Molecular Embryology explains in simple terms the molecular interactions that transform an egg into a complex embryo that in the end gives rise to a fully-formed animal. In doing so, the book covers one hundred and fifty years of experiments that have led to our present understanding of these molecular interactions. As the text progresses, the reader will gain a sense of the developmental similarities and differences between organisms. Students studying developmental biology and embryology will find this book an extremely useful introduction to the subject and will also appeal to anyone with a Molecular Embryology interest in understanding processes at the molecular level. Learn more about our research. Rashmi Hegde, PhD, studies molecular mechanisms involved in embryonic organ development and how the aberrant functioning of these processes can lead to developmental disorders as well as adult disease states such as cancer. This knowledge is then utilized in the rational design of therapeutic strategies. Molecular Embryology, Molecules, Birth. Related files: a2460d1c9639ee34790cfca734caaf. 