# UBIMOTIF
Newsletter 1
Oct 2020

UBIMOTIF celebrates one year in December, a year sadly dominated by COVID-19, restrictions and lockdowns. We hope that our second year will have more room for research, outreach, and training activities!

Welcome fellows!

The most important task in our first year was to recruit 15 early-stage researchers to our research groups. It has been challenging in ways we did not expect, but we have succeeded! Some of the fellows are still in their home countries but we hope they can join their groups and start officially very soon. All fellows are joining the annual meeting online in November.
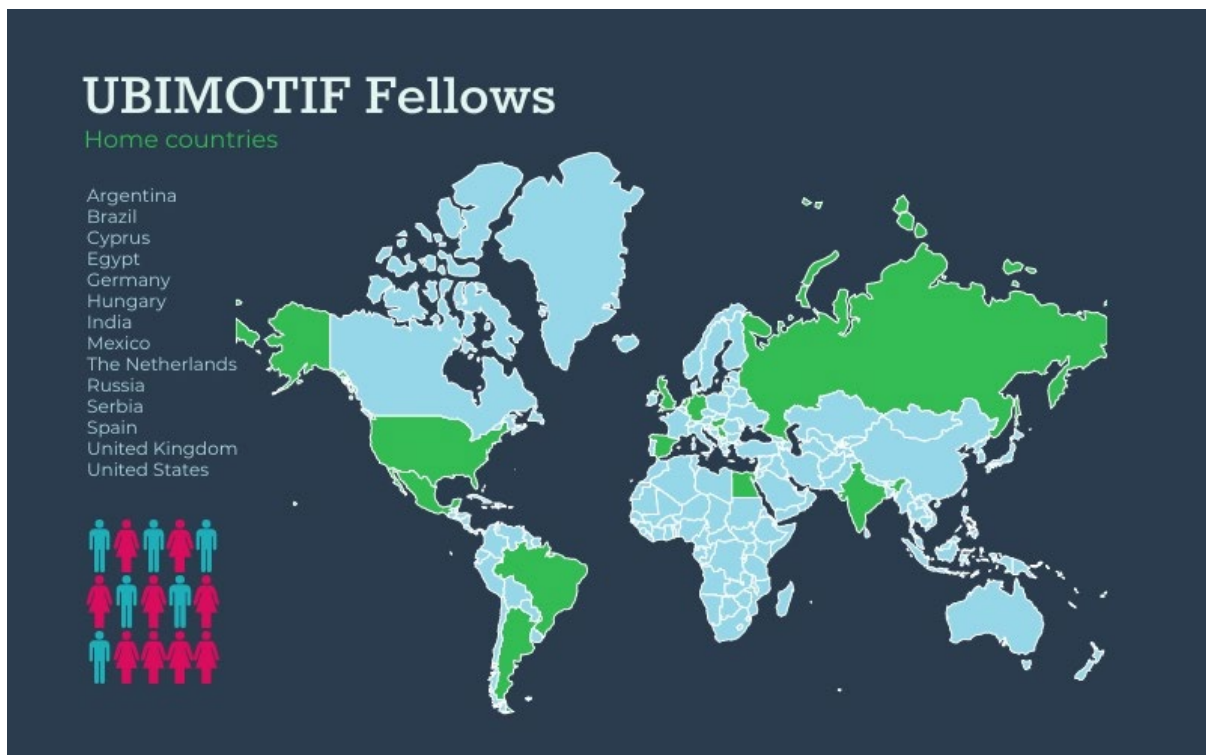
Work package 4

ESR1: Maximilian Vieler

Supervisor: Ylva Ivarsson, Uppsala University
Project: Large-scale profiling of the E3 ligase specificities and the identification of functional degrons.
Home country: Germany
Background: Master in Applied Biotechnology, Uppsala University, Sweden

ESR2: Aimiliani Konstantinou

Supervisor: Ylva Ivarsson, Uppsala University
Project: Explore the substrate recognition landscape of deubiquitinases.
Home country: Cyprus
Background: Master in Biomedical Sciences, University of Glasgow, Scotland

ESR3: Ekaterina Isaakova

Supervisor: Petra Beli, IMB Mainz
Project: Define substrate specificity principles for ubiquitin ligases and characterize the functional role of selected ubiquitin ligase-substrate relations in proteome dynamics and quality control.
Home country: Russia
Background: Master in Applied Mathematics and Physics, Moscow Institute of Physics and Technology, Russia

ESR4: Caio A B Oliveira

Supervisor: Petra Beli, IMB Mainz
Project: Investigating the function of HECT-type ubiquitin ligases in protein quality control.
Home country: Brazil
Background: Master in Evolutionary Genetics and Molecular Biology, Universidade Federal de São Carlos (UFSCar), Brazil

