

7. Literatur

ANDERSON DJ, PETERSON C. (1981)

High resolution electrophoresis of proteins in SDS polyacrylamid gels.
In: Electrophoresis (ed. Radola BJ), pp. 41-48, Berlin: de Gruyter

AGUILAR-BRYAN L, CLEMENT JP 4TH, NELSON DA. (1998)

Sulfonylurea receptors and ATP-sensitive potassium ion channels.
Methods Enzymol. 1998;292:732-44.

AGUILAR-BRYAN L, NICHOLS CG, WECHSLER SW, CLEMENT JP 4TH, BOYD AE 3RD, GONZALEZ G, HERRERA-SOSA H, NGUY K, BRYAN J, NELSON DA. (1995)

Cloning of the beta cell high-affinity sulfonylurea receptor: a regulator of insulin secretion.
Science. 1995 Apr 21;268(5209):423-6.

BABENKO AP, AGUILAR-BRYAN L, BRYAN J. (1998)

A view of sur/KIR6.X, KATP channels.
Annu Rev Physiol. 1998;60:667-87. Review.

BERGLUND JJ, RIEGLER M, ZOLOTAREVSKY Y, WENZL E, TURNER JR. (2001)

Regulation of human jejunal transmucosal resistance and MLC phosphorylation by Na(+)-glucose cotransport.
Am J Physiol Gastrointest Liver Physiol. 2001 Dec;281(6):G1487-93.

BIENENGRABER M, ALEKSEEV AE, ABRAHAM MR, CARRASCO AJ, MOREAU C, VIVAUDOU M, DZEJA PP, TERZIC A. (2000)

ATPase activity of the sulfonylurea receptor: a catalytic function for the KATP channel complex.
FASEB J. 2000 Oct;14(13):1943-52.

BIRNBAUM SG, VARGA AW, YUAN LL, ANDERSON AE, SWEATT JD, SCHRADER LA. (2004)

Structure and function of Kv4-family transient potassium channels.
Physiol Rev. 2004 Jul;84(3):803-33. Review.

BORN M, PAHNER I, AHNERT-HILGER G, JÖNS T. (2003)

The maintenance of the permeability barrier of bladder facet cells requires a continuous fusion of discoid vesicles with the apical plasma membrane.
Eur J Cell Biol. 2003 Jul;82(7):343-50.

BÖHME H, HARTKE H. (ed.) (1978)

Äthanoltablelle – Beziehungen zwischen relativer Dichte und Äthanolgehalt bei Äthanol-Wasser-Gemischen.
In: Deutsches Arzneibuch 8, pp: 940-966, Frankfurt: Govi-Verlag GmbH

BOULPAEP EL, SACKIN H. (1979)

Equivalent electrical circuit analysis and rheogenic pumps in epithelia.
Fed Proc. 1979 May;38(6):2030-6.

BRADFORD MM. (1976)

A rapid and sensitive method for the quantitation of microgram quantities of protein utilizing the principle of protein-dye binding.

Anal Biochem. 1976 May 7;72:248-54.

BURNETTE WN. (1981)

"Western blotting": electrophoretic transfer of proteins from sodium dodecyl sulphate-polyacrylamide gels to unmodified nitrocellulose and radiographic detection with antibody and radioiodinated protein A.

Anal Biochem. 1981 Apr;112(2):195-203.

CEREJIDO M. (ed.) (1992)

Evolution of ideas on the tight junction.

In : Tight Junctions, pp. 1-13. Boca Raton : CRC Press

CHUTKOW WA, SIMON MC, LE BEAU MM, BURANT CF. (1996)

Cloning, tissue expression, and chromosomal localization of SUR2, the putative drug-binding subunit of cardiac, skeletal muscle, and vascular KATP channels.

Diabetes. 1996 Oct;45(10):1439-45.

CLAUDE P. (1978)

Morphological factors influencing transepithelial permeability: a model for the resistance of the zonula occludens.

