



BELIEVING, CHANGING, SHARING

2020 Activity Report
Roquette Foundation for Health

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Editorial

More than a retrospective of the events of the past year, this activity report is important to us as we wanted to share with you the supports, meetings and solidarity actions that were even more intense in 2020. It was a special year for all of us, which required adaptation and innovation.

For its third year of existence, the Foundation has pursued its mission around the three principles that guide its steps: believing in progress, changing behavior and sharing knowledge. We supported new projects in France as well as abroad with a Brazilian project.

Of course, the Foundation also fully mobilized to respond to the emergency of the COVID-19 crisis. It has anticipated its aid to the associations it supports so that they could continue their activities. The Foundation also made exceptional financial grants to the hospitals in Lille and Strasbourg.

In December, we were able to gather during a virtual ceremony. On this occasion, the first Research Prize was awarded to Doctor Laurent Reber for his work on the development of a vaccine in the field of food allergies.

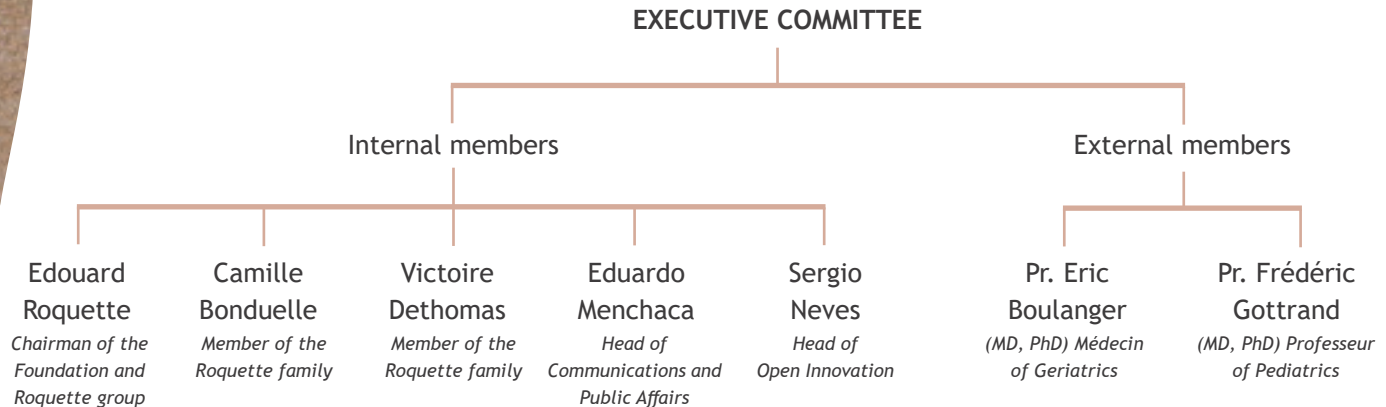
We thank our project leaders who act so effectively with their beneficiaries, we also thank the Roquette employees who mobilized themselves and the members of the COMEX who responded to emergency situations. We also thank all those who follow us.

Thanks to you, the Foundation can unite, engage and gather. Let's continue to act together to make this beautiful collective work grow!

The Roquette Foundation for Health team

The Roquette Foundation for Health

Created in November 2017, under the aegis of the Fondation de France, the Roquette Foundation for Health supports innovative and educational projects in the areas of food and nutrition.



The three pillars of the Roquette Foundation



Believing in progress

It is well known that a healthy, balanced diet is essential for good health. Thus, the risk of developing numerous diseases could be reduced by complying with nutritional guidelines. Based on multiple scientific studies, these guidelines evolve as new knowledge is acquired.

The Roquette Foundation supports medical research around food and nutrition to prevent, cure and avoid the spread of diseases, thus promoting the good health of women and men around the world.



Sharing knowledge

“There is more to gain by sharing what we know”. This sharing allows us to provide the right information leading to the right actions in terms of food and nutrition.

