The second theoretical-practical workshop to investigate the rational aspects of the effect of Platelet Growth Factors in dermatological therapy was held on September 24th.

Dr. Fabio Rinaldi discussed the mechanisms of action of Platelet Growth Factors and Mimicking Growth Factors in dermatological treatments: Growth Factors and cells in the extracellular matrix can open significant therapeutic horizons in the treatment of several skin, appendage and mucosa disorders. *GFs and MGfs can be used in the therapy of certain skin disorders such as psoriasis, vitiligo, Lichen Ruber Planus or Sclero-Atrophic Lichen of the genital mucosae, and in the treatment of several forms of alopecia - including cicatricial alopecia -, skin ulcers, burns and surgical wounds.*

Dr. Elisabetta Sorbellini presented the current standard protocols for the therapy of the above mentioned pathologies and discussed the therapeutic aspects of PRP in the treatment of aesthetic and pathological skin ageing.

Dr. Anna Trink showed all the technical aspects of the use of PRP: From blood collection (with the appropriate precautions) to centrifugation, activation and administration of platelet gel or plasma. She also discussed the advantages and the risks of the PRP technique and the possibility of using nitrous oxide to obtain a conscious sedation during the administration of PRP. Finally, some informed consent forms were presented.

In the afternoon practical session all the speakers made some practical demonstrations to show the procedure on six subjects suffering from different pathologies: **The participants had the opportunity to see the practical application of the PRP technique.**

Two different centrifuges were used to show some different techniques to participants. Besides, a **ultrapulse laser was used in association with PRP.**

10 ECM points were awarded to the course.

An Aesthetic Dermatology workshop is being held on January 28th.

Fabio Rinaldi

*IHRF President*