



# 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 2019 or 2020. Funding will be attributed to projects selected by our medical & scientific advisory committee and our executive board members.

This year we raised **32 000 €** 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.



## Selection procedure

Deadline for project receipt: **20<sup>th</sup> October 2018**

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](mailto: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*

**Dr. Agnès Lacroix,**

*Centre de Recherches en Psychologie, Cognition et Développement, Rennes*

**Prof. Damien Bonnet,**

*Cardiologue, Hôpital Necker, Paris*

**Prof. Marie-Paule Jacob,**

*Inserm, Hôpital Bichat-Claude Bernard, Paris*

**Dr. Yves Dulac,**

*Cardiologue, Hôpital des Enfants, Toulouse*

**Dr. Alain Londero,**

*ORL, Hôpital Georges-Pompidou, Paris*

**Prof. Sibylle Vital,**

*Professor of Pediatric Dentistry, Université Paris Descartes - Hôpital Louis Mourier, APHP, Paris*

**M. François de Oliveira Santos,**

*Chairman, Autour des Williams*

**M<sup>me</sup> 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<sup>me</sup> Anne-Laure Thomas  
Chairwoman  
Autour des Williams



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Here is a list of past selections:

2017<sup>1</sup>

1. **10,114 euros**  
**Caractérisation de biomarqueurs dans le syndrome de Williams et Beuren**  
Prof. Massimiliano ROSSI et al.  
Centre de Référence Anomalies du Développement et Syndromes Malformatifs, Service de Génétique - Hospices Civils de Lyon- Bron, France
2. **15 000 euros**  
**Sénescence cellulaire dans le syndrome de Williams-Beuren**  
Dr. Nadine Martin et al.  
Cancer Research Centre of Lyon, UMR INSERM 1052 / CNRS 5286 LYON, France
3. **11 000 euros**  
**LA THERAPIE COGNITIVE ET COMPORTEMENTALE DE L'ANXIÉTÉ DANS LE SYNDROME DE WILLIAMS**  
Dr. Natacha Lehman et al.  
Service de génétique médicale du CHU de Montpellier, France
4. **25 654 euros**  
**« Jouer avec l'espace » ou comment entraîner les compétences visuo-spatiales des personnes avec syndrome de Williams**  
Prof. K. Barisnikov et al.  
FAPSE/UPCNE, Genève, Suisse

2016

5. **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
6. **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
7. **8,709 euros**  
**Compétences visuo-spatiales des personnes avec un syndrome de Williams : Jouer pour s'améliorer**  
Dr. Julie Heiz et al.  
Université de Genève – FAPSE. Genève. Suisse.

<sup>1</sup> Including 25 654€ from Williams France



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8. **11,500 euros**  
**Cooperative parent mediated therapy in children with Williams syndrome**  
Dr. Paolo Alfieri et al.  
Bambino Gesù Children's Hospital. Italie
9. **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
- 2015<sup>2</sup>
10. **16 663 euros**  
**Epigenetic mechanisms in Williams syndrome**  
Dr. Lucy Osborne et al.  
University of Toronto.- Canada
11. **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
12. **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
13. **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
14. **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

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<sup>2</sup> Including 11.1 k€ from Williams France Federation



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15. **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
- 2013<sup>3</sup>**
16. **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 Béziau et al. - CHU Hôtel-Dieu de Nantes - France
17. **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**
18. **15,000 euros**  
**Pharmacological stimulation of elastin synthesis and cross-linking by vascular smooth muscle cells**  
M. Faury, MP Jacob et al. - France
19. **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**
20. **6,000 euros**  
**SW-READ**  
Nathalie Marec-Breton et al., Université Rennes 2
21. **13,588 euros**  
**Understanding depth perception in Williams syndrome**  
Emily Farran et al., Psychology and Human Development, London
22. **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

<sup>3</sup> Including 3k€ from the Williams Bretagne Organization



2008

23. **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
24. **5,000 euros**  
**Organisation of the international conference at Disney**
25. **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
26. **18,700 euros**  
**Sleep, behaviour and learning in young children with Williams syndrome**  
Dr. A. Dagmara et Prof. Karmiloff-Smith - GB

2007

27. **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
28. **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
29. **3,000 euros**  
**Spécificité lexicale chez les enfants avec le syndrome de Williams : Asymétrie consonne/voyelle ?**  
M. Havy and T. Nazzi, Paris

2006

30. **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
31. **10,960 euros**  
**Quelles situations d'interaction favorisent l'expression des capacités langagières des enfants ?**  
Prof. Bernicot et al, Laboratoire de psychologie Poitiers



32. **2,550 euros**  
**La dépression chez les adultes SW**  
M<sup>lle</sup> Aurélie Capel et al., CHU de Poitiers, service de génétique médicale

2005

33. **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
34. **158.20 euros**  
**IRM pour profil langagier**  
M<sup>lle</sup> Agnès Lacroix, Laboratoire de psychologie Poitiers