

# Child Neurosciences Research Group (CNRG)

*Better understanding,  
interventions & outcomes*

## IMPROVE OUTCOMES

- Prevention & Early Detection
- Novel Disease Specific Therapies
- “Brain Protective” Clinical Care
- Enhanced Rehabilitation Strategies

## DETERMINE BIOLOGICAL BASIS

### *Core facilities & state-of-art methods*

- Molecular / Genes, Proteins, Metabolites
- Behavioral / Syndromes & Phenotypes
- Neuroimaging / Anatomy & Physiology
- Neuroinformatics / “Databasing the brain”
- Neuroepidemiology / Population databases

## IDENTIFY KEY PROBLEMS (examples)

- Fetal & Neonatal Brain Injury
- Stroke and Epilepsy
- Autism & Neurodevelopmental Disorders
- Genetic & Metabolic Brain Disorders
- Traumatic Brain Injury

## Enhance integration of basic, clinical & translational research

- *New Members*
- *New Collaborations*
- *New Opportunities*

