

Abstract #	Present first name	Present last name	Title
111	Brad	Bennett	X-ray structures of the human Cx26 gap junction channel identify Ca ²⁺ binding sites and suggest a novel electrostatic mechanism that modulates ion selectivity
124	Masakatsu	Watanabe	Connexin41.8 is required for the melanophore-xanthophore interaction in zebrafish
128	J. Matthew	Rhett	The Denizens of the Perinexus: Connexin43, ZO-1, N-cadherin, and Nav1.5 at the Intersection of Structure and Function
130	Eliana	Scemes	Pannexin 1 and bladder dysfunction in multiple sclerosis.
132	Eliana	Scemes	Hypomorphic phenotype of a Pannexin1 transgenic mouse line
134	Richard	Veenstra	Interfering amino terminal peptides and functional implications for heteromeric gap junction formation
136	Bradley	Hersh	Role of innexins and vinnexins in Drosophila immune response
137	Jay	Potts	Delivery of a Novel Connexin- 43 Mimetic Peptide Enhances Wound Healing
140	Garcia	Isaac	Gain of function of hemichannels produced by aberrant interactions between Cx43 and deafness-associated Cx26 mutants
141	Donglin	Bai	Functional roles of the amino terminal domain in determining biophysical properties of Cx50 gap junction channels
142	Vytenis	Skeberdis	Long distance communication between laryngeal carcinoma cells through membranous tunneling tubes and Cx43 gap junctions
144	Michael	Stewart	Mammary gland specific knockdown of the physiological surge in Cx26 during pregnancy retains normal mammary gland development and function
145	Paxton	Moon	Investigating the role of Pannexins in skeletal development and osteoarthritis
146	Claire	Lorraine	A combined mathematical and experimental approach predicts the influence of Connexin43 on cell migration events.
147	Kristin	Pogoda	Cx43 modulates cell migration and filopodia formation
148	Luis	Cea	De novo expression of connexin-based hemichannels explains the enhanced sarcolemma permeability to molecules and death of skeletal myofibers in mdx mice.
149	Xiaoting	Hong	Modification of glioma microenvironment by direct cell-to-cell transfer of microRNAs mediated by gap junctions
151	Catherine	Wright	Cx31.1 is associated with apoptosis in scrape-wounded 'diabetic' skin models
153	Rachael	Kells	Ubiquitin: Its Role in the Internalization and Autophagic Degradation of Cx43 Gap Junctions
155	Hung-I	Yeh	Genetic knocking down of Atrial Connexin40 proteins in canine Predisposed the heart to Atrial Fibrillation
156	Samantha	Salvage	Quantitative relationships between gap junction resistance and myocardial conduction velocity
157	Richard	Ruez	Functional expression of Pannexin 1 in the hypoxic human airway epithelium
158	Arvydas	Skeberdis	Role of cysteines in neuronal Cx36 gating by pHi, lipophilic compounds and voltage
159	John	Kelly	Cx30 regulates wound healing in the cochlea
161	Merlijn	Meens	Endothelial Cx37 and Cx40 regulate basal NO-release
162	Shan-Shan	Zhang	The actin cytoskeleton confers specificity to Cx43 gap junction delivery
163	Anastasia	Thévenin	Specific Phosphorylation/ Dephosphorylation events on the Cx43 C-terminus regulate AP-2 access and Gap Junction internalization
165	Felicitas	Bosen	The human Clouston syndrome mutation connexin30 A88V leads to enlargement and hyperproliferation of sebaceous glands in mice
166	Emmanuel	Dupont	HL-1 cardiomyocytes, a cellular tool to study action potential propagation.
167	Valery	Shestopalov	Role of Pannexin1 in Primary Myoblast Activation and Differentiation
169	Virgis	Valiunas	Altered conductance and permeability of Cx40 mutations linked to atrial fibrillation
174	Gaelle	Spagnol	Structural Studies of Panx1 Cytoplasmic Domains
175	Gina	Sosinsky	Analysis Of Trafficking, Stability and Function Of Human Connexin 26 (Cx26) Gap Junction Channels With Deafness-Causing Mutations in the Fourth Transmembrane (TM4) Helix
176	Yasufumi	Omori	Intra-Golgi Cx32-induced expansion of cancer stem cells - Involvement of the adaptive response pathway to ER stress
177	Sandra	Murray	Annular Gap Junction Vesicle Processing: Formation to Degradation
179	Alonso	Moreno	Brownian permeability computation model predicts that internal radii pore asymmetry and electric fields are determinant for preferential fluxes through gap junction channels
180	Matt	Turnbull	Functional Diversity of Innexins In a Virus-Host System
181	Juan	Zou	Identification of the Calmodulin Binding Domain in γ Family Connexin
183	Melanie	Busby	Evaluation of Cx43 Role in Mammary Gland organogenesis by a Novel 3D Co-culture Model.
185	Marwan	El Sabban	Exosomes: a novel "coerced cell-to-cell communication" mechanism.
187	Marwan	El Sabban	Anti-angiogenic agent and gap junction inhibitor reduce MDA-MB-231 breast cancer cell invasion and metastasis in vitro and in vivo
189	Marwan	El Sabban	Intercellular communication in patho-physiology of hematopoiesis
190	Daniel	Hansen	Distinct permeation profiles of the connexin 30 and 43 hemichannels
194	Mariela	Puebla	Key role of nitric oxide in neurovascular coupling coordination by hemichannel-mediated ATP release from astrocytes
196	Pablo	Gaete	CGRP-induced activation of pannexin-1 channels leads to long term inhibition of nitric oxide production in mesenteric arteries
199	Samantha	Adamson	Pannexin 1 controls adipocyte metabolism
182	Trond	Aasen	Expression and correlation analysis of gap junction proteins in human tumours
192	Xueyao	Jin	Electron Microscopy of Human Pannexin 1 Channels
201	Parul	Katoch	Two dileucine-like motifs govern the assembly of connexin32 into gap junctions