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Biological Effects of Electromagnetic Fields on Cellular Growth BEHESHTE EFTEKHARI, JAMES WILSON, SAMINA MASOOD, University of Houston Clear Lake — The interaction of organisms with environmental magnetic fields at the cellular level is well documented, yet not fully understood. We review the existing experimental results to understand the physics behind the effects of ambient magnetic fields on the growth, metabolism, and proliferation of in vitro cell cultures. Emphasis is placed on identifying the underlying physical principles responsible for alterations to cell structure and behavior.

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