I'm participating in the Ethiopian project- Eye opener: Development of vision following late emergence from congenital blindness. We are working with newly sighted children following cataract operation trying to understand how early and long visual deprivation effects visual development.

One of my projects is dealing with the visuo-motor abilities of the children testing accuracy and motor skills learning dependent on visual input. Another project is about the Mirror Neurons System. In daily life we make different hand gestures (pointing, grasping etc.) which we learn through time from people around us. Here we are trying to see if newly sighted children can understand the differences between different types of hand gestures even without learning it through vision.
The Jerusalem Brain Sciences Building will provide a state-of-the-art research and teaching facility for the Edmond and Lily Safra Center for Brain Sciences.

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