

# Curriculum vitae Stefano Sala

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## **Personal information**

**Name:** Sala Stefano  
**Nationality:** Belgian  
**E-mail:** ssala@luc.edu  
**Languages:** Dutch (native tongue), English (fluent), Italian (fluent), French (fluent)

## **Education**

**2007-2010 Bachelor's in Biomedical Sciences**  
University of Ghent  
(graduated with great distinction)  
**2010-2012 Master's in Biomedical Sciences**  
University of Ghent  
(graduated with greatest distinction)  
**2012-2017 Doctor in Health Sciences**  
University of Ghent

**Doctoral training programme Ghent University certificate**

**Felasa C certificate**

## **Honors and Awards**

**Joël Vandekerckhove award for the best master thesis in biomedical sciences 2011-2012**  
(The collaboration of the domains of Testin in actin-mediated cell migration)

**Young investigator presentation prize** at the 2015 ECF meeting in Postojna, Slovenia

**Best poster prize** at the 2016 BSCDB cell adhesion and communication meeting in Ghent, Belgium

**Finalist** of the 2018 Steadman family postdoctoral interdisciplinary research competition in Rochester, USA

## **Career and work experience**

### **October 2012-December 2017**

PhD, funded by Fonds wetenschappelijk onderzoek Vlaanderen (FWO), in the lab of Prof. Dr. Christophe Ampe at the University of Ghent, Department of Biochemistry (Structure-function study of the focal adhesion protein and tumour suppressor testin: determination of module-specific interactomes and expansion of its conformational repertoire.)

### **May 2018-July 2019**

Postdoctoral associate in the lab of Prof. Dr. Patrick Oakes at the University of Rochester NY, Department of Physics and Astronomy.

### **August 2019-present**

Postdoctoral associate in the lab of Prof. Dr. Patrick Oakes at the Loyola University Chicago IL, Department of Cell and molecular physiology.

#### Technical skills:

- Mammalian cell culture maintenance
- SILAC labelling
- Mammalian cell transfection (calcium phosphate, nucleofection), electroporation
- Cell migration/invasion/spreading/adhesion and proliferation (XTT) assays
- Western blotting, DNA gel electrophoresis
- Cloning, PCR
- Crispr/Cas mediated genome editing
- Bacterial cell culture maintenance
- Recombinant protein production and purification,
- Immunoprecipitations
- Immunostainings
- Phase contrast, fluorescence, confocal microscopy
- Image processing in ImageJ
- Basic python knowledge
- Interactome studies by mass spectrometry and pathway analysis (Ingenuity Pathway Analysis)
- Size exclusion chromatography
- Circular dichroism
- Laser ablations
- Optogenetics

Training of several master and PhD students.

## **Posters and presentations**

- Poster at the *ECF meeting* in Fribourg, Switzerland in 2013 (The tumour suppressor Testin: effects on cancer cell migration and identification of domain specific interaction partners)
- Oral presentation at the *cytoskeleton in intracellular trafficking and cell migration* course organised by the Institut Curie in Paris, France in 2015 (The tumour suppressor Testin: effects on cancer cell migration and identification of domain specific interaction partners)
- Poster and oral presentation at the *ECF meeting* in Postojna, Slovenia in 2015 (The tumour suppressor Testin: identification of domain specific interactions reveals novel interaction partners and a dimer function)
- Oral presentation at the *University of Luxembourg*, Luxembourg in 2015 (The tumour suppressor Testin: identification of domain specific interactions reveals novel interaction partners and a dimer function)
- Poster at the *ECF meeting* in Cambridge, United Kingdom in 2016 (The tumour suppressor Testin: identification of domain specific interactions and dimerization in vitro and in cells)
- Poster at the *BSCDB cell adhesion and communication meeting* in Ghent, Belgium in 2016 (The tumour suppressor Testin: identification of domain specific interactions reveals novel interaction partners and a dimer function)
- Oral presentation at the *Beatson institute* in Glasgow, Scotland in 2017 (Structure-function study of the focal adhesion protein and tumour suppressor testin: determination of module-specific interactomes and expansion of its conformational repertoire)
- Poster at the *ASCB meeting* in San Diego, USA in 2018 (Mechanosensitivity mechanisms of the LIM domain protein testin)
- Poster at the *CNY Cytoskeleton meeting* in Syracuse, USA in 2019 (Mechanosensitivity mechanisms of the LIM domain protein testin)
- Poster at the *ASCB meeting* in Washington DC, USA in 2019 (Mechanosensitivity mechanisms of the LIM domain protein testin)

## **Publications**

Sala Stefano, Van Troys Marleen, Medves Sandrine, Catillon Marie, Timmerman Evy, Staes An, Schaffner-Reckinger Elisabeth, Gevaert Kris, Ampe Christophe (2017). Expanding the interactome of TES by exploiting TES modules with different subcellular localizations. *Journal of Proteome Research*. 16(5). p.2054-2071. (Q1)

Sala Stefano, Catillon Marie, Hadzic Ermin, Schaffner-reckinger Elisabeth, Van Troys Marleen, Ampe Christophe (2017). The PET and LIM1-2 domains of testin contribute to intramolecular and homodimeric interactions. *PlosOne*. 12(5). e0177879 (Q1)

Sala Stefano, Ampe Christophe (2018). An emerging link between LIM domain proteins and nuclear receptors. *Cellular and Molecular Life Sciences*. 75(11). P.1959-1971 (Q1)