

# Review of: "Introduction to Evolutionary Cancer Cell Biology (ECCB) and Ancestral Cancer Genomics"

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The article provides a comprehensive review and critique of Evolutionary Cancer Cell Biology (ECCB), an emerging field that explores the evolutionary origins of cancer.

Dr. Niculescu described how ECCB challenges conventional views on cancer development, suggesting that the cancer genome evolved before the emergence of multicellular organisms. The review highlights a recent article, the "New Synthesis," highlighting its gaps in incorporating ECCB knowledge. Key points include the evolutionary roots of cancer genes, the role of ancient gene regulatory networks, and the significance of polyploidy in malignancy. The article concludes by emphasizing the potential of evolutionary perspectives to contribute novel approaches to cancer prevention and management.

Overall, the review provides a thorough examination of ECCB, shedding light on its contributions, critiques, and potential implications for advancing our understanding and treatment of cancer.

It is an interesting review of the subject and full of important references.