Fighting pediatric cancers in resource-limited countries

Together,

let’s give all children with cancer, wherever they live in the world, the same opportunity to recover.

SANOFI ESPoir FOUNDATION
DIAGNOSIS AND TREATMENT OF CHILDHOOD CANCERS: A WORLD AFFECTED BY DRAMATIC INEQUALITIES

Pediatric cancers account for less than 1% of all cancers, but are still one of the main causes of death among the world’s youngest citizens. The causes are a lack of information, late screening, and difficulties in accessing care and treatment.

300,000 new cases of pediatric cancer per year worldwide (children and adolescents)

Source: IARC 2016

20% survival rates of children and adolescents with cancer in low- and middle-income countries, compared to 80% in rich countries

Source: The Lancet 2018

Our Mission: To ensure that all children have access to diagnosis and treatment

Since the beginning in 2005, the My Child Matters program has been a catalyst in providing care for children with cancer in developing countries.

By providing

Financial support

Health projects developed by humanitarian associations or NGOs, partners of the foundation.

Contribution of expertise

Provision of internal experts within the Sanofi Group or via external synergies with projects and partners supported by the foundation.

By pooling resources

To provide the poorest children and professionals with the experience of the best experts.

Twelve years ago, we chose to act as a catalyst to improve access to cancer treatment for children living in low- and middle-income countries. Today, we have proof that the efforts we have made with our partners have a significant impact on the lives and survival rates of these children.

“We are currently seeing a significant improvement in the care of children with cancer in a number of poor countries through My Child Matters. One day, these children will have the same chance of recovery as those in rich countries. We shall then have the most convincing proof of the effectiveness of our efforts.”

Rich countries

Low- and middle-income countries

Recovery

No lethal toxicity

Treatment

Completed

Started

Correct diagnosis

Cancer case

Anne Gagnepain-Lachetrau

Medical Director of the Sanofi Espoir Foundation

ROLE

The *My Child Matters* program was created in 2005 at the initiative of the Sanofi Espoir Foundation. As well as providing financial support, the program:

- coordinates the actions of the project teams,
- promotes feedback and sharing best practices,
- organizes expert committees,
- implements the mentoring program,
- presents the program at international congresses, encourages the writing of scientific articles and communicates on the actions and promotes the projects supported,
- offers training sessions for project teams.

GOVERNANCE

The main strategic orientations of the *My Child Matters* program, one of the three areas covered by the Sanofi Espoir Foundation, are validated by its Board of Directors twice a year.

“Today, twelve years after its launch, *My Child Matters* is one of the most important initiatives for giving all of the world’s children suffering from cancer the same chance of being cured.”

Éric Bouffet, President of SIOP

COMMITTEE

An Executive Committee, comprising international experts in the field of pediatric oncology, establishes and develops the projects supported by the Foundation for three years. Each year, the committee meets to assess the progress of each project and proposes strategic recommendations where necessary.

**Members of the Executive Committee:**

- **Éric Bouffet**, International Society of Pediatric Oncology (SIOP), Canada
- **Gabriele Calaminus**, International Society of Pediatric Oncology (SIOP), Germany
- **Julia Challinor**, International Society of Pediatric Oncology (SIOP), Netherlands
- **Valérie Faillat**, Sanofi Espoir Foundation, France
- **Anne Gagnepain-Lacheteau** (Co-President), Sanofi Espoir Foundation, France
- **Benson Pau**, Children Cancer International (CCI), Hong Kong
- **Lorna Renner**, International Society of Pediatric Oncology (SIOP Africa), Ghana
- **Raul Ribeiro** (President), St Jude Children’s Research Hospital, United States
- **Carlos Rodriguez-Galindo**, St Jude Children’s Research Hospital, United States
- **Olivier Weil**, Conservatoire National des Arts et Métiers (CNAM), France
My Child Matters
PROJECTS SUPPORTED SINCE 2005

Latin America
25 projects
11 target countries

Europe
4 projects
2 target countries

Africa
72 projects
23 target countries

Asia
12 projects
6 target countries

113 projects in 42 countries
more than 75,000 children in care
more than 20,000 health professionals trained

Ongoing projects
Completed projects
AFRICA
ONGOING PROJECTS

Goal
Psychosocial support for children with cancer and their families to reduce treatment dropouts.

