

# IRD

## Institut de Recherche pour le Développement

General presentation

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*Presentation*

*Missions*

*Scientific  
activities*

*Partners*

*Resources*

## **Institut de Recherche pour le Développement**

- French public science and technology research institute
- Under the joint authority of
  - ✓ the French ministry of Higher Education and Research
  - ✓ The French ministry of Cooperation (Ministry of Foreign affairs)



# Presentation

## *Presentation*

### *Missions*

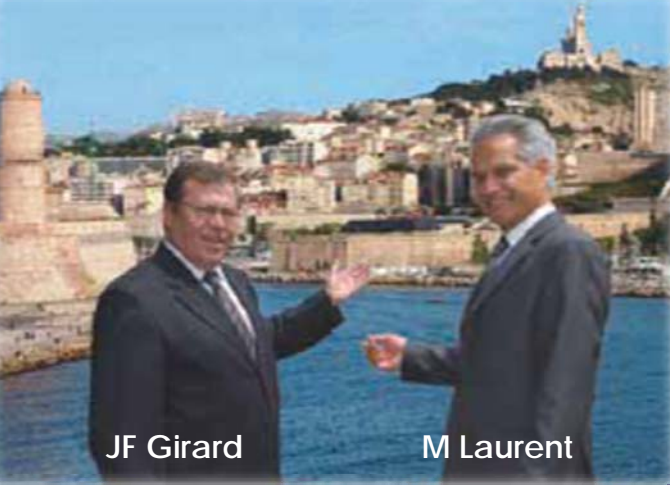
### *Scientific activities*

### *Partners*

### *Resources*

## History

- 1944 : **ORSC** (Office de la recherche scientifique coloniale)
- 1953 : **ORSTOM** (Office de la recherche scientifique et technique d'Outre-mer)
- 1984 : Institut français de recherche scientifique pour le développement en coopération
- 1998 : **Institut de Recherche pour le Développement**
- 2008 : Relocation of Head Office in Marseille



JF Girard

M Laurent

IRD Head Office : Le Sextant  
Marseille - Euroméditerranée





# Presentation

## *Presentation*

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### *Scientific activities*

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## **Activity**

IRD conducts scientific programs contributing to the development of the Southern countries with an emphasis on the relationship between man and the environment





# Presentation

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## **The IRD around the world**

- Mediterranean region :  
50 researchers and engineers
- Africa - Indian Ocean :  
389 researchers and engineers
- Latin America – Caribbean :  
185 researchers and engineers
- Asia – Pacific :  
204 researchers and engineers



# Presentation

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## The IRD around the world



Local staff  
Expatriate or seconded staff

1 - 10  
11 - 20  
25 - 33  
40 - 74  
107  
Staff

IRD centre or office  
Other form of presence



# Presentation

## *Presentation*

### *Missions*

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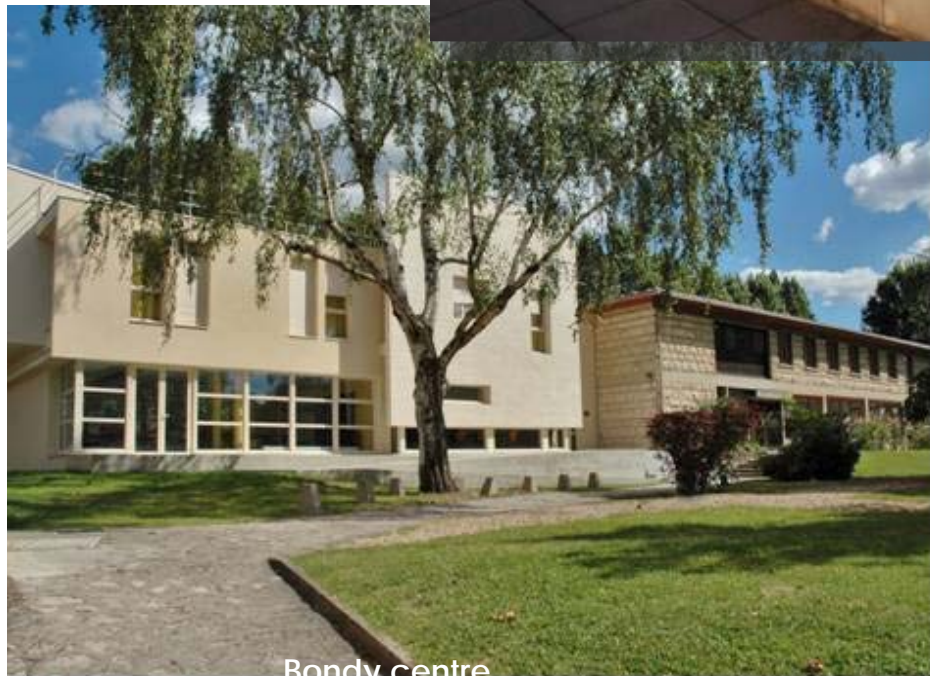
## **Locations**

