

Drosophila Protocols; CSHL Press, 2000; 9780879695866; 697 pages; 2000; William Sullivan, M. Ashburner, R. Scott Hawley

Depth: Each protocol includes the basic information needed by novices, with sufficient detail to be valuable to experienced investigators. Format: Each method is carefully introduced and illustrated with figures, tables, illustrations, and examples of the data obtainable. Added value: The book's appendices include key aspects of Drosophila biology, essential solutions, buffers, and recipes. The book covers virtually every area of Drosophila work. Many of the topics discussed are cutting edge, such as the chapter on RNA interference, targeted cell ablation, and biochemical preparations from Drosophila (such as soluble nuclear extracts and membrane proteins). Overall I am very pleased with the book, and glad I bought it! Some steps in a protocol are always more fastidious than others, and it is critical for us to know which steps can be done with a bucket and which steps require an eyedropper. Behavior. books. Drosophila Neurobiology: A Laboratory Manual Zhang B, Freeman MK, Waddell S. DIS techniques. 2008 - Fluorescent in situ hybridization protocols in Drosophila embryos and tissues. Lecuyer E, Parthasarathy N, Krause HM pmid: 18641955. 2015 - Simple method for fluorescence DNA in situ hybridization to squashed chromosomes. About this book. Drosophila is a comprehensive collection of methods and protocols for Drosophila, one of the oldest and most commonly used model organisms in modern biology. The text presents a diverse set of techniques that range from the basic handling of flies to more complex applications, such as the generation of mutants by homologous recombination and the analysis of developing flies by live imaging. Fluorescent in situ hybridization protocols in Drosophila embryos and tissues.