J Membr Biol. 1978 Mar 10;39(2-3):219-32.

CLAUDE P, GOODENOUGH DA. (1973)

Fracture faces of zonulae occludentes from "tight" and "leaky" epithelia.

J Cell Biol. 1973 Aug;58(2):390-400.

CLEMENT JP 4TH, KUNJILWAR K, GONZALEZ G, SCHWANSTECHE M, PANTEN U, AGUILAR-BRYAN L, BRYAN J. (1997)

Association and stoichiometry of K(ATP) channel subunits.

Neuron. 1997 May;18(5):827-38.

COLEGIO OR, VAN ITALLIE CM, MCCREA HJ, RAHNER C, ANDERSON JM. (2002)

Claudins create charge-selective channels in the paracellular pathway between epithelial cells.

Am J Physiol Cell Physiol. 2002 Jul;283(1):C142-7.

COOK DL, HALES CN. (1984)

Intracellular ATP directly blocks K⁺ channels in pancreatic B-cells.

Nature. 1984 Sep 20-26;311(5983):271-3.

CUMMINS AJ. (1952)

Absorption of glucose and methionine from the human intestine; the influence of the glucose concentration in the blood and in the intestinal lumen.

J Clin Invest. 1952 Oct;31(10):928-37.

D'ATRI F, CITI S. (2002)

Molecular complexity of vertebrate tight junctions (Review).

Mol Membr Biol. 2002 Apr-Jun;19(2):103-12. Review.

DEBNAM ES, LEVIN RJ. (1975)

An experimental method of identifying and quantifying the active transfer electrogenic component from the diffusive component during sugar absorption measured in vivo.
J Physiol. 1975 Mar;246(1):181-96.

DRENCKHAHN D, JÖNS T, SCHMITZ F. (1993)

Production of polyclonal antibodies against proteins and peptides.
Methods in Cell Biology Vol. 37 Antibodies in Cell Biology: 7-56

DRENCKHAHN D. (2003)

Oberflächendifferenzierungen der Zelle.
In: Anatomie Band 1, 16 (ed. Benninghoff, Drenckhahn), pp. 24-31. München, Jena: Urban & Fischer.

DUNNE MJ, PETERSEN OH. (1986a)

GTP and GDP activation of K⁺ channels that can be inhibited by ATP.
Pflugers Arch. 1986 Nov;407(5):564-5.

DUNNE MJ, PETERSEN OH. (1986b)

Intracellular ADP activates K⁺ channels that are inhibited by ATP in an insulin-secreting cell line.
FEBS Lett. 1986 Nov 10;208(1):59-62.

EDWARDS G, WESTON AH. (1993)

The pharmacology of ATP-sensitive potassium channels.
Annu Rev Pharmacol Toxicol. 1993;33:597-637. Review.

ENKVETCHAKUL D, NICHOLS CG. (2003)

Gating mechanism of K_{ATP} channels: function fits form.
J Gen Physiol 2003 122: 471-480

FAKLER B, BRANDLE U, GLOWATZKI E, WEIDEMANN S, ZENNER HP, RUPPERSBERG JP. (1995)

Strong voltage-dependent inward rectification of inward rectifier K⁺ channels is caused by intracellular spermine.
Cell. 1995 Jan 13;80(1):149-54.

FANNING AS, JAMESON BJ, JESAITIS LA, ANDERSON JM. (1998)

The tight junction protein ZO-1 establishes a link between the transmembrane protein occludin and the actin cytoskeleton.
J Biol Chem. 1998 Nov 6;273(45):29745-53.

FARQUHAR MG, PALADE GE. (1963)

Junctional complexes in various epithelia.
J Cell Biol. 1963 May;17:375-412.