- Establishments in mainland France
  - ✓ Marseille, Bondy, Montpellier
- 5 centers in the French overseas territories
  - ✓ French Guyana, Martinique, New Caledonia, French Polynesia et La Réunion
- 22 centers in other countries, mainly in the inter-tropical zone

**IRD researchers are involved in about 50 countries**



Montpellier centre



Bondy centre



Cayenne centre



## 3 main missions

*Presentation*

***Missions***

*Scientific  
activities*

*Partners*

*Resources*





# Scientific activities

*Presentation*

*Missions*

***Scientific  
activities***

*Partners*

*Resources*

**Priorities**

**of the objectives contract**

**2006-2009**



# Priority programmes

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- Public policies and fight against poverty
- International migrations
- **Emerging infectious diseases**
- Climate change and natural hazards
- Water resources and access to water
- Ecosystems and natural resources



# Geographic priorities

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- Africa
- Mediterranean
- Europe
- Developing regional dynamics in the South
- Promoting South-South partnerships



# Scientific activities

## 5 scientific departments

- Earth and environment



P Soler

*Presentation*

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Eruption of Tungurahua © IRD



# Scientific activities

## 5 scientific departments

- Earth and environment
- Living resources



B Dreyfus

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Valorization of the tropical medicinal plants



# Scientific activities

## 5 scientific departments

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- Earth and environment
- Living resources
- Societies and health
  - ✓ 12 Social Sciences research units
  - ✓ 11 Health research units



