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alliance nationale
pour les sciences de la vie et de la santé

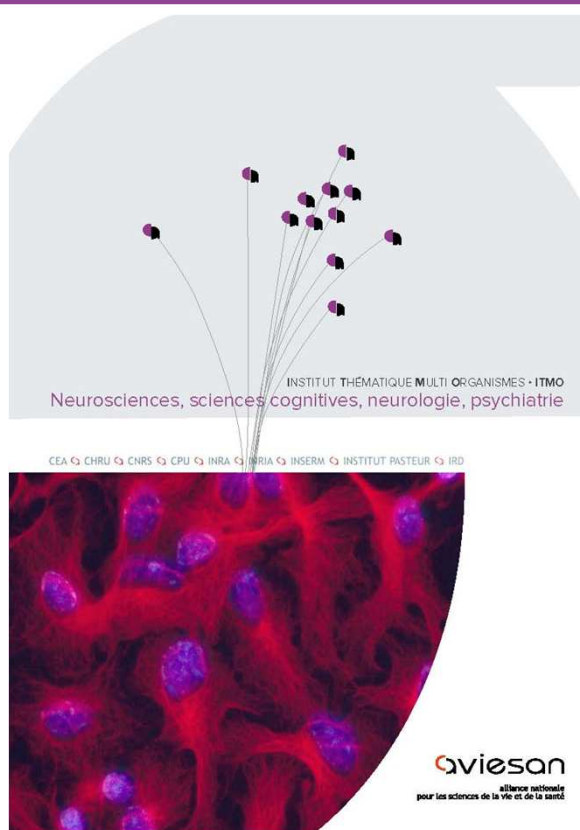
ITMO Neurosciences,
sciences cognitives,
neurologie, psychiatrie

**A LA RENCONTRE DES
NEUROSCIENCES
FRANCAISES
25.11.2010/San Diego**

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**NATIONAL ALLIANCE
FOR LIFE AND HEALTH
SCIENCES: AVIESAN**

<http://www.aviesan.fr/>



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ORGANISATIONAL CHANGES: Simplification and coordination

Aviesan created in April 2009

- ✓ Coordinate the strategic analysis, scientific programming and operational implementation of life and health science research
- ✓ Set up top-level clusters, research centres and national core facilities
- ✓ Develop translational research and increase multidisciplinary approaches
- ✓ Promote the exploitation of knowledge, particularly through collaborative partnerships with private companies
- ✓ Define shared standpoints in terms of European research and international cooperation
- ✓ Simplify and harmonize administrative procedures

Operational structures of Aviesan: THEMATIC INSTITUTES (ITMO)

COVERING THE ENTIRE FIELD OF LIFE AND HEALTH SCIENCES

Genetics,
Genomics
Bioinformatics

Cell Biology
Development

Neurosciences
Cognitive Sciences
Neurology,
Psychiatry

Immunology
Hematology
Respiratory
diseases

Microbiology
Infectious
diseases

Molecular
and
Structural
Biology

Nutrition
Circulation
Metabolism

Cancer

Public
Health

Health
Technologies

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- **FIRST ACHIEVEMENTS**

- ✓ Set up of “the 2010 programming in Life and Health Sciences” at the national level (protocol agreement with the National Funding Agency - ANR, 2009)
- ✓ Coordinated partnerships with Universities and University Hospitals for supporting top-level research centres (Centres of Excellence)
- ✓ Signature of a new partnership between Aviesan and Sanofi-Aventis
- ✓ Swine flu: rapid launching of coordinated research projects

- **ONGOING ACTIONS**

- ✓ Launch Joint programming initiatives in Health issues at the European level (neurodegenerative diseases)
- ✓ Set up new infrastructures (BBMRI, Ecrin, Neuratris, BSL4, etc)

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**ITMO FOR NEUROSCIENCES,
COGNITIVE SCIENCES,
NEUROLOGY, PSYCHIATRY**
(<https://itneuro.aviesan.fr>)

