



AFRIKA KOMMT! 2025-2027

An Initiative of German Industry for Future Leaders from Africa

Overall remarks: AK is a fellowship position i.e. Alongside making meaningful contributions, the primary focus is on your professional development and learning.

Profile Name: Scientist – mRNA Process and Delivery

Company: ID: AK14_Merck_04	Name of Company / Business sector	
Education:	Master of Science preferred (Pharmacy, Biotechnology, Molecular Biology or related fields).	
Professional Experience:	<ul style="list-style-type: none"> Training in basic molecular biology methods for RNA analytics and their troubleshooting Previous experience in working with mRNA and formulation techniques Basic cell culture methods and working with mammalian cell lines, including routine cell passaging and transfection and read outs, including their evaluations. 	
Maximum years' experience needed:	Graduate / work experience 1-4y	Other (explain the reason and specify)
	<input checked="" type="checkbox"/>	
Additional Qualifications:	Experience in: <ul style="list-style-type: none"> Experience in mRNA manufacturing processes is beneficial. Experience in formulation development and analytics is beneficial. Knowledge in data analytics is beneficial. Experience in cell culture is required. 	
Country Focus:	<ul style="list-style-type: none"> All nationalities, but preferred nationalities include Rwanda 	
Division / Location / Department:	Department: Innovation – mRNA and LNP within Merck Life Science Service. Based in Darmstadt.	
Planned Tasks & Activities:	<ul style="list-style-type: none"> mRNA and LNP formulations and their analytics, including physico-chemical parameters like size, PDI, charge etc. Cell culture methods, including but not limited to, transfections, luminiscence measurements, flow cytometry, microscopy and other lab analytical methods Drafting of experimental plans, analysis and interpretation of analytical results Presentation of the results to a broad scientific audience (internal) 	
Remarks:	The candidate can choose to rotate between the different teams in the department for 2 months to gain further exposure and experience.	