

# Abstract Information

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|---------------------------------|---|
| <b>First Name :</b>             | Royhaan   |
| <b>Last Name :</b>              | Folarin   |
| <b>Email :</b>                  | royhaan.folarin@oouagoiwoye.edu.ng  |
| <b>Address :</b>                | Department of Anatomy, Olabisi Onabanjo University, Nigeria                               |
| <b>Participation :</b>          | symposium   |
| <b>Title of the Symposium :</b> | Advancing Neuroscience Education in Africa through Capacity Building                      |
| <b>Category :</b>               | Academic/Researcher   |
| <b>Thematic Area :</b>          | History, Education, and Teaching  |
| <b>Title :</b>                  | SciComNigeria: Advancing Scientific Literacy and Empowering Future Generations in Nigeria |
| <b>Co-Authors :</b>             | Mahmoud Bukar Maina, Sussex Neuroscience, University of Sussex, uk                        |

**Abstract :** Science communication plays a pivotal role in bridging the gap between scientific research and society, fostering public understanding and engagement. SciComNigeria, established in 2018, stands as a beacon in Nigeria's science communication landscape, championing innovative approaches to empower researchers and inspire the public. The organization has implemented several impactful initiatives, including the National Life Sciences Competitions (NLSC), which have, over three consecutive editions, awarded cash prizes, delivered inspiring lectures by erudite international faculty, and established mentorship opportunities for winners across secondary schools and universities. These programs have profoundly impacted participants, many of whom continue to excel in life sciences, STEMM, and research. Their ongoing engagement with SciComNigeria as they progress in their studies highlights the program's enduring influence.

During the COVID-19 pandemic, SciComNigeria actively dispelled myths and misconceptions about the virus's pathogenesis and therapeutic interventions by publishing scientifically accurate articles through its website. The organization also organized periodic webinars on topics central to advancing biomedical research in low-resource settings. Notably, collaborations with international bodies enriched these webinars, addressing essential topics such as realistic resumes which uncovered the paths of accomplished scientists.

Building on its successes, SciComNigeria's competitions have evolved to include innovative trends such as translating scientific content into local Nigerian languages to enhance accessibility and creating video-based content to illustrate these translations. This shifts focus from essays to rewarding creative engagement, reflecting the changing dynamics of learning in

a technology-driven world.

Since its inception, SciComNigeria has continually refined its mission to address the evolving needs of society. By fostering collaborations, spearheading impactful programs, and adapting to emerging trends, the organization remains at the forefront of science communication in Nigeria. These efforts empower researchers and engage the public, driving scientific literacy and inspiring future generations to contribute meaningfully to local and global challenges.