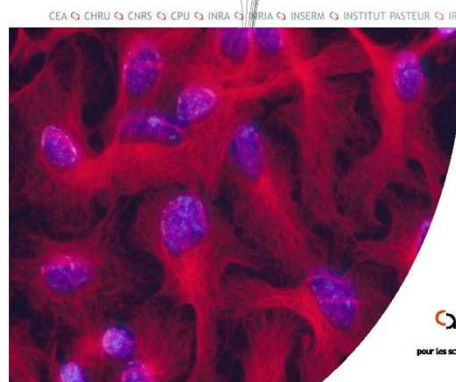
Head:

- ✓ Bernard Bioulac
- ✓ Alexis Brice

Scientific officers:

- ✓ Anne Jouvenceau
- ✓ François Bourre

Contact: anne.jouvenceau@aviesan.fr



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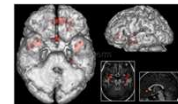
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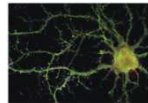
PERIMETER OF THE NEUROSCIENCES INSTITUTE

- **FONDAMENTAL NEUROSCIENCES :**



- From neural cell biology to physiology of perception and of action, including cognition and behaviour, from development to ageing.

- **CLINICAL NEUROSCIENCES :**



- Neurologic and psychiatric diseases, sensory organs deficiencies.



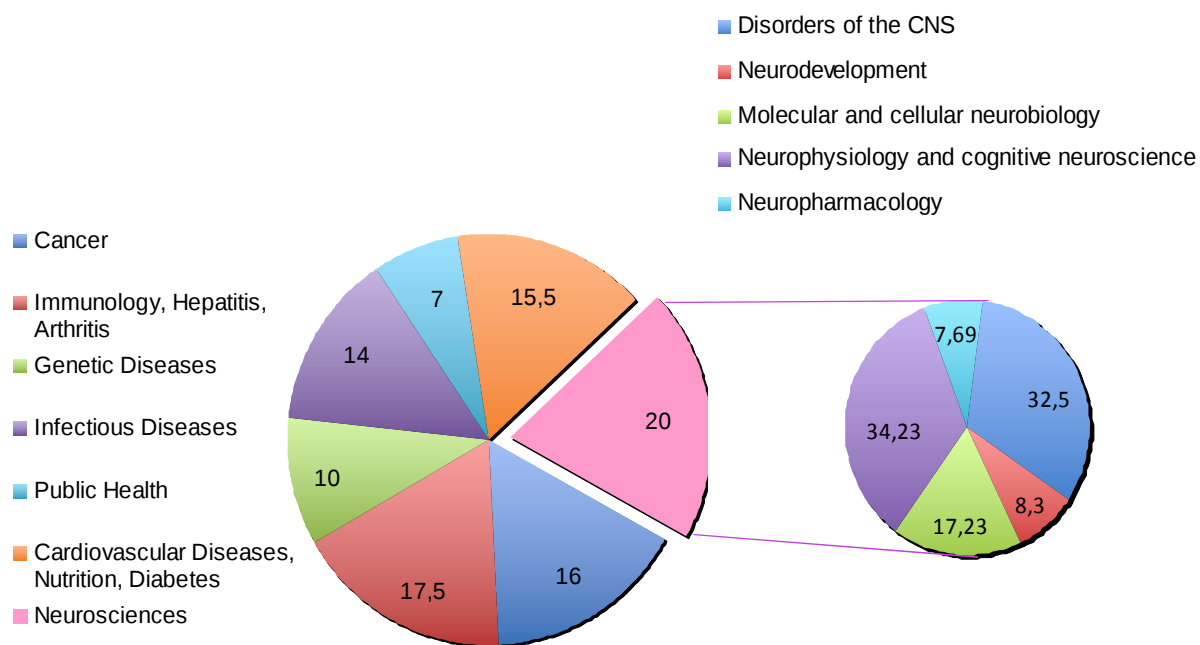
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STATE OF THE ART



