

International Conference on

Neuroimmunology, Neurological disorders and Neurogenetics

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Neurology, Neuroscience and Neuropharmacology

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Barbara Arrowsmith Young

Arrowsmith Program, Canada

A personal journey into the world of the brain: Shaping the mind/function and plasticity

In this presentation, Barbara will talk about her journey of discovery, the lines of research she combined and the outcomes achieved over her 35 years as an educator and researcher. She will describe a number of learning disorders, from those that impact the learner in school to those that affect us in life. She will discuss 'cognitive glitches' - those areas of weakness that we are all familiar with and often explain away by saying, "I am just not good at navigating, recognizing faces, (fill in the blank)." She will discuss 'cognitive mismatches' - situations we find ourselves in where the demand of the task is incompatible with our cognitive functioning and the challenges this presents. Principles of neuroplasticity and the factors leading to both positive and negative brain change will be discussed.

Biography

Barbara Arrowsmith Young holds both a B.A.Sc. in Child Studies from the University of Guelph and a Master's degree in School Psychology from the University of Toronto (Ontario Institute for Studies in Education). After her undergraduate studies were completed Barbara worked as the Head Teacher in the lab preschool at the University of Guelph for two years where she began to observe learning differences in preschool children.

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