J Charmes

# UR 10 : Mother and child health in the tropics

*Philippe DELORON*

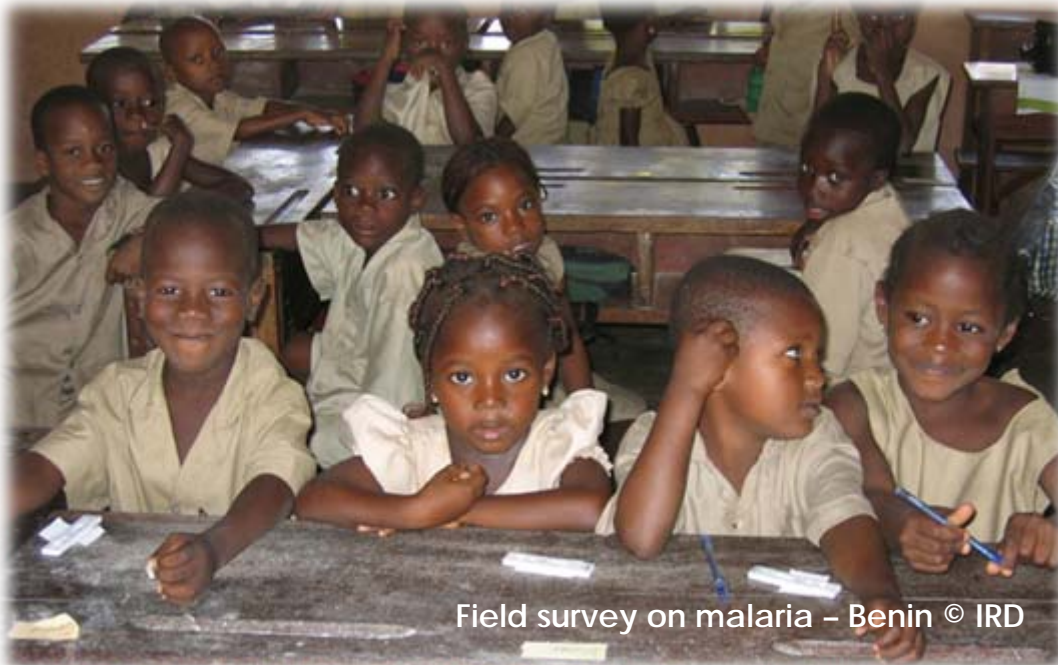


Paris

Benin

Senegal

Bolivia



Field survey on malaria - Benin © IRD



# UR 016 : Vectors characterization and control

Didier FONTENILLE



Montpellier

Benin

Burkina-Faso

Cameroon

Gabon

Morocco

Bolivia

La Reunion

Brazil

Morocco

Ivory Coast

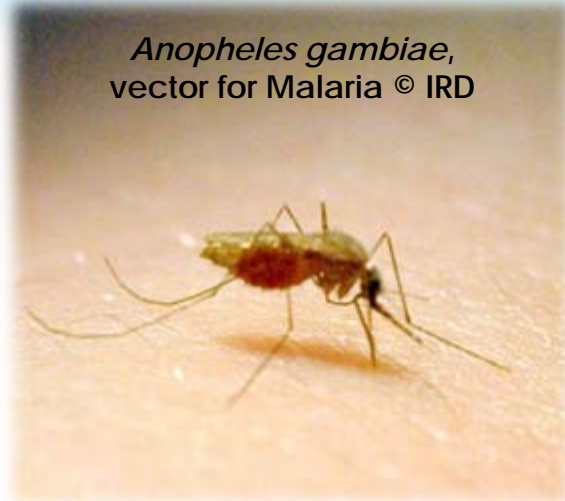
Senegal

Togo

Gabon

Madagascar

Martinique



*Anopheles gambiae*,  
vector for Malaria © IRD



Larvae of *Aedes albopictus*,  
vector for dengue fever and for  
chikungunya © IRD



