

## Literatur

1. Barrick B, Campbell EJ, Owen C: Leukocyte proteases in wound healing: roles in physiologic and pathologic processes. *Wound Rep Reg* 1999; 7: 410–422.
2. Grinnell F, Ho CH, Wysocki A: Degradation of fibronectin and vitronectin chronic wound fluid: analysis by cell blotting, immunoblotting, cell adhesion assays. *J Invest Dermatol* 1992; 98: 410–416.
3. Grinnell F, Zhu M: Fibronectin degradation in chronic wounds depends on the relative levels of elastase, a1-proteinase inhibitor, and a2-macroglobulin. *J Invest Dermatol* 1996; 106: 335–341.
4. Jünger M, Steins A, Hahn M, Hafner HM: Microcirculatory dysfunction in chronic venous insufficiency. *Microcirculation* 2000; 7: S3–S12.
5. Lauer G, Sollberg S, Cole M, Flamme , Mann K, Krieg T, Eming SA: Expression and Proteolysis of VEGF is increased in chronic wounds. *J Invest Dermatol* 2000; 115: 12–18.
6. Lauer G, Sollberg S, Cole M, Krieg T, Eming SA: Generation of a novel proteolytic resistant VEGF165 variant by a site directed mutation at the plasmin sensitive cleavage site. *FEBS Letters* 2002; 531: 309–313.
7. Nissen NN, Polverini PJ, Koch AE, Volin MV, Gamelli RL, DiPietro LA: VEGF mediates angiogenic activity during the proliferative phase of wound healing. *Am J Pathol* 1998; 152: 1445–1452.
8. Parks WC: Matrix metalloproteinases in repair. *Wound Rep Reg* 1999; 7: 423–432.
9. Pechen M, Lahayer T, Henning B, Weyl A, Simon JC, Vanscheidt W: Expression of the adhesion molecules ICAM-1, VCAM-1, LFA-1 and VLA-4 in the skin is modulated in progressing stages of chronic venous insufficiency. *Acta Derm Venerol* 1999; 79: 27–32.
10. Rosner K, Ross C, Karlsmark T, Petersen AA, Gottrup F, Lange Vejlsgaard G: Immunhistochcmical characterization of the cutaneous cellular infiltrate in different areas of chronic leg ulcers. *APMIS* 1995; 103: 293–299.
11. Takase S, Schmid-Schönbein G, Bergan JJ: Leukocyte activation in patients with venous insufficiency. *J Vasc Surg* 1999; 30: 148–156.
12. Whiston RJ, Hallet, MB, Davies EV, Harding KG, Lane IF: Inappropriate neutrophil activation in venous disease. *Br J Surg* 1994; 81: 695–698.
13. Wlaschek M, Peus D, Achterberg V, Meyer-Ingold W, Scharffetter-Kochanek, K: Protease inhibitors protect growth factor activity in chronic wounds. *Br J Dermatol* 1997; 137: 646–663.
14. Yancopoulos GD, Davis S, Gale NW, Rudge JS, Wiegand SJ, Holash J: Vascular-specific growth factors and blood vessel formation. *Nature* 2000; 407, 242–248.