There is no multicellular animal whose genetics is so well understood as Drosophila melanogaster. An increasing number of biologists have, therefore, turned to the fruitfly in pursuit of such diverse areas as the molecular biology of eukaryotic cells, development and neurobiology. Indeed there are signs that Dro sophila may soon become the most central organism in biqlogy for genetic analysis of complex problems. The papers in this collection were presented at a conference on Development and Behavior of Drosophila held at the Tata Insti tute of Fundamental Research from 19th to 22nd December, 1979. The volume reflects the commonly shared belief of the participants that Drosophila has as much to contribute to biology in the future as it has in the past. We hope it will be of interest not merely to Dro sophilists but to all biologists. We thank Chetan Premani, Anil Gupta, K.S. Krishnan, Veronica Rodrigues, Hemant Chikermane and K.Vijay Raghavan for help with recording and transcription of the proceedings and Vrinda Nabar and K.V. Hareesh for editorial assistance. We thank Samuel Richman, Thomas Schmidt-Glenewinkel and T.R. Venkatesh for their valuable assistance in proofreading the manuscripts, and we also thank Patricia Rank for her excellent effort in the preparation of the final manuscripts. The conference was supported by a grant from Sir Dorabji Tata Trust.

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Development and Neurobiology of Drosophila (Basic Life Sciences) Softcover reprint of edition by Siddiqi, O., Babu, P., Hall, Linda M., Hall, Jeffrey C. (). Development and neurobiology of Drosophila. Front Cover 1. Genetics of Minute Locus in Drosophila melanogaster. 25 Volume 16 of Basic life sciences. (Basic life sciences; v. 16)!ncludes index. 1. Drosophila melanogasterâ€“ Developmentâ€”Congresses. 2. Drosophila melanogasterâ€”Physiologyâ€” Congresses. 3. Fly says this is an excellent site for anyone interested in Drosophila and neurobiology. The Scientist, the newspaper for the life sciences professional, is issued designed to showcase Drosophila genes and their roles in development. can be discovered using the Basic Expression Search Tool for images (BESTi). (MAR 22) Faculty of Life Sciences, Manchester: Drosophila Growth Cones: A Axonal Growth Dynamics â€œThe formation of neuronal networks, during development Therefore, we expect fundamental insights gained in Drosophila to be.