

UNITE

LEVERAGE

INNOVATE

RESEARCH INCENTIVE PROGRAMS

Join the research at Genopole



Genopole, the French bio-cluster for genetic and biotechnology research applied to healthcare and the environment, supports the launch and expansion of biotechnology companies, facilitates the development of life science research and co-creates advanced education in those areas.



THREE PROGRAMS PROVIDING FUNDING AND SUPPORT:

- Atige grants contributing to the creation of new research teams on future scientific directions,
- postdoctoral repatriation allocations for researchers returning to France,
- masters intern grants to support education through research.



PATRICK CURMI
(Atige 2003)

Following the Atige grant, Patrick founded the Structure and Activity of Normal and Pathological Biomolecules (SABNP) Laboratory. It specializes in studying the cytoskeletal structure and biomolecule-nanotechnology interactions.

★ Patrick is now President of the University of Évry Paris-Saclay.

OBJECTIVES

- Facilitate the formation of new teams,
- Increase scientific expertise and develop the biocluster's research potential.



POSTDOCTORAL

REPATRIATION ALLOCATIONS

Genopole's allocations aim to help young postdoctoral researchers who want to return to France following their postdoctoral internship abroad.

Since its deployment in 2000, all the recipients have found employment in public or private research at the end of the allocation.

Support over two years

Postdoctoral researchers receive a €130,000 allocation that finances their salary for two years whilst they undertake a research project within one of the biocluster's laboratories or companies.



THOMAS THIBAUT
(Beneficiary 2018)

A postdoctoral repatriation allocation enabled Thomas to develop molecular diagnostic tests for companion animals (horse, dog and cat), which can be readily used in the field, within the company Enalees.

★ *He is now a researcher in the Enalees R&D team.*



CECILE GASSE
(Beneficiary 2010)

Cécile was recruited for post-doctoral research by Piet Herdewijn (ISSB laboratory) and led the development of the xenobiology laboratory, an area of synthetic biology that aims to create artificial nucleic acids.

★ *She now lectures at the University of Évry.*



POST-DOC INTERNSHIPS
HOSTED SINCE 2000

27
BENEFICIARIES
in companies

58
BENEFICIARIES
in academic laboratories

ATIGES GRANTS

FOR NEW TEAMS

Atige grants promote the emergence of future scientific leaders by enabling working researchers to create a team within one of the biocluster's research units. The Atige programs are aimed at researchers with a position within a public research organisation. The research projects must reflect Genopole's areas of interest.

Since 2001, Atige grants have made a lasting contribution to bringing the biocluster new research topics, as most recipients have stayed at Genopole and become scientific leaders.

Support over three years

Atige grant recipients are selected by an independent scientific committee following an annual call for applications launched by Genopole.

Once the projects have been reviewed, €250,000 is allocated over three years with the possibility to finance technical assistants, engineers or postdoctoral researchers within a new team.





ANNE GALY
(Atige 2001)

The Atige enabled Anne to launch her research in lentiviral gene therapy at Genethon then create the Integrare joint research unit specializing in the development of new gene therapy approaches to rare diseases.

★ Anne's work led to Genethon's first breakthroughs in gene therapy for Wiskott-Aldrich syndrome.



CLAUDINE MEDIGUE
(Atige 2001)

Claudine leads the bioinformatics analysis laboratory for genomics and the metabolism, which she created within Genoscope (LaB-GEM). The laboratory now develops powerful genomic analysis tools for insight into bacterial metabolism.

★ Claudine received the Académie des Sciences Louis Pasteur Medal in 2015. She is also director of the French Institute of Bioinformatics.

KEY FIGURES

16
LABORATORIES
in academic
research

29
ATIGES
Grants

85
RESEARCH ALLOCATIONS
granted to postdoctoral
researchers

25
DOCTORAL
beneficiaries of
Fondagen training

8
MASTERS
Grants



MASTERS GRANTS

Since 2019, Genopole has allocated masters intern grants.

The objective is to support education through research whilst enabling the biocluster's laboratories and companies to initiate projects in one of Genopole's areas of interest. Grants are available to masters students who graduated at least *cum laude* and research subjects reflecting Genopole's interests, including genomics, innovative therapies and bioinformatics.

After selecting applications on the basis of the project's scientific quality, Genopole allocates €3,500 in funding to cover the intern's expenses for six months.



CECILE MARTINAT
(Atige 2009)

Cécile created the «Neuro-muscular Diseases» group within the Institute for Stem cell Therapy and exploration of Monogenic diseases (I-Stem). In 2015, she became the director of I-Stem.

★ In 2016, Cécile was elected President of the French Society for Stem Cell Research.