The Roquette Foundation supports project owners who share their knowledge and disseminate their know-how to improve the eating habits, well-being and health of as many people as possible.



Changing behavior

We all have a fairly good idea of what constitutes a healthy diet, but we have a very hard time changing our habits. Long-term support is therefore necessary.

The Roquette Foundation supports project owners who inform populations of societal challenges involving nutrition and thus motivate them to change their eating habits.

2020 for the Roquette Foundation



A solidarity afternoon with Le Jardin Voyageur in January

Volunteers from the Roquette group took part in a solidarity afternoon, marked by discussion and sharing, to benefit the Le Jardin Voyageur association. Thanks to everyone's help and determination, we built 50 chickadee nesting boxes and we created the association's catalog of activities!

Extraordinary support for hospitals in April

The Foundation supported the Endowment Fund of the University Hospital of Lille as well as the University and Hospital Foundation of Strasbourg. This special support made it possible to purchase the equipment needed to care for patients in the Grand Est region and to support the PREVCOVIA project at the Lille University Hospital which aims to study the effectiveness of individual and group protective measures in preventing the virus from spreading.

A day with the Quanta association in October

The Quanta association in Villeneuve d'Ascq (France) hosted the Roquette Foundation team. It was an opportunity for the team to get together and learn more about the association, which has been making the public aware of the richness of artistic expression since 1994.

The first virtual ceremony and awarding of the first Research Prize

Nutrition throughout life

The virtual ceremony, held to celebrate the Foundation's third anniversary and to award its first Prize for Research, began with a roundtable discussion on the theme of "Nutrition over the course of a lifetime", bringing together nutrition experts covering the entire life cycle. This panel discussion highlighted generational differences in diet and their importance.



Rewarding research

The President of the Foundation awarded the first Prize for Research to Dr. Laurent Reber for his work on developing an anti-IgE (Immunoglobulin E, antibodies produced on contact with an allergen) vaccine for food allergies, a project chosen by a panel of experts from the medical and academic communities.



Two honored recipients

The jury's *coup de coeur* prize was also awarded to Lucie Marousez, a 25-year-old researcher, for her research on treating breast milk with enhanced biological and intestinal properties.

The people's favorite project was then awarded. Over a period of three weeks, internet users voted for the 12 projects sponsored by the Foundation, and the LP4Y (Life Project 4 Youth) association and its LifeLine project won!



BELIEVING IN PROGRESS

New projects supported in 2020

Discover our projects!



INSTITUT PASTEUR OF PARIS

LuLISA project

Since 1887, the Institut Pasteur in Paris is a non-profit foundation whose mission is to contribute to the prevention and treatment of diseases, primarily infectious ones. At the heart of scientific progress, the Institut Pasteur in Paris carries out four major missions of public interest: research, teaching, healthcare for populations and individuals, and the development of innovation and technology transfer.

The *LuLISA (Luciferase-Linked Immunosorbent Assay) project* studies luciferases, a new generation of markers. The aim of this study is to develop a quick, accessible method for diagnosing food allergies directly in a general practitioner's office, in an emergency room, or in an allergology department.

This study relies on the use of bioluminescence to quantify patients' immunoglobulins which help in diagnosing and better detecting allergies.

Ultimately, the *LuLISA project* will make it possible to guide and inform allergic patients more quickly and clearly limit the risks associated with these allergies.



WHAT WERE THEY UP TO IN 2020?

A look back at the projects



DIGESTSCIENCE FOUNDATION HEROIC project

The *HEROIC project* (*Highlighting EnviRONmental features in epldemic areas of Crohn's disease*), supported by the DigestScience Foundation, studies the environmental factors behind Crohn's disease in order to improve patients' lives.

During 2020, the tooth exposome study continued, as part of the *HEROIC project*. Participating dentists were able to receive their tooth recovery kits, which were then sent to the testing labs at Mount Sinai Hospital in New York. These samples will allow the analysis of environmental exposure to Crohn's disease.





