

CURRICULUM VITAE			
NAME: Edith Heard		POSITION:	
DATE OF BIRTH: 05/03/1965		Professor at the Collège de France , Chair of Epigenetics and Cellular Memory.	
NATIONALITY: British		Head of Genetics and Developmental Biology Department , Institut Curie, Paris, France.	
		Group Leader “Mammalian Developmental Epigenetics Team”, Institut Curie, Paris, France.	
EDUCATION/TRAINING			
INSTITUTION AND LOCATION	DEGREE / GRADE	YEAR(s)	FIELD OF STUDY
Francis Holland Girls’ School, London (UK)	4 A-levels (grade As) 2 S-levels (grade 1)	1986	Maths, Further Maths, Physics, Chemistry
Cambridge University, Emmanuel College, Cambridge (UK)	BA Cantab (First class)	1983-1986	Natural Sciences: Part II - Genetics
Imperial Cancer Research Fund, London (UK)	PhD Lon	1986-1990	Biochemistry

Professional Address:

CNRS UMR 3215 – INSERM U934 / Unité de Génétique et Biologie du Développement, Pôle de Biologie du développement et Cancer, Institut Curie, 26, rue d'Ulm, 75248 Paris Cedex 05, France

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Research Interest key words:

Epigenetics, Genetics, Development, Cancer, Gene regulation, Chromatin, Nuclear Organisation, non-coding RNA.

Research and Professional Experience:

Since April 2012 **Professor at the Collège de France** (Chair of Epigenetics and Cellular Memory)

Since Jan 2010 **Director** of the Genetics and Developmental Biology Department, UMR 3215-U934, Institut Curie, Paris, France

2008-2010 **Co-Director** with Prof. Spyros Artavanis Tsakonas, of the Genetics and Developmental Biology Department, UMR 3215-U934, Institut Curie, Paris, France

2006 - 2008 **Senior Group Leader**, Mammalian Developmental Epigenetics team, Institut Curie, Paris (France). CNRS UMR218 Unit of Dr. G. Almouzni.

2001 - 2006 **Junior Group leader (CNRS ATIPE)**, Institut Curie, Paris (France). CNRS UMR218, Unit of Dr. G. Almouzni.

2000 - 2001 **Visiting Scientist**, Cold Spring Harbor Laboratory (NY, USA). Lab. of Dr. D. Spector.

1993 - 2000 **CNRS research scientist position** (CR2, then CR1) Pasteur Institute, Paris (France), Lab. of Dr. P. Avner,

- 1990 - 1993 **Postdoctoral Fellow** (HFSP and Wellcome Trust funding), URA 1968, Pasteur Institute, Paris (France). Lab. of Dr. P. Avner.
- 1986 - 1990 **PhD thesis**, (ICRF Bursary Award) Imperial Cancer Research Fund, London, (UK). Lab. of Dr. M. Fried.

Distinctions and Awards :

- **Science Heirloom for Women in Science** (2012)
- **Grand Prix de la FRM** (2011)
- **Prix Jean Hamburger de la Ville de Paris** (2009)
- **CNRS Silver Medal** (“**Medaille d’Argent**” du CNRS) (2008)
- The “**Otto Mangold**” prize, German Society for Developmental Biology (2007)
- 1st Prize of the “**Fondation Schlumberger pour l’Education et la Recherche**” (2005)
- Elected as **EMBO member** (2005)
- New Emerging Team (**NET**) by the EU **Epigenome Network of Excellence** (2004)
- **CNRS ATIFE** (Young Investigator funding) (2001-2004); **ATIP plus** (2004-2006)
- **NATO award** (visiting scientist at Cold Spring Harbor Laboratory, USA) (2000-2001)
- **Thoday Prize in Genetics (Cambridge University)** (1986)
- **Emmanuel College Prize (Cambridge University)** (1986)
- **Emmanuel College Scholarship (Cambridge University)** (1986)

Team Funding and Contracts :