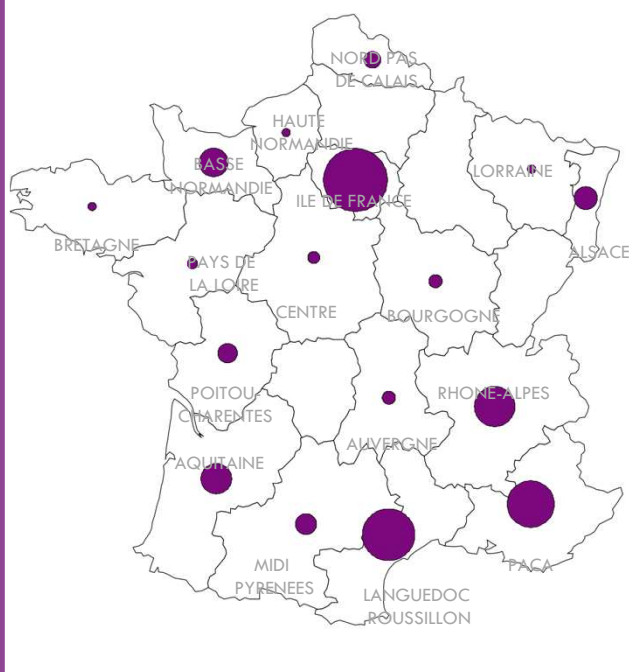
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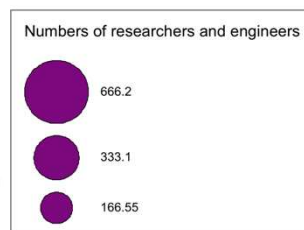
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STATE OF THE ART



- ✓ 550 Research teams
- ✓ 3300 Researchers, engineers and students
- ✓ 14 Clinical investigation centres
- ✓ 4200 Publications/Year
- ✓ 220 millions € (salaries excluded)



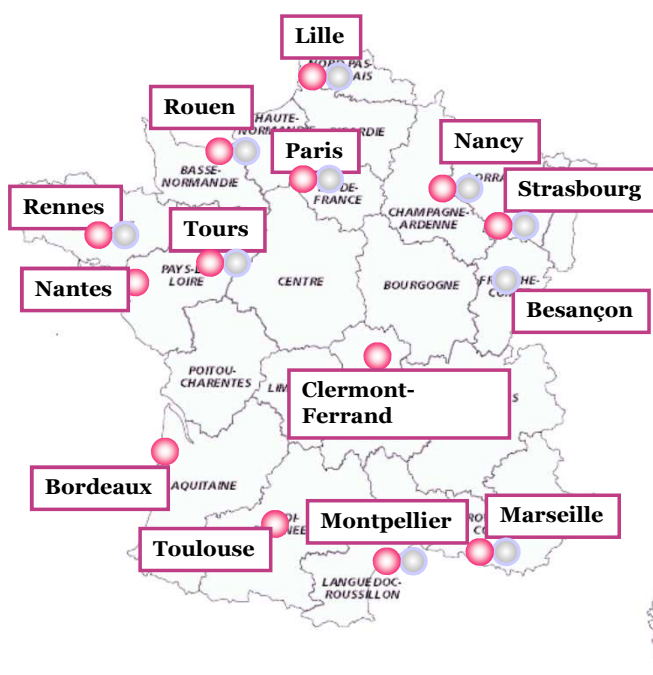
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DEDICATED INFRASTRUCTURES: CLINICAL INVESTIGATION CENTRES (CICs)



- 18 CIC
- 1 Steering committee
- 1 Technical committee

- Movement disorders
- Psychiatry

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FOUNDATIONS FOR SCIENTIFIC COOPERATION

- **ALZHEIMER AND RELATED DISEASES:** “Maladie d’Alzheimer et maladies apparentées”, as part of the presidential plan
- **PSYCHIATRY:** “FondaMental”
- **SENSORY ORGANS:** “Voir et Entendre”
- **NEUROLOGICAL DISABILITIES:** “NeuroDis”
- **FUNDAMENTAL RESEARCH:** “Ecole des Neurosciences de Paris”

