



Dr Israel (Isro) Gloger, PhD, FRSB

Director
Trust in Science
Alternative Discovery and Development
GlaxoSmithKline

Isro Gloger was born in Buenos Aires, Argentina.

He started his academic training in Biology at University of Buenos Aires in 1975.

In 1977 he received a fellowship from the Hebrew University of Jerusalem, Israel, where he completed his first degree in Biology and his Masters degree in Biochemistry.

In 1985 Isro Gloger completed his PhD at the Hebrew University, Jerusalem, working on the Molecular Mechanisms of Interferon antiviral activity against Herpes Virus and Murine Leukemia Virus.

He then obtained a European Molecular Biology Organisation (EMBO) postdoctoral fellowship to work at the National Institute for Medical Research in London, UK, on the binding properties of Influenza Haemagglutinin (1985-1987).

He completed a second post doctoral project at the Imperial Cancer Research Fund, London, with on the Molecular Gene Expression Patterns during Mineralisation of a Virally induced Osteosarcoma Cell Line (1987-1989).

Isro joined GlaxoSmithKline (GSK) in 1989 as team leader of the Molecular Genetics Unit, Biotechnology Directorate. He then developed to positions of increased responsibility, including Head of the Molecular Biology Department, UK, Transnational Director of the Gene Cloning Department, Transnational Director of the Disease and Biomarker Proteomics Department, Director of Discovery Technologies Department and Director and Head of the Molecular and Cellular Technologies Department

As from 2010, Isro is the Director of the Trust in Science Programme, responsible for developing public-private partnerships and scientific interactions between GSK and research institutions in Emerging Countries in particular in Latin America and Africa. He is responsible for the establishment and execution of research projects in Argentina, Brazil, Uganda, Kenya and Tanzania as well as training programmes in both Brazil and Mexico.

In 2013 Isro won the prestigious prize RAICES, given by the Argentinian Ministry of Science, in recognition of his work in developing international links with the scientific community in Argentina.

In January 2017 Isro was elected as a Fellow of the Royal Society of Biology in the United Kingdom.

He has 32 accepted peer reviewed publications and over 50 international meeting publications and invited talks.

Representative Publications

1. **Gloger, I.S.** and Panet, A. (1984) Synthesis of Herpes Simplex virus proteins in interferon treated human cells. *Journal of General Virology*, 65, 1107-1111.
2. **Gloger, I.S.**, Arad, G and Panet, A. (1985) Regulation of Moloney Murine Leukemia virus replication in chronically infected cells, arrested at the G₀/G₁ phase. *Journal of Virology*, 54, 844-850.
3. **Gloger, I.** and Panet, A. (1986) Glutamine starvation of Murine Leukemia virus infected cells inhibits the readthrough of the gag-pol genes and the proteolytic processing of the gag polyprotein. *Journal of General Virology*, 67, 2207-2213.
4. Elshourbagy, N.A., Near, J.C., Kmetz, P.J. Wells, T.N.C., Groot, P.H.E., Saxty, B.A., Hughes,

- S.A., Franklin, M. and **Gloger, I.S.** (1992) Cloning and expression of a human ATP-citrate lyase c-DNA. *Eur J Biochem*, 204, 491-499.
5. Tew, D.G, Southan, C, Rice, S.Q.J, Lawrence, G.M.P, Li, H, Boyd, H.F, Moores, K, **Gloger, I.S** and MacPhee, C.H (1995) Purification, sequencing and cloning of a lipoprotein-associated, serine dependent phospholipase involved in the oxidative modification of low density lipoprotein. *Atherosclerosis Thrombosis and Vascular Biology* 16 (4), 591-599.
 6. Hussain, I, Howlett, D.R, Powell, D. J, Tew, D, Meek, T, Chapman, C.G, **Gloger, I.S**, Murphy, K.E, Southan, C.D, Ryan, D.M, Smith, T.S, Simmons, D.L, Walsh, F.S, Dingwall, C and Christie, G. (1999) Identification of a Novel Aspartic Protease (Asp2) as β -secretase. *Molecular and Cellular Neuroscience* 14, 419-427.
 7. Chapman, C.G, Meadows, H.J, Godden, R.J, Campbell, D.A, Duckworth, M, Kellsell, R.E, Murdock, P.R,Randall, A.D, Rennie, G.I and **Gloger, I.S** (2000). Cloning, localisation and functional expression of a novel human, cerebellum specific, two pore domain potassium channel. *Molecular Brain Research*, 82 (1-2), 74-83.
 8. Bates, S, Read, S, Parsons, A, Barone, F, Harrison, D, Michalovich, D, Topp, S and **Gloger, I.S** (2001) Identification and characterisation of transcripts up- regulated in the MCAO rat model of stroke. *Molecular Brain Research*,93, 70-80
 9. Cutler, P, Akuffo, E.L, Bodnar, W.D, Briggs, D.M, Davis, J.B, Debouck, C.M, Fox, S.M, Gibson, R.A, Gormley, D.A, Holbrook, J.D, Hunter, A.J, Kinsey, E.E, Prinjha, R, Richardson, J.C, Roses, A.D, Smith, M.A, Tsokana, N, Wille, D.R, Wu, W, Yates, J.W and **Gloger, I.S.** (2008). Identification of Biomarkers for early Alzheimer's disease by proteomic analysis of plasma. *Proteomics, Clinical Applications* 2, 467-477
 10. Smith, A.M, Rahman, F.Z, Havee, B.H, Graham, S.J, Marks, D.J.B, Sewell, G.W, Palmer, C.D, Wilde, J, Foxwell, B.M.J, **Gloger, I.S**, Sweeting, T, Marsh, M, Walker, A.P, Bloom, S.L, Segal, A.W (2009). Macrophage cytokine secretion underlies impaired acute inflammation and bacterial clearance in Crohn's disease. *Journal of Experimental Medicine* , 206 (9), 1883-1897
 11. Dow, D, Huxley-Jones, J,Hall, J.M, Francks, C, Maycox, P.R, Kew, J.N.C, Israel S **Gloger, I.S**, Mehta, N.A.L,Kelly, F.L, Muglia, P, Breen, G, Jugurnauth, S, Pederoso, I, St.Clair, D, Rujescu, D, Barnes, M.R (2010). *ADAMTSL3* as a candidate gene for schizophrenia: gene sequencing and ultra-high density association analysis by imputation. *Schizophrenia Research* (In press)