FERRARIS RP, YASHARPOUR S, LLOYD KC, MIRZAYAN R, DIAMOND JM. (1990)

Luminal glucose concentrations in the gut under normal conditions.
Am J Physiol. 1990 Nov;259(5 Pt 1):G822-37.

FINDLAY I. (1987)

The effects of magnesium upon adenosine triphosphate-sensitive potassium channels in a rat insulin-secreting cell line.

J Physiol. 1987 Oct;391:611-29.

FOSSET M, DE WEILLE JR, GREEN RD, SCHMID-ANTOMARCHI H, LAZDUNSKI M. (1988)

Antidiabetic sulfonylureas control action potential properties in heart cells via high affinity receptors that are linked to ATP-dependent K⁺ channels.

J Biol Chem. 1988 Jun 15;263(17):7933-6.

FREEDMAN JE, LIN Y. (1996)

ATP-sensitive potassium channels: Diverse functions in the central nervous system.

The Neuroscientist 2(3): 145-152

FRIZZELL RA, SCHULTZ SG. (1972)

Ionic conductances of extracellular shunt pathway in rabbit ileum. Influence of shunt on transmural sodium transport and electrical potential differences.

J Gen Physiol. 1972 Mar;59(3):318-46.

FURUSE M, FUJITA K, HIIRAGI T, FUJIMOTO K, TSUKITA S. (1998)

Claudin-1 and -2: novel integral membrane proteins localizing at tight junctions with no sequence similarity to occludin.

J Cell Biol. 1998 Jun 29;141(7):1539-50.

FURUSE M, HIRASE T, ITOH M, NAGAFUCHI A, YONEMURA S, TSUKITA S, TSUKITA S. (1993)

Occludin: a novel integral membrane protein localizing at tight junctions.

J Cell Biol. 1993 Dec;123(6 Pt 2):1777-88.

GOLDSTEIN SA, BOCKENHAUER D, O'KELLY I, ZILBERBERG N. (2001)

Potassium leak channels and the KCNK family of two-P-domain subunits.

Nat Rev Neurosci. 2001 Mar;2(3):175-84. Review.

GRIBBLE FM, TUCKER SJ, HAUG T, ASHCROFT FM. (1998)

MgATP activates the beta cell KATP channel by interaction with its SUR1 subunit.

Proc Natl Acad Sci U S A. 1998 Jun 9;95(12):7185-90.

GROOP L, NEUGEBAUER G. (1996)

Clinical pharmacology of sulfonylureas.

In: *Handbook of Experimental Pharmacology*, 119 (ed. J. Kuhlmann and W. Puls), pp. 199-259. Heidelberg, New York: Springer.

HALL A. (1998)

Rho GTPases and the actin cytoskeleton.

Science. 1998 Jan 23;279(5350):509-14. Review.

HECHT G, PESTIC L, NIKCEVIC G, KOUTSOURIS A, TRIPURANANI J, LORIMER DD, NOWAK G, GUERRIERO V JR, ELSON EL, LANEROLLE PD. (1996)

Expression of the catalytic domain of myosin light chain kinase increases paracellular permeability.

Am J Physiol. 1996 Nov;271(5 Pt 1):C1678-84.

