

Curriculum Vitae

Personal information **Audrey Chansard**

Work experience

August 2017- present
Research assistant- Dr Sophie Polo Lab
CNRS UMR7216 Epigenetics and cell fate- Paris cité University- PARIS
France
Maintenance of the epigenome in response to DNA damage: High content microscopy expert

September.2013–September.2015

Research assistant -- Dr Spencer Shorte Lab
Imagopole: Dynamic imaging Platform - Pasteur Institute – PARIS
France
Labex Milieu Intérieur project - Dr Matthew Albert & Dr Lluís Quintana Murci
Fibroblasts subproject- Under the supervision of Dr Brigitte David Watine.
Phenotypic and functional characterization of a collection of human primary fibroblasts from healthy donors. Study of the innate immune response variability by High content Imaging and flow cytometry.

July.2013–September.2013

Tecnician position in Brian Luke Lab
ZMBH: Center for molecular biology of Heidelberg University - HEIDELBERG
Germany
Team Telomeres and non coding RNA
The yeast Mph1 helicase alters telomere structure by disrupting the protective fold-back structure and is negatively regulated by Smc5/6.

October.2012–June.2013

Master 2 internship in Manolis Papamichos-Chronakis Lab
Curie Institute – PARIS
France
Team Chromatin and genome integrity
Comparative functional analysis of the role of ATP-dependent chromatin remodeling complexes in DNA damage repair (yeasts).

April.2012–September.2012

Master 1 internship in Hannah Klein Lab
NYU Langone medical center - NEW YORK CITY
USA
Team Genome instability and DNA damage checkpoints
New roles for RNaseH2 and DNA helicase Srs2 in maintenance of genomic stability (yeasts).

April.2011–August.2011

Master 1 internship in Aminata Touré Lab
Cochin Institute INSERM U1016 CNRS UMR 8104- PARIS
France
Team Genomics, Epigenetics and physiopathology of reproduction
Sequencing of SEPT4 mutant in patients ; Immunofluorescence assays of SAC, CFTR and SEPT4 proteins in mice/humans spermatozooids and COS cells.
Characterisation of LRRC6 protein in spermatozooids.

May.2010–September.2010

Bachelor internship in Teresa Pereira Lab
Karolinska Institute – STOCKHOLM
Sweden
Team Regulation of HIF-1 alpha function
Transfection / luciferase / WB experiments to study the regulation of HIF-1α function in human cells (HeLa/ HEK-293).

Education and training

2013-2015

Master Microbiology and Bioengineering
Paris Diderot University – PARIS-
France

2010-2013

European Master of Genetics
Paris Diderot University – PARIS-
France

2007-2010

Bachelor of Science – Major in
Genetics
Paris Diderot University - PARIS
France

Additional information

Publications

Frontiers Immunology- Molecular Innate Immunity (2021)

Unveiling inter individual variability of human fibroblast innate immune response using robust cell-based protocols.
Audrey Chansard*, Nelly Dubrulle*, Mathilde Poujol de Molliens*, Pierre Falanga, Tharshana Stephen, Milena Hasan,

Nathalie Aulner, Ger
van Zandbergen, Spencer Shorte and Brigitte David-Watine, for the Milieu Intérieur Consortium
*:equal contribution

• **Journal of Cystic Fibrosis (2021)**

Il faut continuer a poser des questions" Patient Reported Outcome Measures in Cystic Fibrosis: An Anthropological Perspective.
Rosa Coucke, Audrey Chansard, Véronique Bontemps, Dominique Grenet, Dominique Hubert, Clémence Martin, Elise Lammertyn,
Emmanuelle Bardin, Veerle Bulteel, Frederique Chedeveigne, Muriel Le Bourgeois, Pierre-Regis Burgel, Isabelle Honore, Hilde de Keyser,
Maya Kirzenbaum, Paola de Carli, Isabelle Sermet-Gaudelus, and Kate Hayes And on behalf of the European Cystic Fibrosis Society-
Clinical Trials Network Patient Advisory Group

• **Nature Communications (2021)**

Imaging the response to DNA damage in heterochromatin domains reveals core principles of heterochromatin maintenance.
Anna Fortuny, Audrey Chansard, Pierre Caron, Odile Chevallier, Olivier Leroy, Olivier Renaud, Sophie E. Polo

• **Frontiers in cell and developmental biology (2022)**

Imaging the response to DNA Damage in heterochromatin domains.
Audrey Chansard†, Enrico Pobega†, Pierre Caron and Sophie E. Polo

. Ophanet Journal of rare diseases (2022) Collaborative research protocol to define patient-reported experience measures of the cystic fibrosis care pathway in France: the ExPaParM study

D. Pougheon Bertrand^{1*}, A. Fanchini¹, P. Lombrail¹, G. Rault¹, A. Chansard⁷, N. Le Breton⁷,
C. Frenod⁷, F. Milon⁷,

C. Heymes-Royer⁷, D. Segretain⁷, M. Silber⁷, S. Therouannes⁶, J. Haesebaert³, C. Llerena²,
P. Michel^{3,4} and
Q. Reynaud^{3,5}

. Ophanet Journal of rare diseases (2023)

A conceptual framework to develop a patient-reported experience questionnaire on the cystic fibrosis journey in France: the ExPaParM collaborative study

D. Pougheon Bertrand^{1*}, A. Fanchini¹, P. Lombrail¹, G. Rault¹, A. Chansard⁶, N. Le Breton⁶, C.
Frenod⁶,

F. Milon⁶, C. Heymes Royer⁶, D. Segretain⁶, M. Silber⁶, S. Therouannes⁶, J. Haesebaert³, C.
Llerena², P. Michel³ and
Q. Reynaud^{3,4}

• **Journal of cystic fibrosis (2023)**

Standards for the care of people with cystic fibrosis; establishing and
maintaining health

Kevin Southern ^{a,*}, Charlotte Addy ^b, Scott Bell ^c, Amanda Bevan ^d, Urzula Borawska ^e, Catherine
Brown ^f, Pierre-Régis Burgel ^g, Brenda Button ^h, Carlo Castellani ⁱ, Audrey Chansard ^j, Mark Chilvers
^k, Gwyneth Davies ^l, Jane Davies ^m, Kris De Boeck ⁿ, Dimitri Declercq ^o, Michael Doumit ^p, Pavel
Drevinek ^q, Isabelle Fajac ^r, Silvia Gartner ^s, Anna Georgiopoulos ^t, Sandra Gursli ^u, Andrea
Gramegna ^v, Carina ME Hansen ^w, Martin Hug ^x, Elise Lammertyn ^y, Edwina (Eddie) C. Landau ^z,
Ross Langley ^{aa}, Nicole Mayer-Hamblett ^{bb}, Anna Middleton ^{cc}, Peter Middleton ^{dd}, Monika Mielus ^{ee},
Lisa Morrison ^{ff}, Anne Munck ^{gg}, Barry Plant ^{hh}, Maarten Ploeger ⁱⁱ, Dominique Pougheon Bertrand ^{jj},
Tadjana Pressler ^{kk}, Bradley S. Quon ^{ll}, Thomas Radtke ^{mm}, Zoe L Saynor ⁿⁿ, Ilan Shufer ^{oo}, Alan R
Smyth ^{pp}, Chris Smith ^{qq}, Silke van Koningsbruggen-Rietschel ^{rr}

Projects

Memberships

Other Relevant Information

I am a patient representative

I am a member of the board of Cystic Fibrosis Europe since 2020.

I am a member of the board of the French Patient organization for Cystic Fibrosis " Vaincre la mucoviscidose" since 2023.