INFINITE PENSINE project

The *PENSINE (Perinatal Environment Intestinal Health and Child Nutrition)* project led by the INFINITE (*Institute for Translational Research in Inflammation*) research center began in early 2020 with awareness-raising initiatives among caregivers in the childhood fields. The first recruitments of mother-child pairs were carried out at the end of the year 2020.

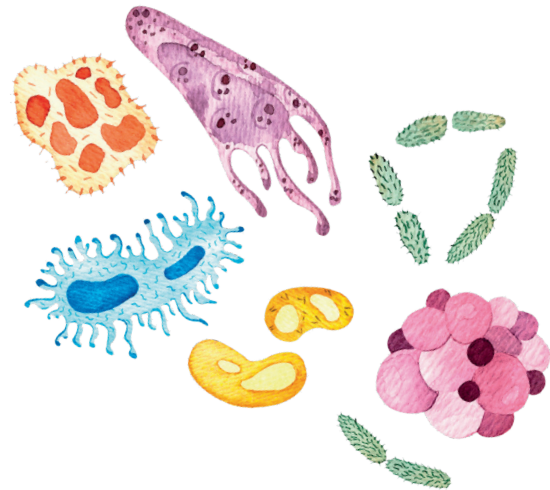
This project identifies the role of breastfeeding and nutrition on children's intestinal health. By monitoring more than **350 voluntary mother-child pairs** over 4 years, this study will make it possible to offer new recommendations to parents for the improved health of their children.



MICROBIOME FOUNDATION

The role of the microbiota

Professor Déchelotte's team continued their *research on the role of the intestinal microbiota in the onset and maintenance of functional digestive disorders frequently observed in anorexia and obesity*. This study was conducted through a series of experiments and obtained promising results that were published in **two international scientific journals** and presented at specialized events: the ESPEN Clinical Nutrition and Metabolism Conference and the Journées Francophones de Nutrition.



SHARING KNOWLEDGE

New projects supported in 2020

CIDADES SEM FOME

School Gardens program

Founded in 2004 in São Paulo (Brazil), the non-governmental association Cidades Sem Fome - Cities Without Hunger helps and trains local residents to manage their own business and become financially independent by creating community and school gardens or agricultural greenhouses in urban areas.

The *School Gardens program* aims to provide healthy meals to more than 15,000 students per day by building about 50 vegetable gardens at schools in the São Paulo and Itapevi regions of Brazil. By rehabilitating unused spaces at schools to build vegetable gardens, the association raises children's awareness about sustainable agriculture, while improving the nutritional quality of the meals they are served.

It is through local agriculture that the association enables thousands of children and their families to have access to a healthy, balanced diet at a lower cost.



Discover our projects!





WHAT WERE THEY UP TO IN 2020?

A look back at the projects

MAGIC BUS

Nutrition and Education program

Through the *Nutrition and Education program*, the Magic Bus association promotes and educates young people in India on the importance of good health and related nutritional issues.

In 2020, the young people were able to participate in workshops, held in compliance with the health rules, to help them prepare for their transition to the professional world. **More than 1,200 children and youth** have benefited from these courses on health and protective measures, nutrition, rights and gender equality.



LE JARDIN VOYAGEUR

Assiettes Végétales program

For 25 years, the association Le Jardin Voyageur, located near Lille (France), has been transferring the passion of gardening to children from 3 to 15 years old, making them aware of the benefits from a balanced and local diet.

This year, thanks to the *Assiettes Végétales (Vegetable Plates) program*, offered in schools and leisure centers, **1,220 children** were able to learn more about vegetables, develop their taste and discover the cultivation of new products from the garden.



CHANGING BEHAVIOR

New projects supported in 2020

REST'O

Change for well-being program

Through a group of doctors, paramedical staff and community facilitators, the Rest'O association aims to change the eating habits of obese people in the Lille region (France) and increase their physical activity.

