03 **Golden standards** and modern technology  
Prof. Philippe Sleiman (Guest Editor)

06 **feature**  
“**The field of tissue engineering** has exploded during the last decade”  
An interview with Dr Ibrahim Abu Tahun

10 **trends & applications**  
**Lasers as an asset in both daily practice and marketing**  
Dr Imneet Madan

14 **opinion**  
**Cleaning is key**  
Aws Alani

18 **case report**  
**All roads lead south**  
Dr Alfredo Iandolo

22 **Management of a non-vital central incisor with an open apex**  
Drs Mario Luis Zuolo & Arthur de Siqueira Zuolo

26 **Blue light laser-assisted crown lengthening in restorative dentistry**  
Dr Philipp Skora, Dr Dominik Kraus,  
PD Dr Jörg Meister & Prof. Matthias Frentzen

30 **study**  
**Thermal damage behaviour of human dental pulp stem cells**  
Prof. Karsten König & Dr Anton Kasenbacher

38 **practice management**  
**Lighting in dental surgeries—frequently neglected requirements of the standard on illumination**  
Antonín Fuksa

42 **industry news**  
**VDW: Endodontics with a system**

44 **meetings**  
**Innovation fireworks—IDS 2017**

48 **International Events**

49 **about the publisher**  
49 submission guidelines  
50 imprint