Project Coordinator
Claude Moreira, Pediatric Oncology Unit, Le Dantec Hospital, Dakar, Senegal

Mentor
Herve Rubie, GFAOP, Villejuif, France

SENEGAL
REDUCTION IN TREATMENT DROPOUT RATES

2005 - 2018
421 children in care
15 professionnals trained and
667 families supported

Main partner
Le Dantec Hospital, Dakar

AFRICAN CANCER REGISTRIES NETWORK (AFCRN)

Goal
Extend the collection and availability of data on the incidence and survival of children with cancer in sub-Saharan Africa.

Project Coordinator
Maxwell Parkin, AFCRN African Registry Programme, Prama House, Oxford, United Kingdom

BENIN, CAMEROON, MALI, DRC, SENEGAL, MADAGASCAR
PEDIATRIC CANCER REGISTRY

“ The project has led to the creation of 3 national pediatric cancer registries for Ivory Coast, the Republic of Congo and Burkina Faso.”

Prof. Maxwell Parkin

IMPROVEMENT IN DIAGNOSIS

Training
2016 & 2017

Main partner
World Cancer Alliance Against Cancer (WACC)

Goal
Facilitate the exchanges of cytological and anatomopathological data, and complementary techniques such as cytometry and cytogenetics, between physicians in Africa and other continents.

Improve early diagnosis of hematological cancers in French-speaking sub-Saharan African countries.

Project Coordinator
Martine Raphaël, AMCC, Paris, France

EXTENSION OF A TELEPATHOLOGY PLATFORM

BENIN, CAMEROON, MALI, DRC, SENEGAL, MADAGASCAR

2017-2018

Today, the network has 10 centers in these six African countries.

This network is connected:
1. the i-Path platform, an open source software dedicated to a community of healthcare professionals, including pathologists and local experts.
2. the Pathology Committee of the Franco-African Pediatric Oncology Group.

Since 2017

Highlight of the year

Fighting pediatric cancers in resource-limited countries
**FRENCH-SPEAKING AFRICA**

**PEDIATRIC CANCER REGISTRY**

**Main partner**
Groupe Franco-Africain d'Oncologie Pédiatrique (GFAOP)

**Goal**
Develop a research network to improve knowledge about pediatric cancers in Africa. Install computers and train clinical researchers. Data collection in all pediatric units.

**Project Coordinator**
Brenda Mallon, GFAOP, Gustave-Roussy, Villejuif, France

**Mentor**
Catherine Patte, GFAOP, Gustave-Roussy, Villejuif, France

**Training**
- 26 doctors and 39 nurses and other health professionals trained, impacting 19 palliative care units in 15 African countries

**Development of Palliative Care and Pain Management**

**Main partner**
Groupe Franco-Africain d'Oncologie Pédiatrique (GFAOP)

**Goal**
On-site needs assessment and special training according to the units selected. Theoretical and practical training for professionals.

**Project Coordinator**
Christine Edan, GFAOP, Gustave-Roussy, Villejuif, France

**Mentor**
Catherine Patte, GFAOP, Gustave-Roussy, Villejuif, France

**Training**
- 35 physicians and 21 clinical researchers trained in data collection
- 1,572 cases recorded in 12 countries

**AFRICAN SCHOOL OF PEDIATRIC ONCOLOGY**

**Main partner**
Groupe Franco-Africain d'Oncologie Pédiatrique (GFAOP)

**Goal**
Create a diploma course in pediatric oncology for African physicians. University degree in pediatric oncology organized in annual sessions of 20 to 25 students.

