

JACKSON-WEISS SYNDROME

Marc E. Tischler, PhD;
University of Arizona

JACKSON-WEISS SYNDROME

- fibroblast growth factor (FGF) plays a variety of roles including growth of blood vessels, wound healing and development of the embryo
- FGF must first bind to a receptor, a protein on the surface of cells that recognizes the FGF
- there are multiple types of FGF receptors
- after FGF binds to its receptor a signal is sent into the cell that is specific for the receptor type
- one function of FGF receptor-2 is to tell immature cells to become bone cells during development of the embryo

