In the past decade research into skin pharmacology has rapidly developed with new and promising drugs and therapeutic concepts being introduced regularly. Recently, the use of nanoparticles for drug delivery in dermatology and cosmetology has become a topic of intensive research, yielding remarkable and in part surprising results. Another topic of current research is the use of tissue tolerable plasma in wound treatment. Stimulating not only wound healing processes, but also the penetration of topically applied substances into the skin, this novel technique is expected to deliver very interesting results. There are many open questions which reflect the importance of the subject and the need for an international scientific forum where they can be discussed in extenso. Dermatologists, pharmaceutical chemists, pharmacologists, toxicologists, and others interested in the subject are invited to contribute and to submit their best research work for publication in Skin Pharmacology and Physiology.