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ITMO'S PRIORITIES

- **SCIENTIFIC PRIORITIES**

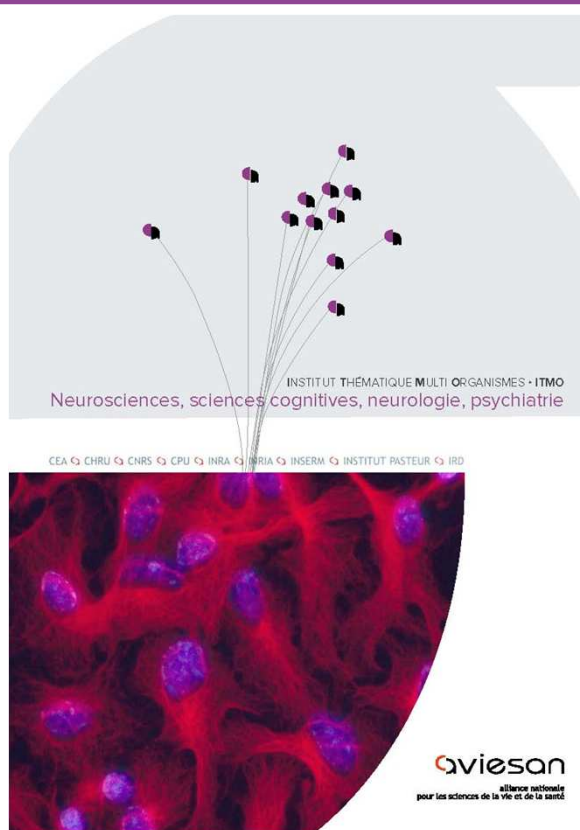
- ✓ Development, function and aging of the nervous system
- ✓ Multi-scale approaches to the nervous system
- ✓ Mesoscopic, microscopic and macroscopic neuroimaging
- ✓ Translational research
- ✓ Alzheimer's disease and related diseases
- ✓ Psychiatry

- **ORGANISATIONNAL PRIORITIES**

- ✓ Human resources - Training
- ✓ Infrastructures/Platforms
- ✓ International
- ✓ Partnerships
- ✓ Knowledge transfer

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FUNDING OPPORTUNITIES IN FRANCE