- HENIN S, CREMASCHI D, SCETTINO T, MEYER G, DONIN CL, COTELLI F. (1977)**
Electrical parameters in gallbladders of different species. Their contribution to the origin of the transmural potential difference.
J Membr Biol. 1977 Jun 3;34(1):73-91.
- HIROKAWA N, TILNEY LG. (1982)**
Interactions between actin filaments and between actin filaments and membranes in quick-frozen and deeply etched hair cells of the chick ear.
J Cell Biol. 1982 Oct;95(1):249-61.
- HOLDSWORTH CD, DAWSON AM. (1964)**
The Absorption of monosaccharides in man.
Clin Sci. 1964 Dec;27:371-9.
- INAGAKI N, TSUURA Y, NAMBA N, MASUDA K, GONOI T, HORIE M, SEINO Y, MIZUTA M, SEINO S. (1995a)**
Cloning and functional characterization of a novel ATP-sensitive potassium channel ubiquitously expressed in rat tissues, including pancreatic islets, pituitary, skeletal muscle, and heart.
J Biol Chem. 1995 Mar 17;270(11):5691-4.
- INAGAKI N, GONOI T, CLEMENT JP 4TH, NAMBA N, INAZAWA J, GONZALEZ G, AGUILAR-BRYAN L, SEINO S, BRYAN J. (1995b)**
Reconstitution of IKATP: an inward rectifier subunit plus the sulfonylurea receptor.
Science. 1995 Nov 17;270(5239):1166-70.
- INAGAKI N, GONOI T, CLEMENT JP, WANG CZ, AGUILAR-BRYAN L, BRYAN J, SEINO S. (1996)**
A family of sulfonylurea receptors determines the pharmacological properties of ATP-sensitive K⁺ channels.
Neuron. 1996 May;16(5):1011-7.
- ISOMOTO S, KONDO C, YAMADA M, MATSUMOTO S, HIGASHIGUCHI O, HORIO Y, MATSUZAWA Y, KURACHI Y. (1996)**
A novel sulfonylurea receptor forms with BIR (Kir6.2) a smooth muscle type ATP-sensitive K⁺ channel.
J Biol Chem. 1996 Oct 4;271(40):24321-4.
- ITOH M, FURUSE M, MORITA K, KUBOTA K, SAITOU M, TSUKITA S. (1999)**
Direct binding of three tight junction-associated MAGUKs, ZO-1, ZO-2, and ZO-3, with the COOH termini of claudins.
J Cell Biol. 1999 Dec 13;147(6):1351-63.
- JIANG C, HADDAD GG. (1997)**
Modulation of K⁺ channels by intracellular ATP in human neocortical neurons.
J Neurophysiol. 1997 Jan;77(1):93-102.

JÖNS T, WARRINGS B, JONS A, DRENCKHAHN D. (1994)

Basolateral localization of anion exchanger 2 (AE2) and actin in acid-secreting (parietal) cells of the human stomach.

Histochemistry. 1994 Oct;102(4):255-63.

JÖNS T*, WITTSCHIEBER D*, BEYER A, MEIER C, BRUNE A, THOMZIG A, AHNERT-HILGER G, VEH RW. (2006) (* These authors contributed equally)

K⁺-ATP-channel-related protein complexes: potential transducers in the regulation of epithelial tight junction permeability.

J Cell Sci. 2006 Aug 1;119(Pt 15):3087-97. Epub 2006 Jul 4

KATZ B. (1949)

Les constants électriques de la membrane du muscle.

Arch Sci Physiol 2: 285-299

KELLETT GL. (2001)

The facilitated component of intestinal glucose absorption.

J Physiol. 2001 Mar 15;531(Pt 3):585-95. Review.

LAPIERRE LA. (2000)

The molecular structure of the tight junction.

Adv Drug Deliv Rev. 2000 Jun 30;41(3):255-64. Review.

LEWIS SA, EATON DC, DIAMOND JM. (1976)

The mechanism of Na⁺ transport by rabbit urinary bladder.

J Membr Biol. 1976 Aug 27;28(1):41-70.

LORENZ E, TERZIC A. (1999)

Physical association between recombinant cardiac ATP-sensitive K⁺ channel subunits Kir6.2 and SUR2A.

J Mol Cell Cardiol. 1999 Feb;31(2):425-34.

MADARA JL. (1987)

Intestinal absorptive cell tight junctions are linked to cytoskeleton.

Am J Physiol. 1987 Jul;253(1 Pt 1):C171-5.

MADARA JL, PAPPENHEIMER JR. (1987)

Structural basis for physiological regulation of paracellular pathways in intestinal epithelia.

J Membr Biol. 1987;100(2):149-64.

