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*Cover picture:* Scanning electron micrograph of the surface of a zebrafish embryo 48 hours after fertilization. The superficial epithelial cells have polygonal borders and numerous microfolds on their surface. Kinocilia from hair cells of a posterior lateral line neuromast can be seen emerging from the pit of the neuromast in the center of the photograph. The hair cells were deposited by the migrating primordium of the midbody lateral line about 20 hours before this photograph was taken. Magnification  $\times 1770$ . Kindly provided by Dr. W. R. Metcalfe.

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