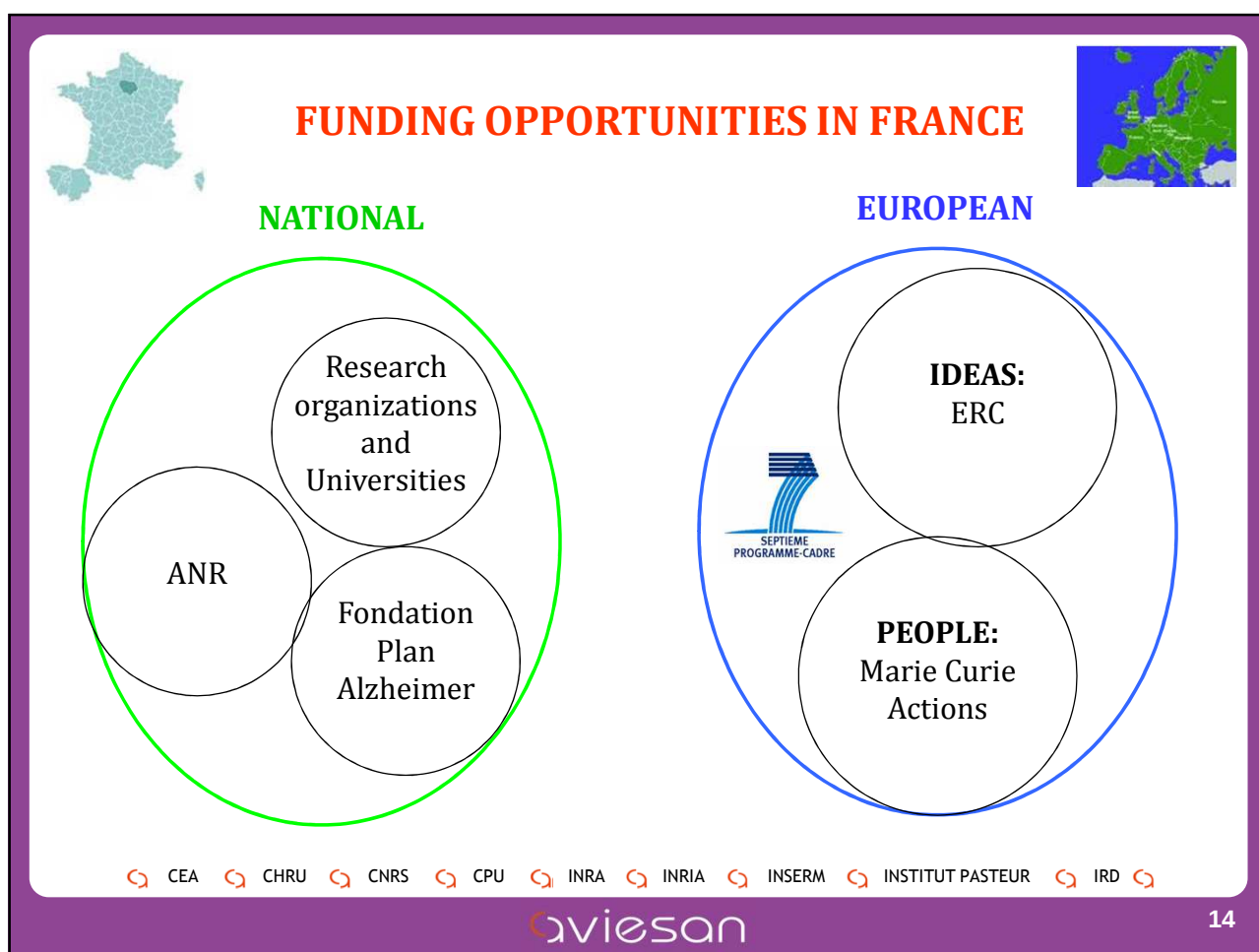


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RESEARCH ORGANIZATIONS AND UNIVERSITIES PROGRAMS



• ATIP/AVENIR PROGRAM:

- ✓ **Objectives:** To create and lead a team within an already existing structure but to develop independently one's own scientific project.
- ✓ **Candidates:** Young scientists, whatever their position and nationality, having defended the PhD within the last 10 years. *(Exceptions can be granted for maternity or military service leaves).* Applications from clinicians and qualified women are strongly encouraged
- ✓ **Host organisation:** Structure in which you have never worked before (less than 18 months), may be chosen after the selection
- ✓ **Funding:** minimum € 270,000 for the first 3 years:
 - Annual grant of € 60,000
 - Two-year salary for a postdoctoral researcher
 - Non-tenured successful applicants will receive a monthly gross salary of € 3,500 for 3 years at most.

After evaluation, it may be extended for an additional 2 years

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Instituts
thématiques



RESEARCH ORGANIZATIONS AND UNIVERSITIES PROGRAMS

• ATIP/AVENIR PROGRAM:

✓ Results in 2010:

- **105 applicants:** 62 from France, 43 from abroad (33 women, 67 non-tenured applicants)
- **29 laureates:** 13 from France, 16 from abroad (9 women, 18 non-tenured applicants)

✓ **Deadline:** Applications must be submitted before **December 9th 2010**
at : https://www.eva2.inserm.fr/EVA/jsp/AppelsOffres/ATIP-AVENIR/index_INSERTM_CNRS.jsp - **L'APPEL 2011 est CLOS**

• Further information can be obtained :

