



## NEW INTERNATIONAL CALL FOR RESEARCH PROJECTS ABOUT WILLIAMS SYNDROME

"AUTOUR DES WILLIAMS" and the "FEDERATION WILLIAMS FRANCE" associations are launching an international call for research projects about Williams Syndrome.

### "AUTOUR DES WILLIAMS" in a few words

AUTOUR DES WILLIAMS is a French-speaking association that brings together families affected by Williams and Beuren syndrome. AUTOUR DES WILLIAMS welcomes families who have just been diagnosed and accompanies them throughout their lives. The association also aims to bring families together and create a network of solidarity, to raise awareness of Williams syndrome, to work on learning, employment and inclusion. One of the objectives of the association is also to finance scientific research programs. The proposed funds come from several sources: donations, awards, private grants, sales (calendar, t-shirts etc.) They come from our generous donors and the persevering and dynamic work of the families.

### "FEDERATION WILLIAMS FRANCE" in a few words

The FEDERATION WILLIAMS FRANCE gathers and represents regional associations that act together to connect families throughout France. Its mission is to provide moral and practical support to people with Williams syndrome and their families, to organize leisure activities and adapted stays, to organize meetings and sharing during national conferences, to raise awareness of Williams syndrome among the general public, to encourage and support medical and scientific research on Williams and Beuren syndrome.

### **Aim of this call for proposals**

The purpose of this new call is to select research programs that should start in 2021 or 2022. Funding will be attributed to projects selected by our medical & scientific advisory committee and our executive board members.



This year we raised **47,000 €** 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. The CNRS supports our approach, a synergy with a project funded by the CNRS will be valued.

### Selection procedure

Deadline for project receipt: **25<sup>th</sup> July 2021**

Projects will be reviewed by experts and non-experts. They should be presented in plain language in English or French and should include:

- A clear description of the project (readable by non-experts)
- The aims and expected benefits for patients
- A detailed financing plan

The total length of the proposal should not exceed 4 pages

Please send your proposals to: [williamscall@free.fr](mailto:williamscall@free.fr)

**Prof. Brigitte Gilbert-Dussardier**  
*Medical Genetics,  
CHU Poitiers*

**Prof. Gilles Faury**  
*UFR de Chimie et de  
Biologie, Grenoble*

**M. François de Oliveira Santos**  
*Président, Autour des  
Williams*

**Prof. Agnès Lacroix**  
*Présidente du Conseil  
Médical et Scientifique.  
Laboratoire de Psychologie,  
Cognition, Comportement et  
Communication, Rennes*

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

**Mme Anne-Laure Thomas,**  
*Vice-Présidente, Autour des  
Williams*

**Prof. Damien Bonnet**  
*Cardiologue, Hôpital Necker,  
Paris*

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

**M. Antoine Vidalinc**  
*Président de la Fédération  
Williams France*

**Prof. Sibylle Vital,**  
*PU-PH en Odontologie  
Pédiatrique, Université  
Paris Descartes, Hôpital  
Louis Mourier, AP-HP, Paris*

**Dr. Jean-Luc Douillard,**  
*Psychologue clinicien,  
Thermes de Saujon*

**Mme Françoise Boulic**  
*Coordonnatrice de la  
Fédération Williams France*



If the project is accepted, a detailed report is expected at the end of the "contract", giving a summary of the main results (publications, etc...) and a balance sheet of expenses. We would also like a presentation of the project and the possible results to be given orally to the families.

Thank you very much for your commitment.

Below is a list of all the projects that have been funded by the associations



2020

1. 35 000 Euros - **Fédération Williams France**  
« Neuroimagerie et Apprentissages fondamentaux. Projet NeuroApFon »  
Dr. Anne Sophie Pezzino et al  
2LPN à l'Université de Lorraine, Nancy, Neuroimagerie et Apprentissages fondamentaux. Projet NeuroApFon. France
2. 24 000 Euros - **Autour des Williams**  
« A novel pharmacological approach for Williams-Beuren syndrome »  
Dr. Susanna Pietropaolo et al  
Institut de Neurosciences Cognitives et Intégratives d'Aquitaine. Bordeaux. France
3. 23 400 Euros - **Autour des Williams**  
« Family Wellbeing and Anxiety in Williams Syndrome - An International Study »  
Dr. Deborah Riby et al  
Centre for Developmental Disorders Department of Psychology, Durham University. UK.
4. 9 844 Euros - **Fédération Williams France**  
« Compréhension et interprétation des émotions d'autrui chez les enfants porteurs d'un syndrome de Williams-Beuren »  
Dr. Marie-Noëlle Babinet et al  
GénoPsy Centre Hospitalier le Vinatier, 69678 BRON Cedex, France



## 2019

5. 5 513 euros - **Autour des Williams**  
Organisation d'une rencontre scientifique  
CEDEP - Fontainebleau, France