**Project Coordinator**
Laïla Hessissen, Department of Pediatric Oncology, Rabat Medical School, Mohammed V University, Rabat, Morocco

**Mentor**
Catherine Patte, GFAOP, Gustave-Roussy, Villejuif, France

**Training**
- 67 doctors trained in 3 years

**Mali & Senegal**

**Improving Retinoblastoma Management**

**Main partner**
World Cancer Alliance Against Cancer (WACC)

**Goal**
Improve early diagnosis, standardize therapeutic care and prevent the discontinuation of retinoblastoma treatment in children in Mali. Training professionals, awareness campaigns on early signs of retinoblastoma in the general population, database of retinoblastoma cases centralized in Bamako.

**Project Coordinator**
Pierre Bey, AMCC & Institut Curie, Paris, France

**Mentor**
Ibrahim Qaddoumi, St. Jude Children’s Research Hospital, Memphis, United States

**Highlight of the year**
The most important aspect of the retinoblastoma project in sub-Saharan Africa in 2018 has been the arrival of the laser in Dakar, which complemented the equipment needed for the early conservative treatment of diagnosed cases. The My Child Matters program has made a significant contribution to training ophthalmologists and purchasing equipment. Dakar then becomes the third site, after Bamako and Abidjan, capable of treating conservative retinoblastoma.

"Thanks to My Child Matters, the Malian team in Bamako has now become a reference and training center for improving the recovery treatment and quality of life of children with retinoblastoma in Mali and other sub-Saharan French-speaking countries."

Prof Pierre Bey

**IN 2016 & 2017**

- 229 children in care
- 320 doctors and 31 nurses trained

** Registry**
- "Since 2011, the support of My Child Matters has made possible to train more than 300 caregivers in 19 French-speaking African countries to care for children with cancer."

Prof. Laïla Hessissen
SENEGAL

REDUCTION IN TREATMENT DROPOUT RATES

2005 - 2018

Main partner
Le Dantec Hospital, Dakar

Psychosocial support

Goal
Psychosocial support for children with cancer and their families to reduce treatment dropouts.

Mentor
Hervé Rubie, GFAOP, Villejuif, France

SENEGAL

REDUCTION IN TREATMENT DROPOUT RATES

2005 - 2018

421 children in care
15 professionals trained
667 families supported

BENIN, CAMEROON, MALI, DRC, SENEGAL, MADAGASCAR

EXTENSION OF A TELEPATHOLOGY PLATFORM

2017 - 2018

Main partner
World Cancer Alliance Against Cancer (WACC)

Early diagnosis

Goal
Facilitate the exchanges of cytological and anatomopathological data, and complementary techniques such as cytometry and cytogenetics, between physicians in Africa and other continents.

Improve early diagnosis of hematological cancers in French-speaking sub-Saharan African countries.

Project Coordinator
Maxwell Parkin, AFCRN African Registry Programme, Prama House, Oxford, United Kingdom

 Highlight of the year
Today, the network has 10 centers in these six African countries. This network is connected:
1. the i-Path platform, an open source software dedicated to a community of healthcare professionals, including pathologists and local experts.
2. the Pathology Committee of the Franco-African Pediatric Oncology Group.

Since 2017
10 hospital units
6 countries

BURKINA FASO, IVORY COAST, DRC

PEDIATRIC CANCER REGISTRY

2018

Main partner
African Cancer Registries Network (AFCRN)

Registry

Goal
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Project Coordinator
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“...The project has led to the creation of 3 national pediatric cancer registries for Ivory Coast, the Republic of Congo and Burkina Faso...”

Prof. Maxwell Parkin
LATIN AMERICA
ONGOING PROJECTS

**Main partners**
FCM-UNA & RENACI Fundación

**Goal**
Develop a palliative care service at San Pedro Sula Hospital. Train professionals in palliative care, implement care protocols, psychosocial support for families.

**Project Coordinator**
Roxana Martinez, Pediatric Oncology Department, San Pedro Sula, Honduras

**Mentor**
Valentino Conter, Pediatric Haemato-Oncology Center, Monza, Italy

**Goal**
Decentralize, public-private alliance strategies, develop medical trainings particularly for early diagnosis and brain tumors.