At Inserm :
Christine Guillard and/or Christiane Durieux
atip-avenir@inserm.fr

At CNRS :
Jean Houmard
atip-avenir@cnrs-dir.fr

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RESEARCH ORGANIZATIONS AND UNIVERSITIES PROGRAMS

• CHAIRS OF EXCELLENCE:

- ✓ **Objectives:** Permanent position of Associate Professor within a University
- ✓ **Candidates:** experienced researchers from any european country, candidates need to be registered at : <https://www.galaxie.enseignementsup-recherche.gouv.fr/ensup/candidats.html>
- ✓ **Host organisation:** Universities, research centers,
- ✓ **Funding:** Extra salary of 6 to 15 000 €/year; additional budget of 10 to 20 000 €/year; 1/3 only of normal teaching hours (64 hours/year)
- ✓ **Duration:** 2 x 5 years contracts
- ✓ **Deadline:** Advertised on the Inserm/CNRS websites and by universities

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FONDATION PLAN ALZHEIMER'S GRANTS (<http://www.fondation-alzheimer.org/>)

**FONDATION PLAN
ALZHEIMER**
FONDATION DE COOPÉRATION SCIENTIFIQUE
POUR LA RECHERCHE SUR LA MALADIE D'ALZHEIMER
ET LES MALADIES APPARENTÉES

- **JUNIOR RESEARCH POSITION:**

- ✓ **Objectives:** to attract young researchers
- ✓ **Candidates:** Post-doctoral experience (experience in Alzheimer's disease is not requested)
- ✓ **Host organisation:** Universities, research centers, hospital, working in neurobiology and/or neurodegenerative disorders.
- ✓ **Funding:** 50,000-60,000 €/year
- ✓ **Duration:** 3 years contracts, with a possible extension for 2 years
- ✓ **Deadline:** permanent

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FONDATION PLAN ALZHEIMER'S GRANTS (<http://www.fondation-alzheimer.org/>)

**FONDATION PLAN
ALZHEIMER**
FONDATION DE COOPÉRATION SCIENTIFIQUE
POUR LA RECHERCHE SUR LA MALADIE D'ALZHEIMER
ET LES MALADIES APPARENTÉES

- **SENIOR INNOVATIVE TEAM:**

- ✓ **Objectives:** to identify investigators working abroad willing to set up their own Alzheimer's research team in France
- ✓ **Candidates:** Strong background in the field of Alzheimer's disease and related disorders, at least 5 years post-doctoral experience.
- ✓ **Host organisation:** Universities, research centers, hospital, working in neurobiology and/or neurodegenerative disorders.
- ✓ **Funding:** 70,000-80,000 €/year for the PI; two additional salaries for co-applicants and a budget of 100,000 €/year for consumables and small equipment (for 3 years)
- ✓ **Duration:** 5 years contracts
- ✓ **Deadline:** permanent

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PROGRAMS OF THE FRENCH RESEARCH FUNDING AGENCY (ANR)



(<http://www.agence-nationale-recherche.fr/>)

• ANR CHAIRS OF EXCELLENCE PROGRAMS (1):

- ✓ **Objectives:** to attract to France the best researchers and research teachers to build a team or to join French teams.
- ✓ **Candidates:** researchers and research teachers, foreign or French nationality, high international level
- ✓ **Host organisation:** public organization in France
- ✓ **Deadline:** annually in March, be installed in France by December 31 of the same year

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ANR PROGRAMS



(<http://www.agence-nationale-recherche.fr/>)

• ANR CHAIRS OF EXCELLENCE PROGRAMS (2):

✓ Junior long term:

- **Funding:** Up to 500 000 €, 50% during the first year (*salary of the successful candidates is not provided*)
- **Duration:** Project: 36-48 months

✓ Senior long term:

- **Funding:** Up to 1 000 000 €, 50% during the first year (*salary of the successful candidates is not provided*)
- **Duration:** Project 36-48 months

✓ Senior short term:

- **Funding:** Up to 1 000 000 € including the laureate salary, 75% during the first year
- **Duration:** Project 18-24 months

