

## **Curriculum vitae**

**Prof. Dr. Reinhard Fünfstück**

**Department of Internal Medicine, Hospital of the city of Weimar / Germany**

Reinhard Fünfstück is professor in medicine and head of the Department of Internal Medicine and Medical Director of the „Sophien- und Hufeland-Klinikum“ Weimar (Germany). He is specialized in nephrology, diabetology and hypertension. From the Friedrich-Schiller-University of Jena (Germany) he received a M.D. and Ph.D.

The fields of his work concern different aspects in diagnostic and treatment of diabetes mellitus Typ 1 und Typ 2, as well as in the management of kidney diseases and in cases of end stage renal failure. He is committed to diabetic nephropathy, especially defining factors to prevent a renal failure or to influence the progression of kidney disease in diabetes mellitus.

Since many years he is occupied in different diagnostic procedures of hypertension and in therapeutical management of these diseases.

More than 15 years ago Reinhard Fünfstück started his scientific work in the interesting field of urinary tract infection. The main aspect of research is focused on virulence pattern of uropathogenic microorganisms and on different host defence mechanisms. Especially the interactions of uropathogens to uroepithelial cells were analysed by his research group. With high interest he investigates the conditions for manifestation and development of urinary tract infections in patients with renal diseases and in cases of diabetes mellitus. Results of various studies of his group about host predisposing factors and uropathogen properties have influenced German guidelines for diagnostic and therapeutic strategies in uncomplicated and complicated urinary tract infections.

Results were presented on national and international conferences and on various meetings. The main parts of his scientific essays about urinary tract infections and on different aspects due to renal diseases in diabetes mellitus were published in international and national German journals.

Reinhard Fünfstück organized four international conferences of „Urinary Tract Infections“ under the auspices of International Society of Chemotherapy and the Paul-Ehrlich-Society of Chemotherapy. He is co-author of the periodical „Nieren- und Hochdruckkrankheiten“ (Kidney and Blood Pressure Diseases).

His work was honoured with the „Theodor-Brugsch-Medallion“, the „Bruno-Watschinger-Award“ and the „Ludwig-Pfeiffer-Medallion“. His social engagement was appreciated with an honour diploma of the „Polish Red Cross Association“ and by the „Melvin Jones Fellowship“.

Reinhard Fünfstück is a member of the European Society of Clinical Microbiology and Infectious Diseases (ESCMID), the Paul-Ehrlich-Society of Chemotherapy, the American Society of Nephrology (ASN), the German Society of Internal Medicine (DGIM), the German Society of Nephrology (DGfN) and the German Association of Diabetology (DDG). He is the speaker of the UTI-working group of the Paul-Ehrlich-Society and a member of the UTI-Working Group of the International Society of Chemotherapy.

Since five years Professor Fünfstück is vice president of the German Medical Hospital Council.

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