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801 **ABSTRACTS • 45th Annual Meeting • American Society of Preventive Oncology, 45th Annual Meeting Presented Virtually, March 29 – April 1, 2021**

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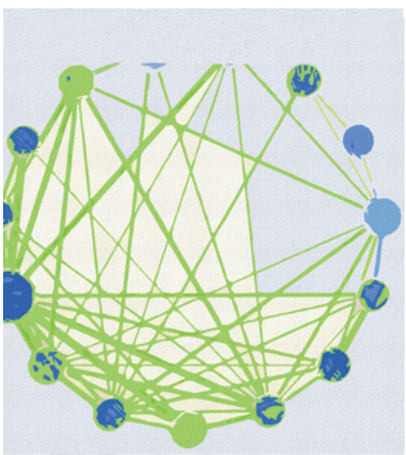
ABOUT THE COVER

The cover image is adapted from Figure 2 in the article "Gene Expression Pathways in Prostate Tissue Associated with Vigorous Physical Activity in Prostate Cancer, " by Pernar and colleagues. The figure shows an enrichment plot including the 25 KEGG gene sets significantly enriched in adjacent normal tissue at FDR <0.10 using a similarity cutoff of 0.5. Men engaged in high physical activity have lower risks of advanced and fatal prostate cancer. Mechanisms underlying this association are not well understood but may include systemic and tumor-specific effects. This study aimed to investigate the potential relationship between long-term, pre-diagnosis vigorous activity and gene expression alterations in prostate tumor and adjacent normal tissue. The findings suggest that physical activity may influence the tumor microenvironment. Future studies are needed to confirm these findings and further investigate potential mechanisms linking physical activity to lethal prostate cancer. Identification of gene expression alterations in the prostate associated with physical activity can improve understanding of prostate cancer etiology. For more information, see the article beginning on page 751.