

FLORENT HUBÉ  
50 years old  
French Citizen  
+33 (0)6 83 08 58 49  
florent.hube@cnrs.fr

Address:  
UMR8263 Dev2A/IBPS  
9 quai Saint-Bernard  
Bâtiment Cassan B3 - Case 24  
75005 Paris - France

### **Researcher, CRHC CNRS, HDR Paris 7**

« Section 23 - Organisation, expression, évolution des génomes »

Team: Transgenerational Epigenetics & small RNA Biology

Team leaders: Drs. Clément Carré & Laure Teysset

Keywords: *non-coding RNA; genomic; epitranscriptomic; RNA modification; pseudouridylation; transcriptional regulation; epigenetic; splicing; intron; snoRNA; miRNA; LincRNA*

### **Professional Experience**

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Since 10/2023	<b>Researcher, CRHC CNRS</b> UMR8263 – Laboratory of Biological Development, Sorbonne University, France - Headed by Prof. Dominique Weill <i>non-coding RNA modification involved in cellular differentiation</i>
2013-2023	<b>Researcher, CRCN CNRS</b> UMR7216 - Epigenetics and Cell Fate, University of Paris Cité, France - Headed by Prof. Valérie Mezger <i>non-coding RNA involved in cellular differentiation</i>
2012 - 2013	<b>CEO / Self-employed at BioXpert</b> Company of services, consulting and bioinformatics analysis
2007 - 2012	<b>Postdoctoral fellow</b> UMR7216 - Epigenetics and Cell Fate, University of Paris 7, France - Headed by Profs. Jonathan Weitzman and Valérie Mezger <i>non-coding RNA involved in cellular differentiation</i>
2006 - 2007	<b>Postdoctoral fellow</b> Dept of Hematology, Cochin Institute, INSERM U567, France - Headed by Dr. Paul-Henri Roméo and Dr. Axel Kahn <i>Characterization of the NF-<math>\kappa</math>B alternative pathway</i>
2003 - 2006	<b>Postdoctoral fellow</b> Dept of Pathology and Dept of Biochemistry and Medical Genetics, University of Manitoba, Canada - Headed by Prof. Bill Orr <i>The breast-specific SBEM gene promoter to target breast cancer in gene therapy</i>
1999 - 2003	<b>Ph.D</b> EA 3249 “Hematopoietic cells, Hemostasis and Graft”, University of Tours, France - Headed by Prof. Philippe Colombat <i>Transcriptional regulation of TFPI-2 in normal and tumoral trophoblast cells</i>

### **Courses**

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Since 2019	M2 RNA in normal metabolism and pathologies (2h), U. of Lorraine
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### **Fellowships and honors**

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2022-2026	<b>Research Grant AFM-Telethon, France (#24224) - 136 k€</b>
2021	<b>Transition PostDoc - Labex “Who am I?”, France (ANR-11-LABX-0071)</b>
2020-2021	<b>PhD Award 4<sup>th</sup> year AFM-Telethon, France (#23382) for Baptiste Bogard</b>

2019-2022	<b>Research Grant</b> AFM-Telethon, France (#22341) - <b>90 k€</b>
2017-2020	<b>PhD Award</b> AFM-Telethon, France – (#21363) for Baptiste Bogard
2017	<b>Research Grant</b> AFM-Telethon, France – (#20534) - <b>19 k€</b>
2012	Fellowship from ‘Agence Nationale pour la Recherche’ N° ANR-06-MRAR-040-01
2010-2011	<b>Fellowship</b> from ‘Le Cancer du Sein: Parlons-en!’ - 100 k€
2008-2010	<b>Fellowship</b> from AFM-Telethon, France – (N° #14253 & #13255)
2008	‘Ruban Rose’ <b>Award</b> from ‘Le Cancer du Sein: Parlons-en!’ - <b>25 k€</b>
2007-2008	<b>Fellowship</b> from ‘Fondation pour la Recherche Médicale’, France
2006-2007	<b>Fellowship</b> from ‘La Ligue contre le cancer’, France
2004-2006	<b>Fellowship</b> from the MHRC (Manitoba Health Research Council), Canada
2004 & 2005	<b>Mentorship Award</b> from Aventis Biotech Challenge, Manitoba, Canada
2004	Rick Hester <b>Award</b> , Manitoba Institute of Cell Biology, Elkhorn, Canada
2003	<b>Fellowship</b> from ‘La Ligue contre le cancer’, France
1999-2003	<b>Fellowship</b> from the French ministry of Research, France

### **Editorial activities**

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2024	Scientific Committee Member of the “Non-coding RNA World 2024: Exploring Mechanisms, Designing Medicines (ncRNA2024)”, Basel, Switzerland, from October 7th to 9th, 2024
2024	Guest editor for a Special Issue for Frontiers in Bioengineering and Biotechnology for a Research Topic “Recent Advancements in RNA Technologies, Diagnostics, and Therapeutics”
Since 2018	Editor for J-Multidisciplinary Scientific Journal (MDPI)
Since 2014	Editor for non-coding RNA (MDPI)
Since 2011	Editor for Frontiers in Genetics, section RNA
2011-2023	Editor for Frontiers in Molecular Biosciences, section RNA

### **Research Management**

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Since 2024	Member of the disability section of the of the sncs union
Since 2024	Member of the « Société Française de Biologie du Développement » (French Society of Developmental Biology ; SFBD)
Since 2024	Member of the « Société Française de Génétique » (French Society of Genetics ; SFG)
Since 2024	Member of the « Société Française de Biochimie et Biologie Moléculaire » (French Society of Biochemistry and Molecular Biology ; SFBBM)

### **43 publications**

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	All
Citations	1905
H index	20