

## **FRANCESCO FERRARI - Curriculum Vitae**

### **EDUCATION**

---

**February 2008 – University of Modena and Reggio Emilia, Italy**  
Doctoral degree in Biotechnology and Molecular Medicine.

**September 2004 – University of Modena and Reggio Emilia, Italy**  
Laurea degree, in Medical Biotechnologies - graduation mark 110/110 Lode (summa cum laude).  
(Italian laurea ante DM 509/99, i.e. before Bologna process for a unified European framework of higher education, equivalent to MS degree after Bologna process).

### **RESEARCH POSITIONS**

---

**November 2019 - present – IGM-CNR, Institute of Molecular Genetics "Luigi Luca Cavalli-Sforza", Pavia, Italy**  
**"Primo ricercatore" (senior researcher) - National Research Council (CNR)**

**January 2015 - present – IFOM, the FIRC Institute of Molecular Oncology, Milan, Italy**  
**Group leader, Computational Genomics Laboratory.**

**May 2010 - November 2014 – Harvard Medical School, Boston MA, USA**  
**Postdoctoral research associate at the Center for Biomedical Informatics. Supervisor:** prof. Peter J. Park.

**January 2008-April 2010 – University of Padova, Italy**  
**Postdoctoral research fellow. Supervisors:** prof. Stefania Bortoluzzi and Silvio Bicciato.

**2005-2007 – University of Modena and Reggio Emilia, Italy**  
**Graduate student in the Biotechnology and Molecular Medicine program. Supervisor:** prof. Sergio Ferrari

### **OTHER RESEARCH EXPERIENCES**

**September-October 2009 – Leiden University Medical Center, Leiden, The Netherlands**  
Visiting postdoctoral fellow – HPC Europa transnational access grant.

**November-December 2007 – Weizmann Institute of Science, Rehovot, Israel**  
Visiting graduate student – Sergio Lombroso program for cancer research fellowship.

### **RESEARCH GRANTS**

---

**FRRB - Fondazione Regionale per la Ricerca Biomedica "Collaborative projects 2018" grant (2020 - 2022)**  
Project title: "A prospective clinical study integrating multiomics and advance coronary imaging for risk stratification in coronary atherosclerosis. INTESTRAT-CAD (INTEgrated STRAtification Tools in Coronary Artery Disease)"  
Role in the project: Partner PI (one of the 5 partner PIs in the grant).

**Cariplo Foundation "Research on ageing diseases 2017" grant (04/01/2018 - 03/31/2021)**  
Project title: "Dissecting the role of heterochromatic conformation in age-related sarcopenia and frailty"  
Role in the project: Partner PI (one of the 4 partner PIs in the grant).

**Vodafone Foundation Dreamlab project (2018 - 2019)**  
Project title: "Using genome 3D architecture to develop personalized medicine approaches"  
Role in the project: PI

**Italian Ministry of Health - "Finalized research 2016" grant (03/15/2019 - 03/14/2022)**  
Project title: "Molecular mechanisms of alloreactive memory T cell anti-tumor responses in human allogeneic transplantation: implications for adoptive T cell transfer"  
Role in the project: Partner PI (one of the 2 partner PIs in the grant).

**Research grant by the French Muscular Dystrophy Association (AFM-Téléthon) (03/28/2017 - 03/27/2019).**  
Project title: " Deciphering the role of the heterochromatin conformation in Emery Dreifuss Muscular Dystrophy (EDMD)."  
Role in the project: Team leader (one of the 4 partner PIs in the grant).

**AIRC Start-Up grant 2015 (grant #16841) by Italian Association for Cancer Research (01/01/2016 - 12/31/2021).**  
Project title: "Identification of enhancers regulating lung cancer genes: an integrated epigenomic and computational approach."  
Five years grant for the establishment of a research team as a young independent PI at IFOM, Milan, Italy.