MADARA JL, STAFFORD J, BARENBERG D, CARLSON S. (1988)

Functional coupling of tight junctions and microfilaments in T84 monolayers.

Am J Physiol. 1988 Mar;254(3 Pt 1):G416-23.

MARTIN-PADURA I, LOSTAGLIO S, SCHNEEMANN M, WILLIAMS L, ROMANO M, FRUSCELLA P, PANZERI C, STOPPACCIARO A, RUCO L, VILLA A, SIMMONS D, DEJANA E. (1998)

Junctional adhesion molecule, a novel member of the immunoglobulin superfamily that distributes at intercellular junctions and modulates monocyte transmigration.

J Cell Biol. 1998 Jul 13;142(1):117-27.

MIKI T, NAGASHIMA K, SEINO S. (1999)

The structure and function of the ATP-sensitive K⁺ channel in insulin-secreting pancreatic beta-cells.

J Mol Endocrinol. 1999 Apr;22(2):113-23. Review.

MISLER S. (1995)

Stimulus transduction in metabolic sensor cells.

In: *Cell Physiology Source Book (1st ed.)*, edited by N. Sperelakis. San Diego, CA: Academic, 1995, chapt. 39, p.523-536

MITIC LL, VAN ITALLIE CM, ANDERSON JM. (2000)

Molecular physiology and pathophysiology of tight junctions I. Tight junction structure and function: lessons from mutant animals and proteins.

Am J Physiol Gastrointest Liver Physiol. 2000 Aug;279(2):G250-4. Review.

MIYOSHI J, TAKAI Y. (2005)

Molecular perspective on tight-junction assembly and epithelial polarity.

Adv Drug Deliv Rev. 2005 Apr 25;57(6):815-55. Review.

MUNCK BG, SCHULTZ SG. (1974)

Properties of the passive conductance pathway across in vitro rat jejunum.

J Membr Biol. 1974;16(2):163-74.

NICHOLS CG. (2006)

K_{ATP} channels as molecular sensors of cellular metabolism.

Nature 2006 Mar;440(23):470-476. Review.

NELSON MT, QUAYLE JM. (1995)

Physiological roles and properties of potassium channels in arterial smooth muscle.

Am J Physiol. 1995 Apr;268(4 Pt 1):C799-822. Review.

NELSON WJ, VESHNOCK PJ. (1986)

Dynamics of membrane-skeleton (fodrin) organization during development of polarity in Madin-Darby canine kidney epithelial cells.

J Cell Biol. 1986 Nov;103(5):1751-65.

NOMA A. (1983)

ATP-regulated K⁺ channels in cardiac muscle.

Nature 305: 147-148

NUSRAT A, TURNER JR, MADARA JL. (2000)

Molecular physiology and pathophysiology of tight junctions. IV. Regulation of tight junctions by extracellular stimuli: nutrients, cytokines, and immune cells.

Am J Physiol Gastrointest Liver Physiol. 2000 Nov;279(5):G851-7. Review.

PAPPENHEIMER JR. (1987)

Physiological regulation of transepithelial impedance in the intestinal mucosa of rats and hamsters.

J Membr Biol. 1987;100(2):137-48.

PAPPENHEIMER JR. (1993)

On the coupling of membrane digestion with intestinal absorption of sugars and amino acids.
Am J Physiol. 1993 Sep;265(3 Pt 1):G409-17. Review.

PAPPENHEIMER JR, REISS KZ. (1987)

Contribution of solvent drag through intercellular junctions to absorption of nutrients by the small intestine of the rat.

J Membr Biol. 1987;100(2):123-36.

PATEL AJ, HONORE E. (2001)

Properties and modulation of mammalian 2P domain K⁺ channels.

Trends Neurosci. 2001 Jun;24(6):339-46. Review.

POWELL DW. (1981)

Barrier function of epithelia.

Am J Physiol. 1981 Oct;241(4):G275-88. Review.

