



Aggression in Children: unraveling gene-environment interplay to inform Treatment and Intervention strategies



European Commission Seventh Framework Programme

### **ACTION** consortium

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### **ACTION**



- ACTION: Aggression in Children: unraveling gene-environment interplay to inform Treatment and InterventiON strategies
- 12 partners, from 8 countries
- 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**

**PROGRAMME** 



## ACTION partners





- VU Amsterdam (NL)
- Leiden University Medical Center (NL)
- Leiden University (NL)
- Erasmus University MC (NL)
- Good Biomarker Sciences (NL)
- Queensland Institute of Medical Research (Australia)
- Karolinska Institutet (Sweden)



- University of Helsinki (Finland)
- King's College London (UK)
- University of Notre Dame du Lac (US)

Member(s) SAB

- University of Cagliari (Italy)
  - Diagenode SA (Belgium )

Partner 3



## Project architecture



#### WP1. Management



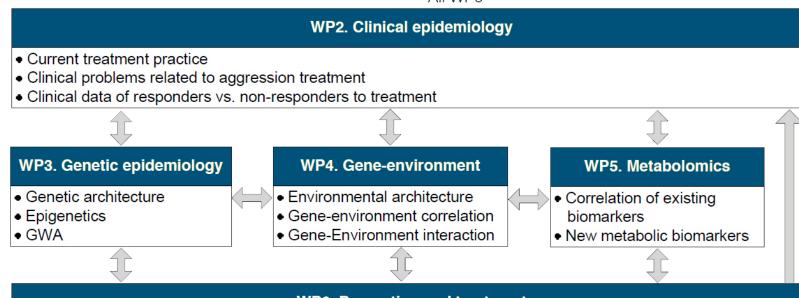
Clinical state of the art

Cohorts

Biomarkers and causative targets

Clinical utility

Stakeholder interaction



#### 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

All WPs

WP7. Dissemination



### ACTION scientists present today!











- Anne Hendriks (VU Amsterdam)
- Jenny van Dongen (VU Amsterdam)
- Koel Bolhuis (Erasmus MC)
- Fiona Hagenbeek (VU Amsterdam)
- Hill Fung Ip (VU Amsterdam)
- Audri Lamers (Curium-LUMC)
- Justin Luningham (University of Notre Dame)
- Peter Roetman (Curium-LUMC)
- Alyce Whipp (University of Helsinki)
- Michel Nivard (VU Amsterdam)







# Thank you for your attention

