



**AUTOUR DES
WILLIAMS**

ASSOCIATION FRANCOPHONE DU
SYNDROME DE WILLIAMS & BEUREN

NEW INTERNATIONAL CALL FOR RESEARCH PROJECTS ABOUT WILLIAMS SYNDROME

“Autour des Williams” Association is launching a new international call for research projects about Williams Syndrome.

The deadline for project submissions is 20th October 2017.

“Autour des Williams” in a few words

Autour des Williams is a French parent’s association. It brings together families with children born with Williams syndrome and raises awareness about this rare genetic condition. One of the main purposes of the association is to fund scientific research programs about the syndrome.

Our funds derive from several sources:

Donations, grants, profit from sales (such as calendars and t-shirts), support from generous contributors, active fundraising events organized by our wonderful active members.

Aim of this call for proposals

The purpose of this new annual call is to select research programs that should start in 2018 or 2019. Funding will be attributed to projects selected by our medical & scientific advisory committee and our executive board members.

This year we raised 33 000 € that will be attributed for the launch of research programs.

Required criteria

The projects selected for funding will be based on several criteria including: methodology, relevance, feasibility, impact on improving the patients’ well-being, scientific originality.

Here is a list of past selections:

2016

1. **14,457 euros**
What early processes in infancy have the greatest impact on later developmental outcomes in children with Williams syndrome?
Dr. Dean d'Souza et al.
UCL Institute of Education and Birkbeck Centre for Brain & Cognitive Development, University of London. UK
2. **8,709 euros**
Compétences visuo-spatiales des personnes avec un syndrome de William : Jouer pour s'améliorer
Dr. Julie Heiz et al.
Université de Genève – FAPSE. Genève. Suisse.
3. **11,500 euros**
Cooperative parent mediated therapy in children with Williams syndrome
Dr. Paolo Alfieri et al.
Bambino Gesù Children's Hospital. Italie
4. **13,200 euros**
Specific navigational training programs for supporting independence and mobility in individuals with Williams syndrome
Dr. Francesca Irene Foti et al.
University of Rome "Sapienza", Dept. of Psychology. Italie

2015¹

5. **16 663 euros**
Epigenetic mechanisms in Williams syndrome
Dr. Lucy Osborne et al.
University of Toronto.- Canada
6. **13,328 euros**
Evaluation de l'atteinte artérielle systémique dans le syndrome de Williams adulte : exploration multimodale.
Dr. Magali Ladouceur et al.
Hôpital Européen Georges Pompidou, APHP, Paris - France
7. **11,100 euros**
The effect of sleep on learning and anxiety in adolescents with Williams syndrome
Dr. Dagmara Dimitriou et al.
UCL Institute of Education, University College London - UK
8. **10,000 euros**
Modeling Williams syndrome neural development with "mini-brains" in a dish
Dr. Alysson Renato Muotry et al. - University of California San Diego - USA

2014

9. **16,000 euros**
Inhibitory processes and memory mechanisms in adults with Williams syndrome: A neuropsychological and functional connectivity approach, using magnetoencephalography.
Dr. María Sotillo et al. - The University Universidad Autonoma de Madrid - Spain

¹ Including 11.1 k€ from Williams France Federation

2013²

10. **7,925.40 euros**
**Increasing the awareness of anxiety in Williams syndrome –
A support package for teachers**
Dr. Mary Hanley et al. - University of Durham - UK
11. **5,225 euros**
**Approche exome pour l'identification du/des gène(s) responsable(s) du
syndrome de Williams-Beuren sans micro délétion au locus 7q11.23**
Professeur Stéphane Bézieau et al. - CHU Hôtel-Dieu de Nantes - France
12. **6,458.40 euros**
**Caractérisation moléculaire de 4 patients atteints de syndrome de
Williams et Beuren et traits autistiques, par séquençage à haut débit
(exome)**
Prof. Rossi, Prof Edery et al.
Centre de Recherche en Neurosciences de Lyon - France

2012

13. **15,000 euros**
**Pharmacological stimulation of elastin synthesis and cross-linking by
vascular smooth muscle cells**
M. Fauray, MP Jacob et al. - France
14. **18,500 euros**
**Psychopathological comorbidity and appropriateness of psychiatric
treatments in intellectual disability : the case of Williams Syndrome**
Dr Floriana Costanzo et al. - Children Hospital Bambino Gesù, Irccs – Rome -
Italy

