changes to existing risk controls for expecting and nursing mothers. These resources include information on topics such as pregnancy at work, common reproductive and developmental hazards/reproductive toxicants, measuring occupational/environmental exposure and conducting reproductive risk assessments.

Staff/students are also encouraged to contact Dr Suzette De Leon at suzette@nus.edu.sg with any enquiries regarding the references listed below.

A. Pregnancy at Workplace

1. Centers for Disease Control and Prevention. Reproductive health and the workplace. [Online] Accessed on 8 April 2026.
2. University of Cambridge. Employees who are pregnant, have given birth or are breastfeeding. [Online] Accessed on 8 April 2026.
3. Salihu HM, Myers J, August EM. Pregnancy in the workplace. *Occupational Medicine*. 2012. Vol. 62(2), pp. 88–97. https://doi.org/10.1093/occmed/kqr198
4. Health and Safety Executive. Pregnant workers and new mothers: your health and safety. [Online] Accessed on 8 April 2026.
5. Health and Safety Executive. Protecting pregnant workers and new mothers: employers. [Online] Accessed on 8 April 2026.
6. Health and Safety Authority. Pregnancy at Work. [Online] Accessed on 8 April 2026.

B. Reproductive and/or Developmental Hazards

1. Johnston JD, Jamieson GG, Wright S. Reproductive and developmental hazards and employment policies. 1992. *British Journal of Industrial Medicine*, Vol. 49(2), pp. 85-94. doi: 10.1136/oem.49.2.85.
2. Marcus M, Silbergeld E, Mattison D, the Research Needs Working Group. A reproductive hazards research agenda for the 1990s. *Environmental Health Perspectives Supplements*. 1993. Vol. 101(Suppl. 2), pp. 175-180.
3. Lawson C, Schnorr T, Daston G, et al. An occupational reproductive research agenda for the third millennium. *Environmental Health Perspectives*. 2003. Vol. 111(4), pp. 584 – 592. doi: 10.1289/ehp.5548.
4. Giacoia GP. Reproductive hazards in the workplace. *Obstetrical and Gynecological Survey*. 1992. Vol. 47(10), pp. 679-687.
5. University of Washington. Reproductive Hazard Guidelines. [Online] Accessed on 8 April 2026.
6. Advisory Committee on Dangerous Pathogens. Infection risks to new and expectant mothers in the workplace: A guide for employers [Online] Accessed on 8 April 2026.

C. Occupational / Environmental Exposure

1. McDiarmid MA, Gehle K. Preconception brief: Occupational/environmental exposures. *Maternal and Child Health Journal*. 2006.Vol. 10, pp. 123-128. doi: 10.1007/s10995-006-0089-8.
2. Kumar S. Occupational exposure associated with reproductive dysfunction. *Journal of Occupational Health*. 2004. Vol. 46, pp. 1-19. doi: 10.1539/joh.46.1.

D. Reproductive Risk Assessments

1. Kimmel CA. Approaches to evaluating reproductive hazards and risks. *Environmental Health Perspectives*. 1993. Vol. 101(Suppl 2), pp. 137-143. doi: 10.1289/ehp.93101s2137.