



ARISE

African Research And Innovative
Initiative For Sickle Cell Education

IMPORTANT COMMUNICATION FROM THE ARISE COORDINATION TEAM

Dear All,

we kindly remind you that the **seconded checklist** has been **updated**.

It includes all the **rules to be followed to correctly organise your secondment**. You will receive the checklist from the ARISE coordination team as soon as your secondment is approved. **Please read, study and understand it before starting your secondment.**

You can also consult the checklist anytime on the **ARISE website [here](#)**.

ARISE Coordination Team

WHAT'S NEW

NEW TRAINING MATERIAL AVAILABLE: ARISE WEBINARS ON IRON OVERLOAD AND MRI

We have just added **new contents** to the **[EDUCATION & TRAINING section](#)** of the ARISE website!

Two ARISE webinars on iron overload and the use of the Magnetic Resonance Imaging (MRI) in Sickle Cell Disease were held on **13-28 September 2023** by **Professor Tim St Pierre**.

- **Webinar 1 - "Iron overload: an elusive complication in sickle cell disease and thalassaemia"** on the physiology of iron overload, how it is linked to blood transfusions, complications that can occur if left untreated and the importance of reliable measurements of iron overload to guide therapy.
- **Webinar 2 - "MRI diagnostics of iron overload using the affordable, AI-trained method FerriSmart"** on the use of AI-technology to make MRI evaluations of iron overload affordable whilst still reliable. It also dealt with the novel AI-trained method FerriSmart, how MRI diagnostics of iron overload work and how the new fully automated image analysis tool compares to the gold standard FerriScan.

For any enquiry on topics discussed during the webinars, do not hesitate to contact **us**, we will liaise you with Prof St Pierre for additional clarifications and support.

Stay tuned for further updates on other **upcoming educational initiatives!**

Teaching material and video recordings

64

Completed secondments

12

Ongoing secondments

FARIDA IBRAHIM'S SECONDMENT EXPERIENCE



Farida Ibrahim shared her secondment experience at **The Cyprus Institute of Neurology and Genetics**.

"Joining the ARISE project as a researcher was one of my greatest career opportunities which has equipped me with the necessary knowledge and skills in providing a standard and a reliable result. I was seconded to the Cyprus Institute of Neurology and Genetics. On work package 5 from May to June 2023. My key focus was on molecular diagnosis of haemoglobinopathies. I observed different procedure for the detection of thalassemia, I have completed various online trainings such as the Sickle cell and Thalassaemia modules."

[Read more](#)

ADRIANO SIATEMBO'S SECONDMENT EXPERIENCE



Adriano Siatembo shared his experience at **Instituto Politécnico de Lisboa - IPL in Portugal**.

"I am Adriano Siatembo, a laboratory technician and I have been working with samples from patients with sickle cell disease. I participated in the isoelectric focusing training. It was very pertinent and will be very useful for the next studies because with the isoelectric focusing technique we will be able to process a larger amount of samples in the next screenings and obtain excellent results."

[Read more](#)



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