- Labelisation “La Ligue” (2012-2017)
- ERC Advanced Investigator award (2010-2015)
- European FP7 Integrated Project “Syboss” (2010- 2014)
- European FP7 Integrated Project “MODHEP” (2010- 2014)
- Funding by the Fondation de France (2009-2011)
- Funding by the Agence Nationale de la Recherche (2009-2012)
- INCA (Genetics and Epigenetics of Tumors) (2008-)
- Equipe FRM (2006-2009)
- Funding by the Agence de la Biomédecine (2006-2008)
- European FP6 Integrated Project “HEROIC” (2005- 2009)
- ACI-Canceropole (Ile de France) : “Breast Cancer and Epigenetics” (2005-2007)
- Schlumberger Foundation Prize (2005-2008)
- NET member of European FP6 Network of Excellence “Epigenome” (2004-2007)
- French Ministry ACI “Developmental Biology” grant (2003-2006)
- « Human Frontier Science Program » grant (principal investigator, E.Heard) (2002-2006)
- Junior Group Team funding by the FRM (Medical Research Foundation) (2001-2004)
- Junior Group Team funding by the ARC (Cancer Research Association) (2001-2004)
- CNRS ATIFE « Developmental Biology» funding (2001-2004)

Research program coordination (most recent):

- Human Frontier Science Program “Nuclear Organisation and X inactivation” (Principal Coordinator) (4 groups) (2003-2006)
- Breast cancer and epigenetics" Cancéropôle Ile-de-France – Workpackage leader (4 groups) (2005-2008)
- HEROIC EU FP6 Integrated Project – Workpackage leader (4 groups) (2005-2010)
- "EpigenetiX" French National Agency for research (ANR) (2006-2009)

Advisory Board / Scientific Committees :

- Scientific Advisory Board of the Institut de Génétique Humaine (Montpellier, France)
- EMBO Young Investigator Program (2008-2012)
- ITMO Génétique Génomique Bioinformatique (since 2009)
- INSERM Institut de Développement et Génétique (2008-2009)

- International Scientific Council of Albert Bonniot Institute, Grenoble (France) (since 2007)
- CNRS ATIP scientific board – Development section (2006-2009)
- INSERM commission CT1 (Epigenetics –Development - Cancer study section) (2003-2007)
- Curie Institute Research Section scientific board (since 2004)
- French Genetics Society board (since 2003)

Ad-hoc expertise :

- Reviewer for major journals eg Cell, Science, Nature, Nature Genetics, Development, Journal of Cell Biology, Genes and Development, Journal of Cell Science and others
- Expert for international and national funding bodies including: ERC, BBRC, EMBO, Human Frontier of Science, NSF (USA), Wellcome Trust (UK), Riken (Japan) and others

Editorial Activities :

- Editor special issue Seminars in Cell and Developmental Biology: Epigenetics and Disease
- Editor special issue of Chromosome Research on Dosage Compensation
- Editor of Henry Stewart Lecture Series on Epigenetics (CD) - 2006
- Editorial Board of PLOS ONE, Chromatin and Epigenetics

Participation in Scientific Networks :

- EU EpiGeneSys Network of Excellence (2011 -)
- EU Epigenome Network of Excellence (2004 – 2010)
- GDR Epigenetique (2002-2006)
- “Breast Cancer and Epigenetics” Cancerpole IDF (2004 – present)
- Réseau ARECA, ARC “Epigenetique et Cancer” (2005-2008)

Organizer of Scientific Meetings :

- **Organizer of several national and international scientific meetings** – including (most recent) CSH meeting on Nuclear Structure and Function, 2012; EMBO Symposium of Germline, 2012.

Invitations for Seminars and Meetings:

- Over 40 invitations to give Seminars at institutes (both international and national)
- Invitations to over 80 international Meetings and Symposia as Speaker (including three CSH Symposia – Epigenetics, RNA, and Nuclear Organisation);
- Chairperson at >20 international meetings

Public Science Activities :

- Co-ordinator of « Science and Society » workpackage in the EpiGeneSys Network of Excellence (2011-2016)
- Live Interview on French Radio (France inter -
- Epigenetics for the public at the Curie Institute « Les Mardis de Curie » (2008)
- Participation in the Scientific Open Days « Journées Portes Ouvertes » at the Curie Institute.

Teaching Activities :

- **Scientific committee of annual international PhD courses** on Epigenetics, Non-coding Genome and Developmental Biology at the Institut Curie.
- **Annual Lecturer for several Masters 1 and 2 courses** - up to ten lectures given every year – in French or English – including at the ENS, Institut Pasteur and Institut Curie.
- **Occasional lecturer at several international courses and PhD programs** - including CGI - Univ Lausanne, Switzerland, CSH Mouse Embryology course – CSH, USA, Banbury Stem Cell Technology course – CSH, USA.
- **Member of PhD committees** for all students in our department as well as students in other Institutes.