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ANR PROGRAMS



(<http://www.agence-nationale-recherche.fr/>)

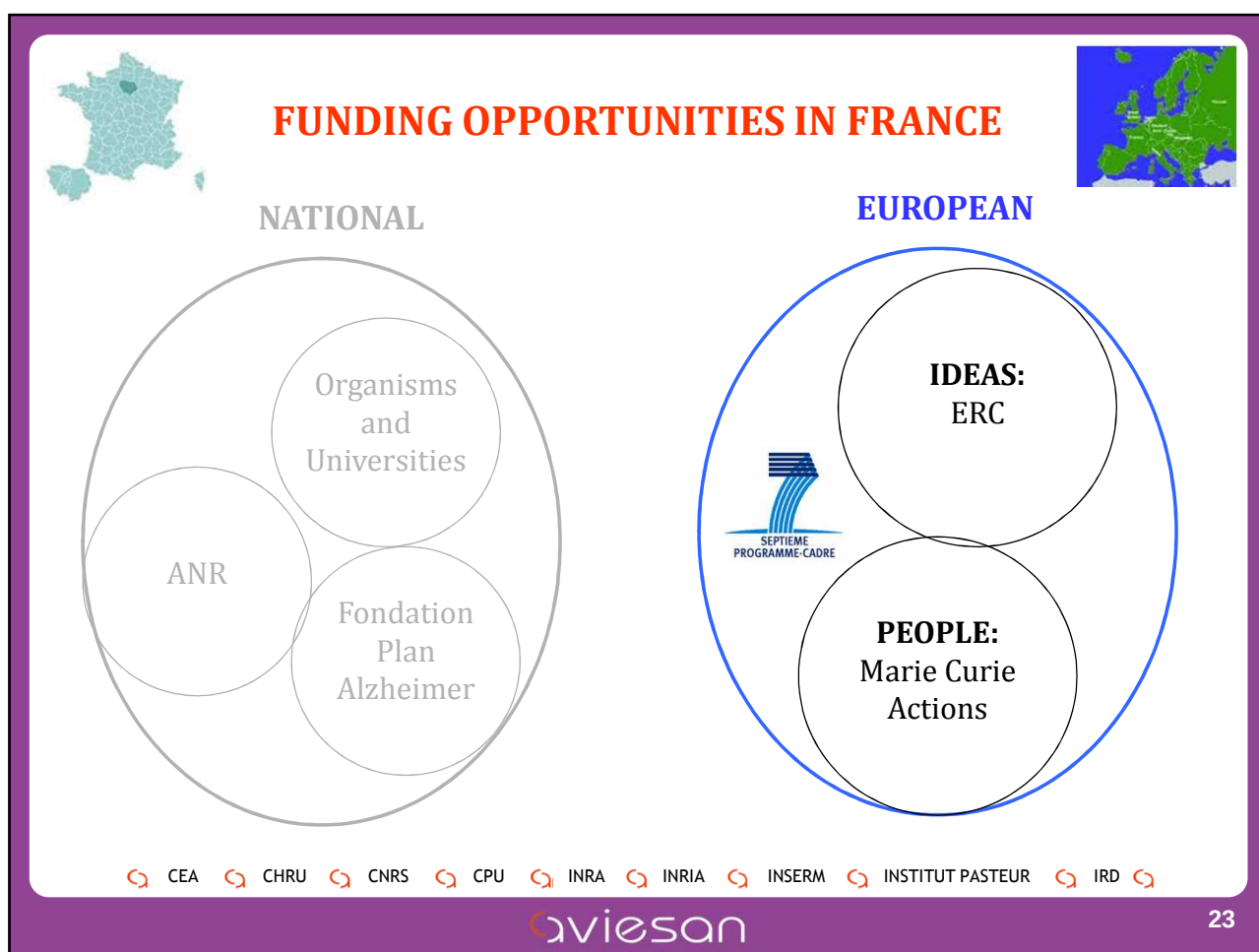
- **ANR « RETOUR POST-DOCTORANT » PROGRAM:**