QUAST U. (1996)

ATP-sensitive K⁺ channels in the kidney.

Naunyn Schmiedebergs Arch Pharmacol. 1996 Aug-Sep;354(3):213-25. Review.

REIMANN F, ASHCROFT FM. (1999)

Inwardly rectifying potassium channels.

Curr Opin Cell Biol. 1999 Aug;11(4):503-8. Review.

REUSS L. (1991)

Tight junction permeability to ions and water.

In: *Tight Junctions* (ed. M. Cereijido), pp. 49-66. Boca-Raton: CRC Press

RUDY B, MCBAIN CJ. (2001)

Kv3 channels: voltage-gated K⁺ channels designed for high-frequency repetitive firing.

Trends Neurosci. 2001 Sep;24(9):517-26. Review.

RUMMEL W, STUPP HF. (1960)

Absorption of D- and L-glucose by the intestine in vitro.

Med Exp Int J Exp Med. 1960;3:303-8. German.

SCHULTZ SG. (1979)

Application of equivalent electrical circuit models to study of sodium transport across epithelial tissues.

Fed Proc. 1979 May;38(6):2024-9.

SEE NA, BASS P. (1993)

Nutrient-induced changes in the permeability of the rat jejunal mucosa.

J Pharm Sci. 1993 Jul;82(7):721-4.

SIMON DB, LU Y, CHOATE KA, VELAZQUEZ H, AL-SABBAN E, PRAGA M, CASARI G, BETTINELLI A, COLUSSI G, RODRIGUEZ-SORIANO J, MCCREDIE D, MILFORD D, SANJAD S, LIFTON RP. (1999)

Paracellin-1, a renal tight junction protein required for paracellular Mg²⁺ resorption.
Science. 1999 Jul 2;285(5424):103-6.

STAEHELIN LA. (1974)

Structure and function of intercellular junctions.
Int Rev Cytol. 1974;39:191-283. Review.

TEPASS U. (2003)

Claudin complexities at the apical junctional complex.
Nat Cell Biol. 2003 Jul;5(7):595-7. Review.

THOMAS PM, COTE GJ, WOHLCK N, HADDAD B, MATHEW PM, RABL W, AGUILAR-BRYAN L, GAGEL RF, BRYAN J. (1995)

Mutations in the sulfonylurea receptor gene in familial persistent hyperinsulinemic hypoglycemia of infancy.
Science. 1995 Apr 21;268(5209):426-9.

THOMAS P, YE Y, LIGHTNER E. (1996)

Mutation of the pancreatic islet inward rectifier Kir6.2 also leads to familial persistent hyperinsulinemic hypoglycemia of infancy.
Hum Mol Genet. 1996 Nov;5(11):1809-12.

THOMSON AB, HOTKE CA, WEINSTEIN WM. (1982)

Comparison of kinetic constants of hexose uptake in four animal species and man.
Comp Biochem Physiol A. 1982;72(1):225-36.

THOMZIG A, WENZEL M, KARSCHIN C, EATON MJ, SKATCHKOV SN, KARSCHIN A, VEH RW. (2001)

Kir6.1 is the principal pore-forming subunit of astrocyte but not neuronal plasma membrane K-ATP channels.
Mol Cell Neurosci. 2001 Dec;18(6):671-90.

TRUBE G, RORSMAN P, OHNO-SHOSAKU T. (1986)

Opposite effects of tolbutamide and diazoxide on the ATP-dependent K⁺ channel in mouse pancreatic beta-cells.
Pflugers Arch. 1986 Nov;407(5):493-9.

TSUKITA S, FURUSE M. (2000)

Pores in the wall: claudins constitute tight junction strands containing aqueous pores.
J Cell Biol. 2000 Apr 3;149(1):13-6. Review.

TSUKITA S, TSUKITA S. (1989)

Isolation of cell-to-cell adherens junctions from rat liver.
J Cell Biol. 1989 Jan;108(1):31-41.

