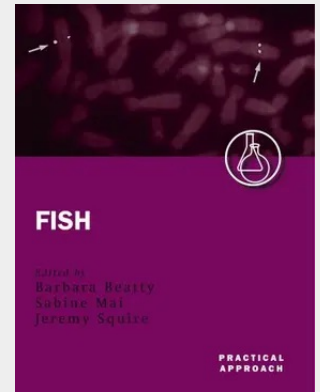


Fish

This convenient laboratory manual covers the theory and application of all the commonly used FISH procedures for both the research and clinical service laboratory. Readers are provided with the theoretical principles which underlie each procedure, and are then guided through the protocols in a systematic, easy to follow manner. Because FISH procedures are particularly sensitive to background and subtle variations in sample quality, the trouble-shooting sections are invaluable to the beginner interested in developing FISH capabilities in their laboratory. Areas covered include probe production and labelling; FISH gene mapping; murine, fiber, and RNA FISH; CGH and microchips; 3D FISH; SKY and M-FISH; FISH and microarrays; and FISH in clinical cytogenetics. The information is easy to follow and includes a large number of useful reference web sites in addition to a comprehensive and up to date bibliography providing background to all the advanced molecular cytogenetics. The information is easy to follow and includes a large number of useful reference web sites in addition to a comprehensive and up to date bibliography providing background to all the advanced molecular cytogenetics techniques in current use. This book will be of particular value to scientists, technologists, and students in the areas of molecular pathology, cancer biology, genomics, haematology, oncology, clinical cytogenetics, molecular diagnostics and genetics.

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