



Ichha Niemeyer was born in Santiago and studied at Sciences Faculty, from Universidad de Chile, where she trained in Biological Sciences. After working at the Centre Hospitalier Universitaire in Lausanne, Switzerland and the Physiology Laboratory in Cambridge, UK, she completed her PhD at Cambridge University. Her thesis on glutamatergical neurotransmission of the central nervous system of invertebrates was supervised by David Sattelle from the Zoology Department. Later, she worked as a postdoctoral researcher at the Molecular Biology Laboratory of the Medical Research Council (MRC). Her subject of study was the serotonin receptor. In 1994, she returned to Chile, where she taught the Medicine students at Universidad de Santiago. In 1999, she moved to the Facultad de Medicina of Universidad de Chile, to research the role of the potassium channels on the regulation of cellular volume. In 2000, she joined the Centro de Estudios Científicos, CECs, in Valdivia. Her current main interest is on the TASK potassium channels regulation.

**SELECTED PUBLICATIONS** A novel Kir7.1 splice variant expressed in various mouse tissues shares organisational and functional properties with human Leber amaurosis-causing mutations of this K<sup>+</sup> channel.

Vera E, Cornejo I, Burgos J, Niemeyer MI, Sepúlveda FV, Cid LP. *Biochem Biophys Res Commun.* 2019 Jun 30;514(3):574-579. doi: 10.1016/j.bbrc.2019.04.169. Epub 2019 May 3.

Tissue Distribution of Kir7.1 Inwardly Rectifying K<sup>+</sup> Channel Probed in a Knock-in Mouse Expressing a Haemagglutinin-Tagged Protein.

Cornejo I, Villanueva S, Burgos J, López-Cayuqueo KI, Chambrey R, Julio-Kalajzić F, Buelvas N, Niemeyer MI, Figueiras-Fierro D, Brown PD, Sepúlveda FV, Cid LP. *Front Physiol.* 2018 Apr 23;9:428. doi: 10.3389/fphys.2018.00428. eCollection 2018.

Phosphatidylinositol (4,5)-bisphosphate dynamically regulates the K2P background K<sup>+</sup> channel TASK-2.

Niemeyer MI, Cid LP, Paulais M, Teulon J, Sepúlveda FV. *Sci Rep.* 2017 Mar 30;7:45407. doi: 10.1038/srep45407.

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