Phospho-regulation of β-Catenin Adhesion and Signaling Functions

Rebecca Leadon Daugherty and Cara J. Gottardi
β-Catenin function is determined by its binding partners, and the relative strength of these interactions is strongly influenced by phosphorylation.

No Potassium, No Acid: K+ Channels and Gastric Acid Secretion

Dirk Heitzmann and Richard Warth
In gastric parietal cells, recently identified luminal KCNE2/KCNQ1 K+ channels are a pivotal determinant of acid secretion.

Mechanisms of Human Arrhythmia Syndromes: Abnormal Cardiac Macromolecular Interactions

Peter J. Mohler and Xander H. T. Wehrens
Recent studies demonstrate that inherited defects in ion channel regulatory and targeting proteins can cause cardiac arrhythmia syndromes.