

# CURRICULUM VITAE

**FÜRTHAUER Maximilian, PhD, HDR, DR2 CNRS**

*Born* 6 February 1971

*Nationality* : Austrian

## **Research group leader**

Institut de Biologie Valrose

CNRS UMR7277 - INSERM1091 - University of Nice Sophia Antipolis

Team 'Membrane trafficking & cell signalling in animal development'

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## **Distinctions & Awards**

2019	<b>Bettencourt Young Researchers Prize to Thomas Juan for his PhD work.</b>
2018	<b>PhD award for the best thesis of the Doctoral school 85 to Thomas Juan</b> "Identification of novel genes establishing zebrafish Left-Right asymmetry"
2012-2019	<b>Labex Signallife (Partner)</b>
2011	<b>HFSP Career Development Award</b>
2010	<b>CNRS ATIP/Avenir Junior Group Leader Program</b>
2005	<b>HFSP long term postdoctoral fellowship</b>
2004	<b>EMBO Postdoctoral fellowship</b>

## **Research experience**

2015	<b>'Habilitation à Diriger les Recherches' (HDR).</b> Université Nice Sophia Antipolis
2010	<b>ATIP/Avenir research group leader,</b> iBV Nice
2004-2010	<b>Postdoctoral research fellow,</b> lab of Prof. Marcos Gonzalez-Gaitan University of Geneva Sciences II (Geneva/SUI, 2007-2010) Max Planck Institute of Cell Biology and Genetics (Dresden/GER, 2004-2010) Research: Endocytic trafficking and Delta/Notch signaling in asymmetric cell division
2001-2004	<b>CNRS CR2 Research fellow,</b> lab of Bernard & Christine Thisse, IGBMC (Illkirch/FRA) Research: Identification of novel feed-back regulators of zebrafish FGF signaling
1996-2000	<b>PhD,</b> lab of Bernard & Christine Thisse, IGBMC (Illkirch/FRA) Research: Dorso-ventral patterning of the zebrafish embryo Awarded with honours degree ("Mention Très Honorable, Félicitations du Jury »)
July 1999	<b>EMBO practical course.</b> University of Sheffield, UK (Organizer P.Ingham)

## **Scientific responsibilities**

- **Scientific expert ARC Commission Nationale 3, Cell biology** (since 2019)
- **IDEX UCA JEDI Academy 4 "Complexity of living systems",** scientific council member (since 2020)
- **Scientific coordinator of the iBV Prism imaging platform** (since 2011)
- **Responsible of the iBV zebrafish facility** (since 2010)
- **Member of the iBV animal welfare committee** (since 2013)
- **Member of the regional ethics committee on animal experimentation** (since 2012)

- **Session organizer & chair**, Cilia Summer School of the GDR Cils (Sète, France, 2018)
- **Meeting organizer**, 10<sup>th</sup> Meeting on Cilia, Flagella & Centrosomes (Nice, 2017)
- **Scientific program committee**, European Zebrafish PI meeting (2014)
- **Jury member for the recruitment of CNRS research technicians** (2014,2015)
- **Jury member for the recruitment of University lecturers** (Universités Aix Marseille & Lyon)
- **HDR jury member** (Université Paris Descartes, Université Paul Sabatier Toulouse)
- **PhD jury member** (Nice, Lyon, Paris VI, Grenoble, Toulouse, ENS Paris, Université de Toulouse)
- **Ad hoc referee for Funding agencies** (ANR (F), ERC, Austrian FWF (Austria), Wellcome Trust (UK), BBSRC (UK), Institut Curie (F), Fox Chase Cancer Centre (US)).
- **Ad hoc referee for journals** (Science, Dev.Cell, Development, Curr.Biol., JCB, HMG...).

### **Publications:**

- 29 in Nature (2), Nature Cell Biology (2), Nature Communications (1), Science Signaling (1), eLife (1), Current Biology (1), Development (5).
- **Guest editor** of a series of reviews on the functions of the ESCRT complex (Seminars in Cell & Developmental Biology, 2018).
- **Invited reviews** in Traffic, Seminars in Cell and Developmental Biology, Molecular Oncology, Cell Cycle, Biologie Aujourd'hui.
- **Guest Editor** of a series of reviews on the role of endocytic trafficking in embryonic development (Traffic, 2009).
- **Communication to the general public** (Contributions (written, spoken) to lay public and specialized media: Radio Suisse Romande, Biologie Aujourd'hui, Fête de la Science).
- **Invited talks (conferences & seminars):** 29