

“Understanding the causes of developmental dysgenesis of the corpus callosum.”

Prof Linda J. Richards

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The corpus callosum is the largest fibre tract in the human brain. It connects neurons in the left and right cortical hemispheres of the brain and is important for sensory-motor integration, language and complex social interactions. Malformations of the corpus callosum occur in 1:4000 live births, making it one of the most common neurological birth defects. The outcome for these individuals can range from very high functioning in isolated agenesis to severely affected individuals whose callosal malformation is part of a syndrome. In this talk, Prof Richards will describe some of the developmental mechanisms required to form the corpus callosum and how these mechanisms are disrupted in a variety of human developmental brain disorders associated with dysgenesis of the corpus callosum.

Date:

**Thursday,
24th August 2017
12:00pm – 1:00pm**

A light lunch and refreshments will follow

Location:

**TRF Building,
Level 2
Seminar rooms 1+2
27-31 Wright Street,
Clayton, 3168**

