

# curriculum vitae

## Personal Information

Name	Schirone Leonardo
Position	Post-Doc Fellow (2018-present) at "Sapienza – University of Rome" – C.so della Repubblica, 79 – Latina (Italy)
E-mail	<a href="mailto:Leonardo.schirone@uniroma1.it">Leonardo.schirone@uniroma1.it</a>
Nationality	Italian
Birth Date	10 November 1991

## Education

PhD (2015-2018)	<b>PhD in Molecular Medicine</b> – Faculty of Medicine and Pharmacy "Sapienza – University of Rome" (Italy) <b>Graduation Mark:</b> Excellent, with honors <b>Thesis:</b> "The role of the Hippo pathway in the pathogenesis of doxorubicin-induced cardiomyopathy"
Master Degree (2014-2015)	<b>Master Degree in Medical Biotechnologies</b> – Faculty of Medicine and Pharmacy "Sapienza – University of Rome" (Italy) <b>Graduation Mark:</b> 110/110, with honors <b>Thesis:</b> "Characterization of STAT3 activity in denervation-induced muscular atrophy"
Bachelor Degree (2011-2013)	<b>Bachelor in Biotechnologies</b> – Interfaculty course - "Sapienza – University of Rome" (Italy) <b>Graduation Mark:</b> 110/110, with honors <b>Thesis:</b> "The role of substrate stiffness in the process of differentiation of hepatic stem cells"

## Research experience

Molecular Cardiology (2015-Today)	8 years – Molecular characterization of cardiovascular diseases
Molecular biology (2014)	1 year – Molecular characterization of muscular atrophy and Duchenne muscular dystrophy
DNA sequencing (2012)	6 months – Prenatal diagnosis of cystic fibrosis by integral exon modified Sanger's sequencing of CFTR (Cystic Fibrosis Transmembrane conductance Regulator) at "Policlinico Umberto I" hospital (Rome – Italy)
lncRNA (2013)	3 months – lncRNAs involvement in the formation of cancer stem cells – Position of Visitor Researcher – Cancer Research Centre – Imperial College – London (Nat Commun. 2018 May 10;9(1):1845)
Technical skills and competence	Experienced researcher in all the main techniques in <b>molecular and cell biology</b> ; proficient in designing, managing and perform <b>animal studies</b> in CVD models; advanced <b>bioinformatics</b> skills (Deep Learning)

## International Congresses

- ESC Congress (Munich, GER - 2018) – **Poster**
- NanoInnovation (Rome, ITA – 2022) – **Invited Speaker**
- AHA Scientific Sessions (Chicago, USA – 2022) – **Oral presentation**
- SIC Congress – **Oral presentation and "Special Abstract" Oral Presentation**

## Awards

- (2014) "De Maggi" scholarship
- (2022) International Travel Grant (American Heart Association)
- (2022) Best abstract (Italian Society of Cardiology)

## Fundings

- (2017-2018) Avvio alla Ricerca – **Principal Investigator** - "The role of Hippo pathway in doxorubicin induced cardiomyopathy"
- (2019-2022) PRIN 2017 – **Research collaborator** (PI: Davide Capodanno)  
"Impact of autophagy activation on cardiac remodeling and vascular damage: a translational study" (Total funding: 611.944 €)
- (2020-2023) Ricerca Scientifica – Categoria Grandi – **Research collaborator** (PI: Sebastiano Sciarretta)
- "New insights into the molecular mechanisms underlying doxorubicin-induced cardiomyopathy: the role of MST1" (Funding: 45.000€)
- (2023-2025) NextGenerationEU (PNRR: M6/C2\_CALL 2022) – **Under40 Hired Research Collaborator** (PI: Sebastiano Sciarretta)  
"New molecular targets for the prevention of anthracycline-induced cardiotoxicity: a translational study" (Total funding: 763.659 €)

## Bibliometric Indexes

- Total number of publications (SCOPUS): 29
- Total number of citations (SCOPUS): 729
- H-Index (SCOPUS): 10

### Editorial activity

- **Lead guest editor:** Oxidative Medicine and Cellular Longevity (IF: 6,5)
- **Editorial Board Membership:** Frontiers in Cardiovascular Medicine (IF:5.9)
- **Reviewer:** Autophagy (IF: 16), Oxidative Medicine and Cellular Longevity (IF: 6,5), International Journal of Cardiology (IF: 4,2), Biomed Research International (IF: 3,4), Journal of Cardiovascular Development and Disease (IF: 4,4), Journal of Translational Medicine (IF: 8,4)
- **Books:** wrote "Chapter 4 – Hypertension" in "Cardiovascular Diseases" (G. Biondi Zoccai)

### Memberships

- (2022-present) American Heart Association – Council on Basic cardiovascular science (BCVS) - **Member**
- (2022-present) Società Italiana di Cardiologia (ENG: "Italian Society of Cardiology") – **Socio Ordinario**
- (2019-2022) Leducq Transatlantic Network of Excellence – "Modulating autophagy to treat CV disease" – **Early Career Investigator**

DATA  
23/02/23

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