



24<sup>TH</sup> WORLD CONGRESS  
OF DERMATOLOGY  
MILAN 2019

## **ROX ANDERSON**

Dr. Anderson graduated from MIT, and received his MD degree magna cum laude from the joint MIT-Harvard medical program, Health Sciences and Technology. After completing his dermatology residency and an NIH research fellowship at Harvard, he joined the faculty where he is now a Professor and Director of the Wellman Center for Photomedicine at Massachusetts General Hospital. Dr. Anderson conceived and developed many of the non-scarring laser treatments now widely used in medical care. These include treatments for birthmarks, microvascular and pigmented lesions, tattoos, permanent hair removal, treatment of vocal chords and glaucoma. His research provided insights about biological tissue optics, laser-tissue optics, laser-tissue interaction mechanisms, photodynamic therapy and optical diagnostics. He co-invented fractional laser treatment and selective fat removal by tissue cooling. Recently he invented and developed new devices for wound grafting without scarring. In addition, Dr. Anderson practices and teaches at Harvard and MIT. Dr. Anderson has been awarded over 60 national and international patents, and has co-authored over 250 scientific books and papers.

Biosketch 2018 R. Rox Anderson, MD