The mission of ACTION is to develop a comprehensive framework of the causes of individual differences in paediatric aggression. The ACTION consortium has access to a clinical sample of aggressive children and to large international paediatric Twin-Family cohorts.

1. VU University Amsterdam, NL
2. Leiden University Medical Centre, NL
3. Queensland Institute of Medical Research, AU
4. Karolinska Institutet, Stockholm, SE
5. University of Helsinki, FI
6. King’s College London, UK
7. University of Cagliari, IT
8. Erasmus University Medical Centre, Rotterdam, NL
9. University of Notre Dame, USA
10. Diagenode, BE (SME)
11. Good Biomarker Sciences, NL (SME)
12. Leiden University, NL

In collaboration with: Institute for Behavioral Genetics, USA

WP1. Management; supported by independent SAB and EAB

WP2. Clinical epidemiology
• Current treatment practice
• Clinical Problems related to aggression treatment
• Clinical data of responders vs. non-responders to treatment

WP3. Genetic epidemiology
• Genetic Architecture
• Epigenetics
• GWA
• GCTA

WP4. Genetic-Environment
• Environmental Architecture
• Gene-Environment Correlation
• Gene-Environment Interaction

WP5. Metabolomics
• Correlation of Existing Biomarkers
• New Metabolic Biomarkers

WP6. Prevention and Treatment
• ELSI issues concerning novel treatment and intervention programs
• Overarching framework to guide novel interventions
• Causative and modifiable targets to pave the way for novel therapies

WP7. Dissimination