**Project Coordinator**
Angélica Jiménez de Samudio & Diego Figueredo, Department of Pediatric Haemato-Oncology in the Hospital de Clínicas San Lorenzo, Facultad de Ciencias Médicas, Universidad Nacional de Asunción, San Lorenzo, Paraguay

**Mentors**
Miguela Caniza, St Jude Children’s Research Hospital, Memphis Tennessee, United States
Álvaro Lassaleta, Hospital Universitario Niño Jesús, Madrid, Spain

**HONDURAS**
**PARAGUAY**
**DEVELOPMENT OF PALLIATIVE CARE AND PAIN MANAGEMENT**
2016 - 2018
**IMPROVING THE MANAGEMENT OF PEDIATRIC CANCERS**
2009 - 2018
215 professionals trained
633 families supported
1,509 professionals trained
999 children in care
1,062 families supported

**Main partner**
San Pedro Sula Hospital

**Training**
Development of an alliance with the City Cancer Challenge 2025 project.

**Highlight of the year**
Pain management and palliative care
Psychosocial support

“In Paraguay, there is a before and after My Child Matters in the cure of children with cancer.”
Prof. Angelica Samudio

2016 & 2017
Early diagnosis
Fighting pediatric cancers in resource-limited countries
**COLOMBIA**

**PEdiATric Cancer registry**

- **Main partners**: POHEMA Fundación & Universidad del Valle, Cali
- **Goal**: Consolidate and extend a childhood cancer surveillance system to improve knowledge of prevalence and prognosis. Establish a national registry of childhood and adolescent cancers in Colombia.
- **Project Coordinator**: Oscar Ramirez, Universidad del Valle & POHEMA (Pediatric Oncologist and Hematologist) Fundación, and Centro Médico Imbanaco, Cali, Colombia
- **Mentor**: Paula Aristizabal, MD, MAS, Professor of Pediatric Hematology/Oncology, Director International Outreach Program University of California San Diego/Rady Children’s Hospital, United States

**IMPROVEMENT OF EARLY DIAGNOSIS**

- **Main partners**: POHEMA Fundación & Universidad del Valle, Cali
- **Goal**: Improve early diagnosis of children with cancer in Colombia. Train identified health professionals. Evaluate the project’s implementation.
- **Project Coordinator**: Oscar Ramirez, Universidad del Valle & POHEMA (Pediatric Oncologist and Hematologist) Fundación, and Centro Médico Imbanaco, Colombia
- **Mentor**: Paula Aristizabal, MD, MAS, Professor of Pediatric Hematology/Oncology, Director International Outreach Program University of California San Diego/Rady Children’s Hospital, United States

**NICARAGUA**

**PRevention and Control of Infectious Complications**

- **Main partner**: Jesus Rivera, Children Hospital
- **Goal**: Prevent and manage infectious complications associated with childhood cancers. Implement tools and protocols for the management and surveillance of fever, signs of catheter-related sepsis, phlebitis and multi-resistant bacterial infections. Train professionals and educate families on the early detection of infections.
- **Project Coordinator**: Patricia Calderon Sotelo, Hospital Infantil Manuel de Jesus Rivera, Managua, Nicaragua
- **Mentor**: Miguela Caniza, St Jude Children’s Research Hospital, Memphis, United States

**GUATEMALA**

**DevelOPment of Palliative CARE AND Pain Management**

- **Main partner**: Unidad Nacional de Oncología Pediátrica (UNOP)
- **Goal**: Develop palliative care for children with cancer through the training of health professionals from three Central American countries (Honduras, Haiti, Nicaragua). Implement monitoring and evaluation in the units that received training.
- **Project Coordinator**: Sylvia Rivas, Pediatric Intensive Care, UNOP, Guatemala City, Guatemala
- **Mentor**: Pamelyn Close, Mendocino, California, United States

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**COLOMBIA NICARAGUA GUATEMALA**

**Pediatric Cancer Registry**

2009 - 2018

**Prevention and Control of Infectious Complications**

2016 - 2018

**Development of Palliative Care and Pain Management**

2016 - 2018

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**Fait marquant**

"Since 2009, an information system that tracks the clinical outcomes and determinants of survival of children with cancer treated in Cali, Colombia, has enabled us to collect valuable information with a significant impact not only on the region but across the country."