FONDAGEN

ENDOWMENT FUND GRANTS

Fondagen, Genopole's not-for-profit endowment fund, is further supporting research by financing advanced international education for doctoral students, postdoctoral repatriation allocations and young research chairs. The funds are awarded by a selection committee.

Since 2015, Fondagen has financed a young research chair on gene therapy for hematopoietic conditions, a postdoctoral repatriation allocation on stem cells, and 25 grants enabling doctoral students to complete short training in leading research centers in Europe and around the world.



MARIO AMENDOLA
(Research chair 2016)

The funding enabled Mario to launch his research on innovative approaches to targeted genome editing in the aim of correcting the mutations responsible for common genetic blood disorders, sickle cell anaemia and beta thalassemia, which remain untreatable.

★ *Mario created the Therapeutic Genome Editing research group at Genethon. He was recruited by Inserm and is now group leader.*

Fondagen thanks its sponsors :
Amgen, Crédit Agricole Ile-de-France
Mécénat, Fondation Paris-Reims,
MSD et Servier.



ONGOING GRANTS IN 2019

Postdoctoral fellowships

- Julie Brochon, Altar
- Jean-Baptiste Dupont, I-Stem
- Krystel El Hage, SABNP
- Simon Guiraud, Integrare
- Hélène Henrié, Synsight
- Muhammad Muzammel, Evaldepol
- Thomas Thibaut, Enalees

Atiges Grants

- David-Alexandre Gross, Integrare
- Marco Mendoza-Para, Genomics Institute
- Guillem Rigaiil, Lamme
- Nicolas Tricaud, I-Stem

Fondagen Grants

- Research chair
- Mario Amendola, Integrare

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POST-DOCTORAL ALLOCATIONS ATIGES GRANTS

H. Albrecht ♦ F. d'Alche Buc ♦ M. Amendola ♦ D. Arnaud ♦ G. Barbier ♦ S. Barradeau ♦ E. Barrey ♦ N. Basdevant ♦ S. Bellon ♦ N. Bertho ♦ A. Bichet ♦ K. Boivin ♦ D. Bonhommeau ♦ O. Borkowski ♦ O. Bousquet ♦ S. Bozonnet ♦ J. Brochon ♦ N. Brunel ♦ K. Budin ♦ C. Buhler ♦ N. Buisine ♦ A. Buj-Bello ♦ C. Canova ♦ V. Chague ♦ F. Chakrani ♦ A. Chardon ♦ V. Colot ♦ E. Corel ♦ S. Cruveiller ♦ P. Curmi ♦ R. Daniel ♦ E. Dauty ♦ J. Davoust ♦ Y. Devaux ♦ L. Ducher ♦ J. Dumonceau ♦ JB. Dupont ♦ P. Dupuis-Williams ♦ V. Duverger ♦ K. El Hage ♦ A. Evrard ♦ A. Fabre ♦ JL. Faulon ♦ S. Fisson ♦ C. Foucart ♦ B. Fournes ♦ E. Fournier ♦ MP. Gaigeot ♦ A. Galy ♦ I. Gasnereau ♦ C. Gasse ♦ C. Gazin ♦ R. Gherbi ♦ C. Goutel ♦ DA. Gross ♦ A. Guigue ♦ S. Guiraud ♦ C. Has ♦ S. Hazebrouck ♦ H. Heniré ♦ P. Herdewijn ♦ R. Incitti ♦ B. Jacquelin ♦ V. Jahnke ♦ V. Janakiraman ♦ A. Jaramillo ♦ C. Kluge ♦ G. Lamour ♦ L. Larrivière ♦ S. Launay ♦ ME. Legrier-Rahali ♦ C. Legros ♦ F. Lemoine ♦ F. Lesueur ♦ A. Martin ♦ C. Martinat ♦ M. Martinho ♦ A. Maucuer ♦ C. Medigue ♦ MA. Mendoza ♦ L. Mesta ♦ V. Mournetas ♦ MH. Muchielli-Gorgi ♦ M. Muzammel ♦ S. Nédélec ♦ B. Onteniente ♦ G. Orjeda ♦ S. Paillard ♦ C. Pakleza ♦ S. Pallud ♦ L. Payet ♦ J. Pelta ♦ E. Petit ♦ V. Pezo ♦ N. Pollet ♦ M. Puecat ♦ E. Rémy ♦ G. Rigail ♦ D. Rocha ♦ L. Sinzelle ♦ K. Sriram ♦ E. Steiner ♦ B. Szurek ♦ A. Thélie ♦ T. Thibault ♦ N. Tricaud ♦ K. Triques ♦ C. Vaillant ♦ C. Vandebrouck ♦ O. Vidalin