Author's Reply to Embi: "Oxidative Stress in Alopecia Areata: A Case-Control Study"

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Dear Editor

I read with interest the Letter to the Editor [1] and research work [2] of Dr. Abraham Embi regarding oxidative stress and DNA damage. Indeed, his work has added much value with its demonstrated excellent findings, and also underscored our previous work regarding oxidative stress in alopecia areata [3]. This work opens a new era of investigation regarding internal electromagnetic forces (EMFs) and their clinical significance.

According to Dr. Embi's report [2], these internal EMFs are emitted during reactive oxygen species (ROS) reactions occurring during cellular respiration, and provide a propitious niche for cellular genetic changes that could lead to DNA damage and its consequences. This will partly demystify many dermatoses in which oxidative stress plays a role in their development.

However, with regard to our work on oxidative stress in alopecia areata [2], the question is still raised, but not yet answered—does oxidative stress play an active role in the etiopathogenesis of alopecia areata or is it a result of

inflammatory infiltrate or psychological disease burden? The answer still requires further investigation.

Compliance with Ethical Standards

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Conflicts of interest Ola Ahmed Bakry has no conflicts of interest to declare.

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