## 2018

6. 46 200 Euros = 30 885 Euros **Fédération Williams France** +  
15 400 Euros **Autour des Williams**.  
Comment améliorer la qualité de vie des personnes porteuses  
du Syndrome de Williams?  
Prof. Dr. Ingolf Prosetzky et al  
Faculté Görlitz, Allemagne
7. 20 600 Euros - **Autour des Williams**  
Studying the mitochondrial health of cardiomyocytes and  
vascular smooth muscle cells in Williams Syndrome  
Dr. Victoria Campuzano et al  
Université Barcelone, Espagne
8. 16 000 Euros - **Autour des Williams**  
A novel therapeutic target for Williams-Beuren syndrome  
Dr. Susanna Pietropaolo et al  
Université Bordeaux, France
9. 14 614 Euros - **Fédération Williams France**.  
Compétences visuo-spatiales des personnes avec un syndrome  
de Williams : Jouer avec l'espace  
Dr. Julie Heiz et al  
Université de Genève, Suisse



2017

10. 25 654 Euros - **Fédération Williams France**  
**« 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
11. 15 000 Euros - **Autour des Williams**  
**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
12. 11 000 Euros - **Autour des Williams**  
**LA THERAPIE COGNITIVE ET COMPORTEMENTALE DE L'ANXIETE DANS LE SYNDROME DE WILLIAMS**  
Dr. Natacha Lehman et al.  
Service de génétique médicale du CHU de Montpellier, France
13. 10 114 Euros - **Autour des Williams**  
**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

2016

14. 14 457 Euros - **Autour des Williams**  
**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
15. 13 200 Euros - **Autour des Williams**  
**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
16. 11 500 Euros - **Autour des Williams**  
**Cooperative parent mediated therapy in children with Williams syndrome**  
Dr. Paolo Alfieri et al.  
Bambino Gesù Children's Hospital. Italie
17. 8 709 Euros - **Autour des Williams**  
**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.



## 2015

18. 16 663 Euros - **Autour des Williams**  
**Epigenetic mechanisms in Williams syndrome**  
Dr. Lucy Osborne et al.  
University of Toronto.- Canada
19. 13 328 Euros - **Autour des Williams**  
**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
20. 11 100 Euros - **Fédération Williams France**  
**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
21. 10 000 Euros - **Autour des Williams**  
**Modeling Williams syndrome neural development with "mini-brains" in a dish**  
Dr. Alysson Renato Muotry et al. - University of California San Diego - USA

## 2014

22. 16 000 Euros - **Autour des Williams**  
**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
23. 7 925.40 Euros - **Autour des Williams**  
**Increasing the awareness of anxiety in Williams syndrome - A support package for teachers.**  
Dr. Mary Hanley et al. - University of Durham - UK

## 2013

24. 6 458.40 Euros - **Autour des Williams**  
**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
25. 5 225 euros = 3 000 Euros **Association Williams Bretagne** + 2 225 Euros **Autour des Williams**.  
**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



## 2012

26. 15 000 Euros. **Autour des Williams**  
Pharmacological stimulation of elastin synthesis and cross-linking by vascular smooth muscle cells  
M. Faury, MP Jacob et al. - France
27. 18 500 Euros. **Autour des Williams**  
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

28. 6 000 Euros - **Autour des Williams**  
**SW-READ**  
Nathalie Marec-Breton et al., Université Rennes 2
29. 13 588 Euros - **Autour des Williams**  
**Understanding depth perception in Williams syndrome**  
Emily Farran et al., Psychology and Human Development, London
30. 4 425 Euros - **Autour des Williams**  
**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
31. 10 205 Euros - **Autour des Williams**  
**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

32. 18 700 Euros. **Autour des Williams**  
**Sleep, behaviour and learning in young children with Williams syndrome**  
Dr. A. Dagmara et Prof. Karmiloff-Smith - GB
33. 11 549 Euros. **Autour des Williams**  
**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
34. 5 000 Euros. **Autour des Williams**  
**Organization of the "Williams Syndrome International Conference" at Disney Paris, France**





## 2007

35. 17 000 Euros - **Autour des Williams**  
Characterization of a mouse model that mimic the most common deletion found in Williams-Beuren syndrome patients  
V. Campuzano et al, Barcelona, Spain
36. 16 000 Euros - **Autour des Williams**  
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
37. 3 000 Euros - **Autour des Williams**  
Spécificité lexicale chez les enfants avec le syndrome de Williams : Asymétrie consonne/voyelle ?  
M. Havy, T. Nazzi et al, Paris, France

## 2006

38. 15 000 Euros - **Autour des Williams**  
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
39. 10 960 Euros - **Autour des Williams**  
Quelles situations d'interaction favorisent l'expression des capacités langagières des enfants ?  
Prof. Bernicot et al, Laboratoire de psychologie Poitiers
40. 2 550 Euros - **Autour des Williams**  
La dépression chez les adultes SW  
M<sup>lle</sup> Aurélie Capel et al., CHU de Poitiers, service de génétique médicale

## 2005

41. 4 000 Euros - **Autour des Williams**  
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
42. 158.20 Euros - **Autour des Williams**  
IRM pour profil langagier  
M<sup>lle</sup> Agnès Lacroix, Laboratoire de psychologie Poitiers