

Special Issue

Role of Dentistry in the Precision Diagnosis and Therapy of Oral Cancer

Message from the Guest Editors

Precision medicine is a customized approach to disease prevention and treatment. It also facilitates stratification of patient populations that vary in their susceptibility to disease and response to therapy. The recognition of tobacco, alcohol, and human papillomavirus as causative agents in oral and head and neck cancer has accelerated the development of diagnostic aids and treatment strategies to mitigate cancer progression. New “omics” technologies have revealed unique tumor biomarkers that have facilitated precision diagnosis and customized therapy. Recent advances in tumor immunology have stimulated renewed interest in the development of precision immunotherapy of oral and head and neck cancer. The future success of early diagnosis and tailored medical treatment for cancer patients will depend on discovering new druggable targets with improved therapeutic efficacy. As precision medicine becomes integrated into dental practice, and chair-side technologies are developed to facilitate early detection and risk assessment, patients’ long-term health outcomes with oral cancer will improve dramatically.

Guest Editors

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About the Journal

Message from the Editor-in-Chief

Journal of Personalized Medicine (JPM), ISSN 2075-4426) is an international, open access journal aimed at bringing all aspects of personalized medicine to one platform. *JPM* publishes cutting edge, innovative preclinical and translational scientific research and technologies related to personalized medicine (e.g., precision medicine, pharmacogenomics/proteomics, systems biology, 'omics association analysis). *JPM* is covered in Scopus, the Science Citation Index Expanded (SCIE), PubMed, PMC, Embase, and other databases.

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