2011

15. **6,000 euros**
SW-READ
Nathalie Marec-Breton et al., Université Rennes 2
16. **13,588 euros**
Understanding depth perception in Williams syndrome
Emily Farran et al., Psychology and Human Development, London
17. **4,425 euros**
**Alterations in domain-relevant mechanisms constrain language
acquisition in Williams syndrome**
D'SOUZA Dean, Professor A.Karmiloff-Smith et al., Department of Psychological
Sciences, School of Science, Birkbeck, University of London
18. **10,205 euros**
**Exploring sound strategies for language learning in children
with Williams syndrome**
Professor A.Karmiloff-Smith et al., Department of Psychological Sciences,
School of Science, Birkbeck, University of London

2008

19. **5,000 euros**
Organisation of the international conference at Disney
20. **11,549 euros**
**Utilisation des points de repère dans la navigation spatiale chez les
personnes avec un syndrome de Williams : une recherche avec des
environnements virtuels**
Dr. E. Farran et Dr. Y. Courbois Londres / Lille

² Including 3k€ from the Williams Bretagne Organization

2007

21. **18,700 euros**
Sleep, behaviour and learning in young children with Williams syndrome
Dr. A. Dagmara et Prof. Karmiloff-Smith - GB
22. **16,000 euros**
Potassium-induced signaling, Minoxidil and pharmacotherapy of mice genetically deficient for elastin
G. Faury, M.-P. Jacob, G. Bricca et al., Grenoble - Paris – Lyon - France
23. **17,000 euros**
Characterization of a mouse model that mimic the most common deletion found in Williams-Beuren syndrome patients
V. Campuzano et al, Barcelona, Spain
24. **3,000 euros**
Spécificité lexicale chez les enfants avec le syndrome de Williams : Asymétrie consonne/voyelle ?
M. Havy and T. Nazzi, Paris

2006

25. **15,000 euros**
Etude génétique des délétions responsables du syndrome de Williams-Beuren au moyen des techniques de QM-PSF et de CGH microarray haute densité (puce à ADN)
Prof. Edery et al, Laboratoire de Cytogénétique Lyon
26. **10,960 euros**
Quelles situations d'interaction favorisent l'expression des capacités langagières des enfants ?
Prof. Bernicot et al, Laboratoire de psychologie Poitiers
27. **2,550 euros**
La dépression chez les adultes SW
M^{lle} Aurélie Capel et al., CHU de Poitiers, service de génétique médicale

2005

28. **4,000 euros**
Efficacité du Minoxidil chez les enfants atteints du syndrome de Williams et Beuren : Un essai clinique randomisé
Prof. Bricca et al, UFR Médecine R.T.H. Laennec Lyon
29. **158.20 euros**
IRM pour profil langagier
M^{lle} Agnès Lacroix, Laboratoire de psychologie Poitiers

Selection procedure

Deadline for project receipt: **20th October 2017**

Projects should be written in plain language, in French or English and should include:

- A clear and detailed description of the project (some of the scientific advisory committee members are not specialists of the subject, the project should be written in a plain language)
- The aims and expected benefits for patients
- A detailed financing plan

The total length of the proposal should not exceed 5 pages

Please send your proposals to: williamscall@free.fr

The projects will be assessed by our medical & scientific advisory committee as well as our executive board.

Prof. Brigitte Gilbert-Dussardier

Chairwoman of the scientific committee. Medical Genetics, CHU Poitiers

Prof. Marie-Paule Jacob,
Inserm, Hôpital Bichat-Claude Bernard, Paris

Prof. Sibylle Vital,
Professor of Pediatric Dentistry, Université Paris Descartes - Hôpital Louis Mourier, APHP, Paris

Dr. Agnès Lacroix,
Centre de Recherches en Psychologie, Cognition et Développement, Rennes

Dr. Yves Dulac,
Cardiologue, Hôpital des Enfants, Toulouse

M. François de Oliveira Santos,
Chairman, Autour des Williams

Prof. Damien Bonnet,
Cardiologue, Hôpital Necker, Paris

Dr. Alain Londero,
ORL, Hôpital Georges-Pompidou, Paris

M^{me} Anne-Laure Thomas,
Chairwoman, Autour des Williams

Should your project be accepted, you will receive a detailed report with a summary of the results, publications and how the funds were used.

Many thanks for your support.

M. François de Oliveira Santos, Chairman,
Autour des Williams

Prof. Brigitte Gilbert-Dussardier
Scientific Chairwoman

M^{me} Anne-Laure Thomas
Chairwoman
Autour des Williams



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