

The Guide to Investigation of Mouse Pregnancy

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The Guide to Investigation of Mouse Pregnancy is a complete manual of mouse pregnancy. It describes and illustrates in detail the anatomic, physiological and molecular biological features of the pregnant mouse uterus and of mouse placental development. This comprehensive work is designed not only to inform but also to instruct and enable new research achievements in pregnancy investigations through the use of mouse models. *The Guide to Investigation of Mouse Pregnancy* fills the void between existing texts on early pre-implantation mouse embryo manipulations and on mouse fetal development.

The importance of health in utero is now widely appreciated as pivotal to lifelong human health. The placenta is of profound importance to the quality of the gestational experience. Investigators in this expanding area of mouse pregnancy research will also find valuable information that defines normal baselines and offers a wide range of experimental approaches for the thorough study of mouse pregnancies.

Key Features:

- Contains over 200 plates of photographs and illustrations
- Includes a comprehensive gross anatomical study of the gestational uterus from pre-implantation to term accompanied by histological plates
- Authored by international experts who describe not only the normal state but also insights gained from various manipulations that perturb normal gestation
- Provides detailed, refined protocols in use in the authors' laboratories for the study of mouse pregnancy, placental function, parturition and lactation.



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