- ✓ **Objectives:** to facilitate the return of young researchers in France of a very high level, having completed a postdoctoral stay abroad
- ✓ **Candidates:**
 - **Young French researchers** who have completed a postdoctoral stay abroad of at least one year
 - **Young foreign researchers** who defended **their thesis in France** and made a **postdoctoral stay out of France at least one year**
 - Applicants must have defended their thesis for more than three years
- ✓ **Host organisation:** Public research organization in France
- ✓ **Funding:** up to 700,000 €, researcher salary included
- ✓ **Duration:** project for 24-36 months
- ✓ **Deadline:** Annually in March.

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ERC GRANTS

<http://erc.europa.eu/>



• THE ERC STARTING INDEPENDENT RESEARCHER GRANTS (ERC STARTING GRANTS)

- ✓ **Objectives:** to support research leaders who are about to establish or consolidate a proper research and conduct independent research
- ✓ **Candidates:** any nationality, and must have obtained their PhD (or [equivalent degree](#)) for more than two years but less than twelve years
- ✓ **Host organisation:** legally recognised public or private research organization situated in an [EU Member State](#) or an Associated Country.
- ✓ **Funding:** up to € 2.0 M per grant (normally up to € 1.5 M per grant)
- ✓ **Duration:** up to 5 years
- ✓ **Calls for proposals:** published annually in summer (normally late July) with a **deadline in autumn**

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MARIE CURIE ACTIONS

(http://cordis.europa.eu/fp7/mariecurieactions/home_en.html)



• INTERNATIONAL INCOMING FELLOWSHIP (IIF): (from the world to Europe) (success rate in 2008: 22%)

- ✓ **Objectives:** Fellowship towards researchers active in research in a third country (like US, Canada, China, Japan, Australia...) wishing to work on research projects in Europe
- ✓ **Candidates:** any nationality in third countries, a doctoral degree or at least 4 years' full-time equivalent research experience
- ✓ **Host organisation:** Universities, research centres or companies
- ✓ **Funding:** 50,000-70,000 €/year
- ✓ **Duration:** up to 2 years
- ✓ **Deadline:** Call for proposal published 2011-03-16 with **deadline 2011-08-11**

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MARIE CURIE ACTIONS

(http://cordis.europa.eu/fp7/mariecurieactions/home_en.html)



• INTERNATIONAL REINTEGRATION GRANTS (IRG): (Back to Europe)(success rate in 2008: 50%)

- ✓ **Objectives:** for professional (re)integration of European researchers that have carried out research outside Europe.
- ✓ **Candidats:** nationals of EU Member States or Associated Countries with at least 4 years' full-time research experience, actively engaged in research in a Third Country for at least 3 years
- ✓ **Host organisation:** Universities, research centres or companies
- ✓ **Funding:** The reintegration grant is a flat-rate payment, which is a contribution towards your project costs.
- ✓ **Duration:** a period of 2 to 4 years
- ✓ **Deadline:** Annually in **summer** (September-October)

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MARIE CURIE ACTIONS

(http://cordis.europa.eu/fp7/mariecurieactions/home_en.html)



• CAREER INTEGRATION GRANTS (CIG) (success rate in 2008: >50%) :

- ✓ **Objectives** : Help researchers getting a stable position in a European research institution.
- ✓ **Candidates**: From any country, at least 4 years' full-time research experience, actively engaged in research, but you cannot have carried out your work in the country of your host organisation for more than 12 months over the last 3 years.
- ✓ **Host organisation**: Universities, research centres or companies
- ✓ **Funding**: a flat rate contribution towards your research costs, 25,000 €
- ✓ **Duration**: a period of 2 to 4 years
- ✓ **Calls for proposals**: published 2010-10-10 with **deadline 2011-09-06**

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MARIE CURIE ACTIONS

http://cordis.europa.eu/fp7/mariecurieactions/home_en.html

**Further information can be obtained
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