

Abstract #	Present first	Present last name	Title
1	Fenghe	Liang	Whole cell patch clamp as gap junction measurement in cultured cell on cover chip
3	Mathieu	Vinken	Connexin43 signalling triggers dedifferentiation in cultures of primary hepatocytes by facilitating spontaneous apoptosis
6	Sun	Zhibo	Growth differentiation factor 5 modulation of chondrogenic differentiation of self-assembled constructs involves gap junction-mediated intercellular communication
8	Zhuohua	Zhang	Pathogenic Mechanism and Therapeutic Potential of Cx31-associated Erythrokeratoderma Variabilis
14	Simon	O'Carroll	Connexin 30 is a key regulator in neuronal differentiation of human NT/D1 teratocarcinoma cells.
16	Jonathan	Gibbins	Gap junctions and connexin hemichannels in the control of haemostasis and thrombosis
17	Qing Cindy	Shao	Myogenic bladder defects in mouse models of human oculodentodigital dysplasia
19	Gaelle	Spagnol	Structural studies of the Nedd4 WW domains and their selectivity for the Cx43 carboxyl-terminal domain
24	Andrei	Belousov	Role of gap junctions in neuronal cell death
26	Gerhard	Dahl	Arachidonic acid closes innexin /pannexin channels and thereby inhibits microglia cell movement to a nerve injury.
27	Gerhard	Dahl	Assessing a potential role of host Pannexin 1 during Chlamydia trachomatis infection
32	Stefan	Kurtenbach	Pannexin 1 in Olfaction and Memory
36	Sandrine	Morel	Sphingosine-1-phosphate confers Cx43-mediated HDL cardioprotection
37	Joseph	Palatinus	The Connexin43 Mimetic Peptide aCT1 Interacts with an Alpha-Helical Domain at the Cx43 Carboxyl Terminus
40	Vera	Paschon	Gap Junction channels has specific roles during the development of the chick optic tectum.
43	Felicitas	Bosen	Mice expressing the Keratitis- Ichthyosis-Deafness mutation connexin26 S17F show an altered ceramide profile in the epidermis
44	Manuel	Riquelme	Connexin 43 Hemichannels in Autophagy Development and in Protection of Osteocytes through Preconditioning Mechanism
46	Donglin	Bai	A gap junction docking mechanism revealed by functional rescue of a disease-linked connexin mutant
48	Hanjun	Li	Identification of a novel tyrosine phosphatase that interacts with different connexin isoforms
49	Sarah	Hoffmann	Pannexin1 ohnologs in the retina of the zebrafish Danio rerio
50	Jose	Ek-Vitorin	Gating and permselective properties of Cx43 gap junction channels are modified in Cx43*NT37 chimera.
51	Amal	Bera	Pannexin 1 and Pannexin 3 form functional gap junctions in cell specific manner with electrophysiological and pharmacological properties distinct from connexin gap junctions
52	Sandrine	Morel	Titration of connexin43 in immune cells decreases atherosclerotic plaque development in mice
55	Hsueh-Hsiao	Wang	Down-regulation of connexin43 in human smooth muscle progenitor cells attenuates the proendothelial property
56	Amal	Bera	P2X7 receptor modulates Pannexin 1 hemichannel activity
64	Patricia	Martin	A mouse model for Keratitis- Ichthyosis Deafness (KID) syndrome and underlying mechanism of disease
66	Richard	Benninger	Low Level Inflammation Affects $\beta$ -Cell Gap Junction Coupling and Insulin Dynamics in Pancreatic Islets
68	Joanna	Bou Saab	Cx26 Expression and Repair of Airway Epithelial Cells are controlled by PPAR and Notch Pathways
75	Elizabeth	Mitchell	Regulation of Connexin43 by Wnt5a in mammary epithelial cells
87	Lisa	Ebihara	Effect of external divalent cations on Cx46 hemichannels in fiber cells
88	Masanori	Tachikawa	Application of quantitative targeted proteomics to the human blood-brain barrier hemichannel research
94	Scott	Johnstone	Intracellular Targeting of Cx43 Regulates Vascular Smooth Muscle Cell Proliferation
95	Mona	Al-Mugotir	Structural characterization of the carboxyl terminal domain from different connexin isoforms
96	Matthias	Falk	Endocytosed gap junctions are degraded by autophagy
98	Marie	Billaud	Regulation of pannexin1 by the $\alpha$ 1D adrenergic receptor
107	Miranda	Good	Extracellular loop structure is uniquely critical to Cx37 hemichannel as well as gap junction channel function.
109	Bruce	Nicholson	Significance of hemichannel voltage gating and trafficking in deafness and skin disease revealed by variation at A88 in Cx26 and 30
110	Bruce	Nicholson	Two Residues Determine Docking Specificity of Heterotypic Interactions Between Connexins of Different Subfamilies
111	Brad	Bennett	X-ray structures of the human Cx26 gap junction channel identify Ca <sup>2+</sup> binding sites and suggest a novel electrostatic mechanism that modulates ion selectivity (deliberate duplica
112	Rachael	Norris	Site specific phosphorylation changes on Connexin43 during lactation
121	Luc	Leybaert	Blocking connexin hemichannels inhibits smooth muscle cell Ca <sup>2+</sup> oscillations and contractility of intact small mesenteric arteries.
123	Helmuth	SANCHEZ	The mutation A40V in Cx26- hemichannels induce loss of sensitivity to external pH and external zinc.
131	Eliana	Scemes	Contribution of Pannexin1 to experimental autoimmune encephalomyelitis
133	David	Spray	Adipocytes in both brown and white adipose tissue are functionally connected via gap junctions: implications for Chagas' disease
173	Virgis	Valiunas	Two cellular delivery pathways for siRNA
186	Marwan	El Sabban	Context-dependent reversion of tumor phenotype by connexin-43 over-expression in breast cancer cell lines: A role for $\beta$ -catenin/connexin43 association
188	Marwan	El Sabban	Expression and Regulation of Connexins in Intestinal cells in an IBD model
191	Alonso	Moreno	Mechanisms for Low and High pH gating of connexins 43 channels
198	Mauricio	Lillo	Differential NO-mediated regulation of specific connexin- and pannexin-1-based hemichannels in endothelial cells by S-nitrosylation and cGMP-PKG pathways.
200	Paul	Dyce	Cx43 is required for the maintenance of pluripotency in skin-derived stem cells