BIOAUTISM 2012 PROGRAM
The Queensland Brain Institute, The University of Queensland
27 January, 2012

8.30-9.00  Registration
9.00-9.10  Welcome

Session 1 – Aetiology
9.10-9.40  Honey Heussler (MMRI, Mater Hospital)
Clinical practice and diagnosis
9.40-10.10  David Reutens (CAI, Uni Queensland)
Sodium valproate exposure in utero as a risk factor for autism and
language impairment
10.10-10.40  Natasha Brown (Uni Melbourne)
Multiplex studies and gene candidates

10.40-11.10  Morning tea

Session 2 – Cognition
11.10-11.40  Jon Brock (Macquarie Uni)
Atypical neural responses to illusory auditory pitch in individuals with
autism
11.40-12.00  Giacomo Vivanti (OTARC, La Trobe Uni)
Neurocognitive underpinnings of learning difficulties in autism
12.00-12.20  Tom Perkins (Deakin Uni)
Mirror neuron dysfunction in high functioning autism

12.20-1.30  Lunch

Session 3 – Molecular Mechanisms
1.30-2.00  Elisa Hill (Uni Melbourne)
Altered gastrointestinal function and social behaviour in the
neuroligin-3 mouse model of autism
2.00-2.30  Charles Claudianos (QBI, Uni Queensland)
Synapse development and autism
2.30-2.50  Naomi Bishop (La Trobe Uni)
An expanding gene family implicated in autism spectrum disorder
2.50-3.10  Robyn Cosford (Bio21, Uni Newcastle)
Gastrointestinal dysbiosis, immune responses and neurological
sequelae in autism

3.10-3.40  Afternoon tea

Session 4 – Experimental Therapies
3.40-4.10  Peter Enticott (Monash Uni)
Transcranial magnetic stimulation in autism spectrum disorders
4.10-4.30  Adam Guastella (BMRI, Uni Sydney)
Oxytocin as a treatment to improve social cognition and functioning:
potential for treatment in autism
4.30-4.50  Steven Kloprogge (MCRI)
Multi-site, randomised, placebo-controlled trial of fluoxetine in
children and adolescents with autism

4.50-5.30  Discussion and close
5.30+  Reception