ESR5: Hazem Mamdouh

Supervisor: Norman Davey, Institute of Cancer Research
Project: Develop and apply in silico hybrid evolutionary-structural approaches and machine learning approaches to characterise the SLiM-mediated interactome.
Home country: Egypt
Background: Master in Communication and Information Technology - Informatics, Nile University, Egypt

Work package 5

ESR6: Julia Varga

Supervisor: Ora Schueler-Furman, The Hebrew University of Jerusalem
Project: Understanding the structural basis of recognition of SLIMs in the ubiquitin system and design of inhibitory peptides.
Home country: Hungary
Background: Master in Biochemical Engineering, Budapest University of Technology and Economics, Hungary

ESR7: Preethi Soundarya Sathyamurthi

Supervisor: Markus Queisser, GlaxoSmithKline
Project: Utilizing SLiMs for E3-ligases and DUBs for proximity recruitment to drug targets.
Home country: India
Background: Master in Biology – Molecular Biology and Genetics, University of Copenhagen, Denmark

ESR8: Alicia Alejandra Cordova Perez

Supervisor: Yogesh Kulatho, University of Dundee
Project: Discover and characterize SLiMs that function as substrate recognition motifs in DUBs.
Home country: Mexico
Background: Master in Genetic Manipulation and Molecular Cell Biology, University of Sussex, UK

ESR9: Estefania Rocha
Supervisor: Stefano Gianni, Sapienza University of Rome
Project: Protein engineering related to the short linear interaction motif in the ubiquitin system.
Home country: Argentina
Background: Master in Bioengineering, Ramón Llull University (IQS). Barcelona Spain

ESR10: Nadine Myers
Supervisor: Helena Danielson, Beactica
Project: Utilize Beactica's SPR-based platform to develop strategies to identify hits and progressable target leads against several classes of ubiquitin ligases and DUBs.
Home country: UK
Background: Master in Biology, University of Leeds, UK

Work package 6
ESR11: Marcel Diallo
Supervisor: Jakob Nilsson, University of Copenhagen
Project: Identification and characterization of short linear motifs that regulates ubiquitin ligases and DUBs implicated in regulating cell division.
Home country: USA
Background: Master in Science in Medical Sciences, University of Tokyo, Japan.
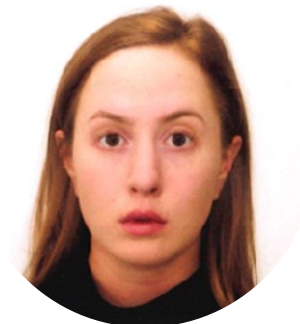
ESR12: Sophia Park
Supervisor: Matthias Peter, ETH Zürich
Project: Identify novel ubiquitin substrates that regulate cell cycle progression using mass-spectrometry-based methods.
Home country: USA
Background: Master in Biochemistry, Scripps Research Institute in Jupiter, Florida, USA

Niels Fritsma ESR13: Niels Fritsma

Supervisor: Mart Loog, University of Tartu
Project: Investigate the roles of E3 ligases and the involvement of SLiMs during mitosis.
Home country: The Netherlands
Background: in Biomedical Sciences, University of Groningen, the Netherlands

ESR14: Javier Arroyo Gomez

Supervisor: Niels Mailand, University of Copenhagen
Project: Characterization of K29-linked ubiquitin chains and short linear motifs in ubiquitin signaling.
Home country: Spain
Background: in Molecular Techniques in Life Science, Karolinska Institutet, KTH Royal Institute and Stockholm University, Sweden

ESR15: Andrea Coti

Supervisor: Anton Khmelinskii, IMB Mainz
Project: Use experimental and computational approaches to investigate how proteins are targeted for degradation through N-terminal degradation signals.
Home country: Serbia
Background: in Behaviour, Evolution and Conservation, University of Lausanne, Switzerland

Upcoming events

Fellows Ice breaker meetings – 27 October and 4 November (online)
Informal meeting for fellows

Annual Meeting 2020 - 16 November (online)
Meeting for all UBIMTOIF members

Workshops for fellows – 17 & 18 November (online)
- Data management and FAIR data workshop
- Journal Club start up
- Communication and Twitter workshop

Project Check – 27 & 28 January 2021 (half days, online)
Meeting with our project officer Shana Impens. For Beneficiaries, Partners and Fellows

Tentative meeting in Copenhagen April 2021

Remember to visit https://ubimotif.ku.dk/ for information about UBIMOTIF!

Contact: Project Manager Lotta Avesson lotta.avesson@cpr.ku.dk