

E-mail: marina.rudan@medils.hr

Date of Birth: September 15th 1985

Citizenship: Croatia

CURRICULUM VITAE

Marina Rudan

EDUCATION

2012 - 2018 PhD student, Department of Biology, Faculty of Science, University of Zagreb, Croatia

2004 - 2009 University of Split, Center of Marine Studies, Marine biology and ecology at Institute of Oceanography and Fisheries in Split, Croatia

POSITIONS

2019 – Postdoc, Cancer signaling and therapeutics, Prof. Igor Stagljär, Mediterranean Institute for Life Sciences, Split, Croatia

Oct – Dec, 2018 visiting postdoc, Prof. Igor Stagljär laboratory, University of Toronto, Canada

2018 – Postdoc, Biology of robustness, Prof. Miroslav Radman, Mediterranean Institute for Life Sciences, Split, Croatia

2012 – 2018 PhD student, Macromolecular homeostasis in aging, Dr. Anita Krisko, Mediterranean Institute for Life Sciences, Split, Croatia

2011-2012 volunteered in the group Biology of robustness and Molecular basis of intrinsic aging and its prevention, Mediterranean Institute for Life Sciences, Split, Croatia

REFEREES

Dr. Anita Kriško, Mediterranean Institute for Life Sciences, Group leader,
anita.krisko@medils.hr

Prof. Miroslav Radman, University Paris 5, professor emeritus; Mediterranean Institute for Life Sciences, Group leader; miroslav.radman@gmail.com

Prof. Igor Stagljär, University of Toronto, Canada; Mediterranean Institute for Life Sciences, Group leader; igor.stagljär@utoronto.ca

MEETINGS AND TRAINING

10-12/2018 University of Toronto, studying protein-protein interactions using SIMPL (Split Intein Mediated Protein Ligation), supervised by Prof. Igor Stagljär and Dr. Zhong Yao

6/2016 EMBO Conference: Gene transcription in yeast, from RNA to chromatin and back, poster presentation

5/2016 MRC Clinical Sciences Centre, Imperial College London, training in RNA Fluorescent *in situ* hybridization (RNA-FISH) in Single Molecule Imaging laboratory, supervised by Prof. David Rueda

6/2015 OMICS in Biomedical Research, participation in the Conference, Mediterranean Institute for Life Sciences

8/2014 First Adriatic Symposium on Biophysical Approaches in Biomedical Studies, Mediterranean Institute for Life Sciences, Participation in the Symposium

09/2013 Pierre-and-Marie-Curie University Paris 6, training in Two-dimensional Fluorescence Difference Gel Electrophoresis (2D-DIGE)

10/2012 Ruđer Bošković Institute, Zagreb, training in 2D electrophoresis in a laboratory for systems medicine, supervised by Dr. Mario Cindrić

PUBLICATIONS

1. Musa M., Perić M., Dib P.B., Sobočanec S., Šarić A., Lovrić A., **Rudan M.**, Nikolić A., Milošević I., Vlahoviček K., Raimundo N., and Krisko A. Heat-induced longevity in budding yeast requires respiratory metabolism and glutathione recycling. **Aging** 10(9):2407-2427. (2018.)
2. **Rudan M.**, Dib P.B., Musa M., Kanunnikau M., Sobočanec S., Rueda D., Warnecke T., and Kriško A. Normal mitochondrial function in *Saccharomyces cerevisiae* has become dependent on inefficient splicing. **eLife** 7:e35330 (2018.)
3. Perić M., Lovrić A., Šarić A., Musa M., Dib P.B., **Rudan M.**, Nikolić A., Sobočanec S., Mikecin A-M., Dennerlein S., Milošević M., Vlahoviček K., Raimundo N. and Kriško A. TORC1-mediated sensing of chaperone activity alters glucose metabolism and extends lifespan. **Aging Cell**, 16(5):994-1005 (2017.)
4. Perić M., Dib P.B., Dennerlein S., Musa M., **Rudan M.**, Lovrić A., Nikolić A., Šarić A., Sobočanec S., Mačak Ž., Raimundo N. and Kriško A. Crosstalk between cellular compartments protects against proteotoxicity and extends lifespan. **Sci Rep.** 6: 28751. (2016).
5. **Rudan M.**, Schneider D., Warnecke T. and Kriško A. RNA chaperones buffer deleterious mutations in *E. coli*. **eLife** 4, e04745 (2015).

PERSONAL SKILLS AND COMPETENCES

Languages

Croatian: native speaker
English: spoken and written
Italian: basic knowledge

Interests

Primary music school Josip Hatze, piano (1994-2000)
Sport activities, classical ballet, jazz ballet
Tourism work experience (2001-2011)
Driving license, 2004.