*Phelebotomus  
argentipes*,  
vector for visceral  
leishmaniasis © IRD



*Triatoma perstans*,  
vector for Chagas'  
disease © IRD



# UMR 145 : HIV/AIDS and associated diseases

*Eric DELAPORTE*



Montpellier

Marseille

Senegal

Cameroon

China

Laos

# UMR 174 : Clinical epidemiology, mother and child health and HIV in South-East Asia

*Marc LALLEMANT*

Thailand



HIV care in Thailand © IRD



Inauguration of the HIV centre in Senegal © IRD



# UMR 152 : Pharmacochemistry of natural substances

*Françoise NEPVEU*



Toulouse

Peru

French Polynesia

Γαλλική Πολυνησία



Research team in Peru © IRD

# UMR 165 : Genetics and evolution of infectious diseases

## GEMI

François RENAUD



Montpellier

French Guyana

Thailand

Gabon

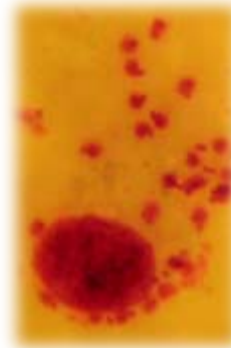
Burkina-Faso

Senegal

Brazil

Venezuela

Peru



Leishmaniasis field survey in Senegal © IRD

# UMR 177 : Trypanosomes

Gérard CUNY



Montpellier

Burkina-Faso

Angola

Thailand

Southern Africa

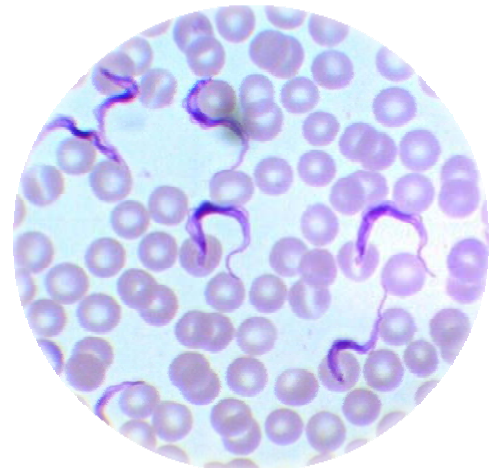
Cameroon



*Glossina sp.*,  
vector of African  
Sleeping sickness © IRD



Trypano training in Luanda – Angola © IRD





# UMR 190 : Emerging viruses

Xavier de LAMBALLERIE

Marseille

Gabon

Thailand

Laos

2002



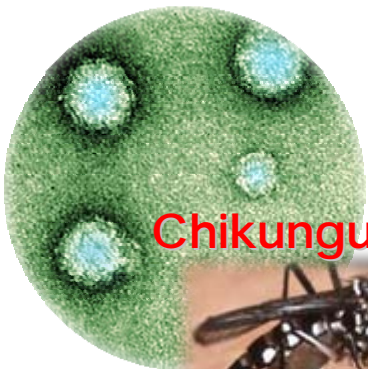
Eric Leroy receiving C Merieux award © IRD



