

## Editorial

It has been 25 years since the first issue of the Chinese Journal of Dental Research was published in 1998. Over the past decades, the journal has developed continuously under the great support and cooperation from the authors, reviewers, editors and readers. We have also received long-term, kind support from Quintessence Publishing. We thank all our excellent collaborators and colleagues for their great contributions to the development of the journal.

On 23 February 2023, the Chinese Journal of Dental Research held its new editorial committee meeting to enrol many new members after around a year of preparation. They are international scholars with a great academic reputation or young national scholars with outstanding achievements. The new list of members appears in this issue. We hope their membership will help the journal to develop further, and we thank them in advance for their support and contribution.

In this issue, I would like to recommend several articles to our readers. The review entitled “Interactions between orthodontic treatment and gingival tissue” by Dr Yuan Liu et al at Xinjiang Medical University, School and Hospital of Stomatology, China, summarises the current evidence and solid knowledge of periodontal soft tissue problems in orthodontic treatment and prevention strategies, which I think will prove interesting to all clinicians concerned. The original research article “Hydrogen sulphide alleviates senescence of human periodontal ligament stem cells by TRPV4 channel mediated calcium flux” by Dr Yi Kun Zhou et al at Peking University School and Hospital of Stomatology, China, seeks to explore whether hydrogen sulphide can protect human periodontal ligament stem cells from senescence and the possible underlying mechanisms. It is a more basic investigation in oral biology that may attract researchers’ attention.

The articles “Evaluation of extension type of canalis sinuosus in the maxillary anterior region: a CBCT study” by Dr Leila Khojastepour et al at the School of Dentistry, Shiraz University of Medical Sciences, Iran and “Effect of different obturation techniques on sealer penetration in teeth with artificial internal root resorption: a confocal laser microscope analysis” by Dr Zeliha Uğur Aydın et al at the Faculty of Dentistry, Bolu Abant İzzet Baysal University, Turkey present offerings from other countries.

A system analysis from Prof Wei Ran Li’s team at Peking University School and Hospital of Stomatology, China, entitled “Effect of premolar extraction on the upper airway in adult and adolescent orthodontic patients: a meta-analysis” also features in this issue, and analyses the effects of premolar extraction on the upper airway in adult and adolescent orthodontic patients using CBCT. The case report entitled “Management of crown-root fracture with 180-degree rotation replantation: a report of two cases” contributed by Prof Bin Peng’s team at the School and Hospital of Stomatology, Wuhan University, China, shares an available treatment method and successful experiences in managing intentional replantation for teeth with complicated crown-root fracture.

Whether for basic research purposes or clinical dental practitioners, these articles provide much inspiration and valuable experience. We hope our readers will find them interesting and helpful.

Finally, I wish you all a happy, healthy and prosperous 2023 and hope all your wishes come true.

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