*Dr. Oscar Ramirez*

"Thanks to the Sanofi Espoir Foundation, Vigicancer, a system of childhood cancer outcomes monitoring, has been integrated into the cancer registry based on Cali population. Our children with cancer are no longer invisible. Thank you for changing their future and helping us give a chance to live."

*My Child Matters team of Cali*

"With the help of the My Child Matters program, trained health professionals by sharing experiences from around the world, and through concepts, internships and e-learning."

*Dr. Sylvia Rivas*
HONDURAS

DEVELOPMENT OF PALLIATIVE CARE AND PAIN MANAGEMENT 2016 - 2018

Main partner
San Pedro Sula Hospital

Training
Pain management and palliative care
Psychosocial support

Goal
Develop a palliative care service at San Pedro Sula Hospital. Train professionals in palliative care, implement care protocols, psychosocial support for families.

Project Coordinator
Roxana Martínez, Pediatric Oncology Department, San Pedro Sula, Honduras

Mentor
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2016 & 2017
215 professionals trained
633 families supported

PARAGUAY

IMPROVING THE MANAGEMENT OF PEDIATRIC CANCERS 2009 - 2018

Main partners
FCM-UNA & RENACI Fundación

Training
Early diagnosis
Psychosocial support

Goal
Decentralize, public-private alliance strategies, develop medical trainings particularly for early diagnosis and brain tumors.

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Miguela Caniza, St Jude Children’s Research Hospital, Memphis Tennessee, United States
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2016 & 2017
1,509 professionals trained
999 children in care and 1,062 families supported

Highlight of the year
Development of an alliance with the City Cancer Challenge 2025 project.

“In Paraguay, there is a before and after My Child Matters in the cure of children with cancer.”
Prof. Angelica Samudio
ASIA
ONGOING PROJECTS
PAKISTAN
PREVENTION AND CONTROL OF INFECTIOUS COMPLICATIONS
2009 - 2018

Main partners
The Children’s Hospital & Institute of Child Health, Lahore

Training
Infection control
2016 & 2017

1,331 professionals trained

Goal
Prevent and control intra-hospital infections to improve the prognosis of children with cancer. Provide disinfectant products for infrastructure and staff. Organize training seminars for health professionals and implement best practice protocols for infection prevention.

Project Coordinator
Mahwish Faizan, The Children’s Hospital & Institute of Child Health, Lahore, Pakistan

Mentor
Mary Taj, The Royal Marsden NHS Foundation Trust, London, United Kingdom

TRAINING HEALTH PROFESSIONALS
2009 - 2018

Main partner
The Indus Children’s Cancer Hospital, Karachi

Pain management and palliative care
Training
Early diagnosis

2016 & 2017

292 professionals trained, including
88 doctors and pharmacists and 204 nurses

Goal
Train health professionals from five pediatric onco-hematology services to improve early diagnosis and treatment of pediatric cancers. Train health professionals in therapeutic protocols and pain management.

Project Coordinator
Muhammad Shamvil Ashraf, The Indus Children’s Cancer Hospital, Karachi, Pakistan

Mentor
Aziza Shad, MedStar Georgetown University Hospital, Washington, United States

THAILAND
IMPROVEMENT OF CARE
2010 - 2018

Main partner
Prince of Songkla University

Registry
Training
Early diagnosis

2016 & 2017

177 children in care
70 families supported
408 professionals trained

Goal
Improve the care and quality of life of children with cancer in southern Thailand. Establish a registry of acute leukemias, train professionals in early cancer diagnosis and palliative care. Public awareness campaign on early signs of retinoblastoma.

Project Coordinator
Pornpun Sripornsawan, Pediatric Department, Prince of Songkla University, Hat Yai, Thailand

Mentor
Pamelyn Close, Mendocino, California, United States
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Watch the video of the Foundation’s actions

→ On our website:
www.fondation-sanofi-espoir.com
→ By flashing this QR code