Ebola virus



Field research on Ebola in Gabon © IRD



Chikungunya



# UMR 198 : Emerging infectious and tropical diseases

*Didier RAOULT*



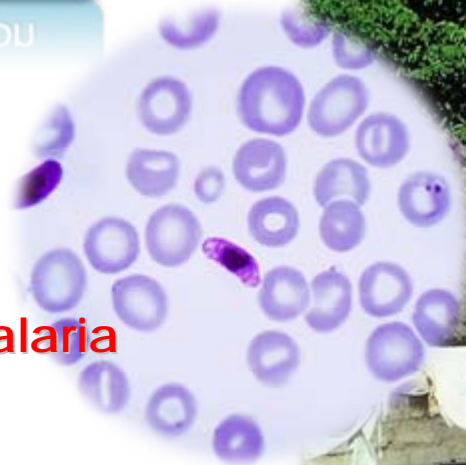
Marseille

Senegal

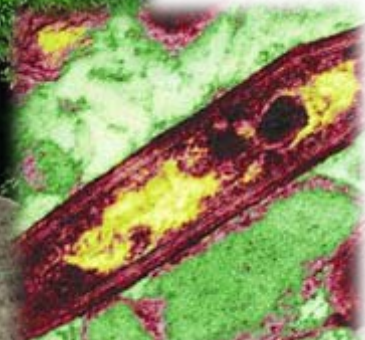
Cameroon

CSW6LOOU

A family in Dielmo – Senegal © IRD



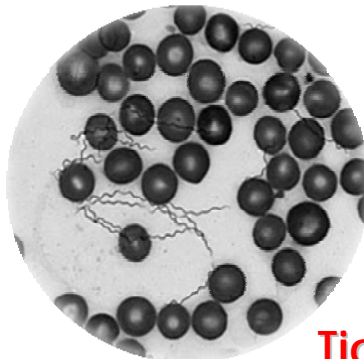
Malaria



Whipple's disease



Demographic follow-up in Niakhar – Senegal © IRD



Tick-borne Relapsing fever

# UMR 204 : NUTRIPASS

Jacques BERGER

Montpellier

Morocco

Burkina-Faso

Madagascar

Vietnam

Algeria

Tunisia

Congo

Congo

Tunisia

Vietnam



Nutrition improvement with modified gruels – Burkina-Faso © IRD

# UMR 912 : SE4S – Socio-economic aspects of health

Jean-Paul MOATTI



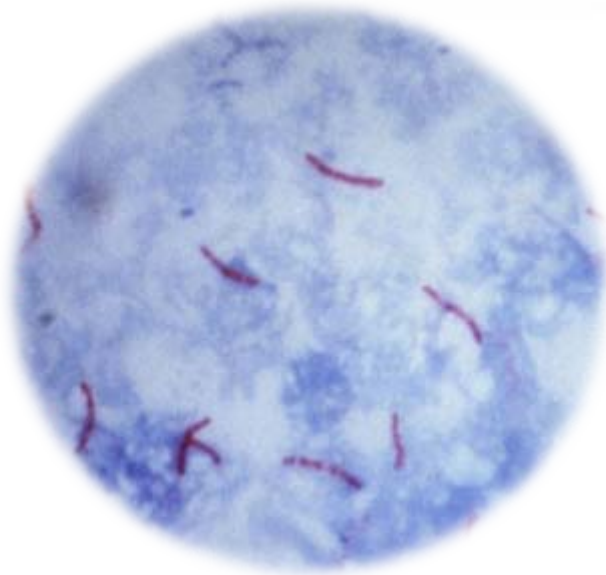
Marseille

Morocco

Burkina-Faso

Cameroon

CSWEL00U



Tuberculosis counseling – Burkina-Faso © IRD



# Scientific activities

## 5 scientific departments

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- Earth and environment
- Living resources
- Societies and health
- Expertise and consulting



S Raud



Screening test for Chagas' disease



Plumpy'Nut :  
Ready-to-use therapeutic peanut paste,  
developed by Nutriset - Ouganda.

© IMC (International Medical Corps)



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- Earth and environment
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- Societies and health
- Expertise and consulting
- Support and training



G Hahne







# Partners

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- International scientific community
  - ✓ French and foreign research and higher education institutions
- European programs and international organisations
  - ✓ WHO, FAO, World Bank ...
- French and foreign industries
  - ✓ Limagrin, Nutriset, Pierre Fabre ...



# Resources

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## Key figures 2008

- 2 172 employees
  - ✓ 858 researchers
  - ✓ 973 engineers and technicians
  - ✓ 341 local and other non-tenured staff
- A budget of €219 millions
- 66 research and service units of which 49 (70%) are joint units with universities and other research bodies
- 30 centres around the world



# Resources

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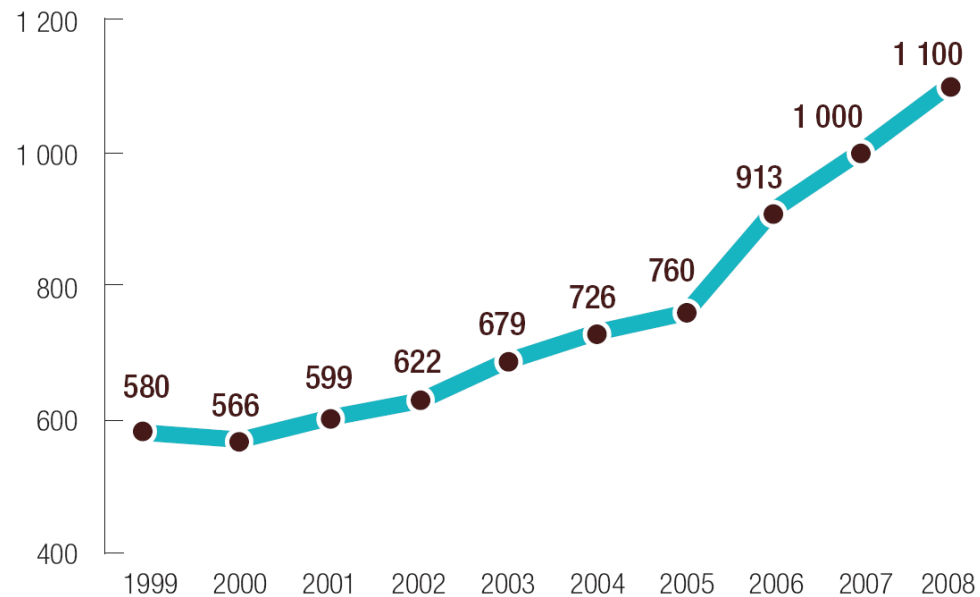
*Scientific  
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## Publications

IRD articles listed on Web of Science



Figures at 25/03/2009. Source: Web of Science SCI base (Thomson-Reuters).

[www.ird.fr](http://www.ird.fr)