- TUCKER SJ, GRIBBLE FM, ZHAO C, TRAPP S, ASHCROFT FM. (1997)**
Truncation of Kir6.2 produces ATP-sensitive K⁺ channels in the absence of the sulphonylurea receptor.
Nature. 1997 May 8;387(6629):179-83.
- TURNER JR. (2000)**
Show me the pathway! Regulation of paracellular permeability by Na⁽⁺⁾-glucose cotransport.
Adv Drug Deliv Rev. 2000 Jun 30;41(3):265-81. Review.
- TURNER JR, RILL BK, CARLSON SL, CARNES D, KERNER R, MRSNY RJ, MADARA JL. (1997)**
Physiological regulation of epithelial tight junctions is associated with myosin light-chain phosphorylation.
Am J Physiol. 1997 Oct;273(4 Pt 1):C1378-85.
- VAN ITALLIE CM, ANDERSON JM. (2004)**
The molecular physiology of tight junction pores.
Physiology (Bethesda). 2004 Dec;19:331-8. Review.
- VAN MEER G, SIMONS K. (1986)**
The function of tight junctions in maintaining differences in lipid composition between the apical and the basolateral cell surface domains of MDCK cells.
EMBO J. 1986 Jul;5(7):1455-64.
- VERKMAN AS, LENCER WI, BROWN D, AUSIELLO DA. (1988)**
Endosomes from kidney collecting tubule cells contain the vasopressin-sensitive water channel.
Nature. 1988 May 19;333(6170):268-9.
- WADE JB. (1986)**
Role of membrane fusion in hormonal regulation of epithelial transport.
Annu Rev Physiol. 1986;48:213-23. Review.
- WARTH R, BARHANIN J. (2003)**
Function of K⁺ channels in the intestinal epithelium.
J Membr Biol. 2003 May 15;193(2):67-78. Review.
- WILCOX ER, BURTON QL, NAZ S, RIAZUDDIN S, SMITH TN, PLOPLIS B, BELYANTSEVA I, BEN-YOSEF T, LIBURD NA, MORELL RJ, KACHAR B, WU DK, GRIFFITH AJ, RIAZUDDIN S, FRIEDMAN TB. (2001)**
Mutations in the gene encoding tight junction claudin-14 cause autosomal recessive deafness DFNB29.
Cell. 2001 Jan 12;104(1):165-72.
- WITTCHEN ES, HASKINS J, STEVENSON BR. (1999)**
Protein interactions at the tight junction. Actin has multiple binding partners, and ZO-1 forms independent complexes with ZO-2 and ZO-3.
J Biol Chem. 1999 Dec 3;274(49):35179-85.
- WRIGHT EM. (1966)**
Diffusion potentials across the small intestine.
Nature. 1966 Oct 8;212(58):189-90.

YAMADA M, ISOMOTO S, MATSUMOTO S, KONDO C, SHINDO T, HORIO Y, KURACHI Y. (1997)

Sulphonylurea receptor 2B and Kir6.1 form a sulphonylurea-sensitive but ATP-insensitive K⁺ channel.

J Physiol. 1997 Mar 15;499 (Pt 3):715-20.

YOKOSHIKI H, SUNAGAWA M, SEKI T, SPERELAKIS N. (1998)

ATP-sensitive K⁺ channels in pancreatic, cardiac, and vascular smooth muscle cells.

Am J Physiol. 1998 Jan;274(1 Pt 1):C25-37. Review.

ZINGMAN LV, ALEKSEEV AE, BIENENGRAEBER M, HODGSON D, KARGER AB, DZEJA PP, TERZIC A. (2001)

Signaling in channel/enzyme multimers: ATPase transitions in SUR module gate ATP-sensitive K⁺ conductance.

Neuron. 2001 Aug 2;31(2):233-45.