The *Change for Well-being program* intends to bring lasting changes in the behavior and practice of sports for people from disadvantaged backgrounds by organizing group and individual sessions. The program is implemented in the priority neighborhoods of the towns in question, which are themselves members of *Vivons en Forme* program, supported by the Roquette Foundation.

Eventually, recommendations will be published nationally in partnership with the University of Lille and the University Hospital of Bordeaux to assess the impact of the initiatives.



Discover our projects!



PREV'SANTÉ MEL

I Take Care of My Health with Food program

The Prev'Santé MEL association is involved in the prevention and overall management of patients living with diabetes, cardiovascular diseases, and obesity in the Lille Metropolis (France).

The *I Take Care of My Health with Food program* aims to adapt therapeutic education programs and make them available to people with intellectual disabilities and obesity. Educational workshops on balanced nutrition, food selection and recipe preparation are organized and supervised by health professionals trained in the specifics of intellectual disabilities (using the FALC method - Facile à Lire et à Comprendre, or Easy to Read and Understand). Initially tested in **groups of 30 patients**, these workshops will then be taught to **over 250 people**.

The program will be evaluated based on clinical and biological criteria to improve their management.



WHAT WERE THEY UP TO IN 2020?

A look back at the projects

THIEN AN HOME II

Bettering Lives project

Through the *Bettering Lives project*, the Thien An Home II association in Vietnam gives its beneficiaries every opportunity to integrate in society. From healthcare to learning gardening, to achieving a healthy and balanced diet, the association works in various areas of daily life to provide these children and their families with all the keys to success.

In 2020, Thien An Home II increased its staff, hiring **three teachers** and welcoming **40 new children**. The facilities were also renovated by former students and additional equipment was purchased. As a result, children's academic performances have improved (**70% of students** achieved excellent results), and access to healthcare has improved.



SPORT DANS LAVILLE

Sport and Nutrition



The *Sport and Nutrition program*, developed by Sport Dans La Ville (*Sport in the City*), educates young people about better nutrition through sports.

During this unprecedented pandemic, the association has reinvented its initiatives at the three Sport Dans La Ville centers located in Lens and Roubaix (France) while adhering to health measures. Cooking workshops, food discovery sessions, farm visits and meetings in partnership with LJA (Ladies Are Just Amazing) were organized, allowing **more than over 130 young people** to continue to build relationships with the association!

LIFE PROJECT 4 YOUTH LifeLine project

Through the *LifeLine project*, involved in the development of projects to improve living conditions in the Malwani slum (India), young people from the slum have access to education to prepare for work life. In 2020, the LP4Y association continued to support young people by offering professional coaching to **21 young people** and strengthened its commitment to young women in the community by setting up a 100% female program.

Since 2017, **65 young people from the Malwani slum** found a job thanks to the support of LP4Y.



FÉDÉRONS LES VILLES POUR LA SANTÉ Vivons En Forme program

The *Vivons En Forme* (VIF-Let's live healthy) program supports local and regional authorities by offering them concrete solutions to help families and children adopt healthier behaviors in the long term.

In 2020, the VIF program published a study in the BMC Public Health journal, demonstrating the effectiveness of its methodology by significantly reducing the prevalence of being overweight and obese: **50% of children who were overweight or obese** at the beginning of the study improved their overall weight in just four years.



The Roquette Group

Roquette is a global leader in plant-based ingredients, a pioneer of plant proteins and a leading provider of pharmaceutical excipients.

In collaboration with its customers and partners, the group addresses current and future societal challenges by unlocking the potential of nature to offer the best ingredients for food, nutrition and health markets. Each of these ingredients respond to unique and essential needs, contribute to healthier lifestyles and are essential components of medicinal products.

Thanks to a constant drive for innovation and a long-term vision, the group is committed to improving the well-being of millions of people all over the world while protecting resources and territories.





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