Structural-Functional Relationships in Diabetic Nephropathy

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	Surgery. and Medicine, University of Minnesota School of
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	meruli and that these open glomeruli did not manifest marked	surface of the renal core and to ensure correct division of the core.	
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	"denosition of basement membrane material" Rader et al	performed under the dissecting microscope, to provide glomeruli for	
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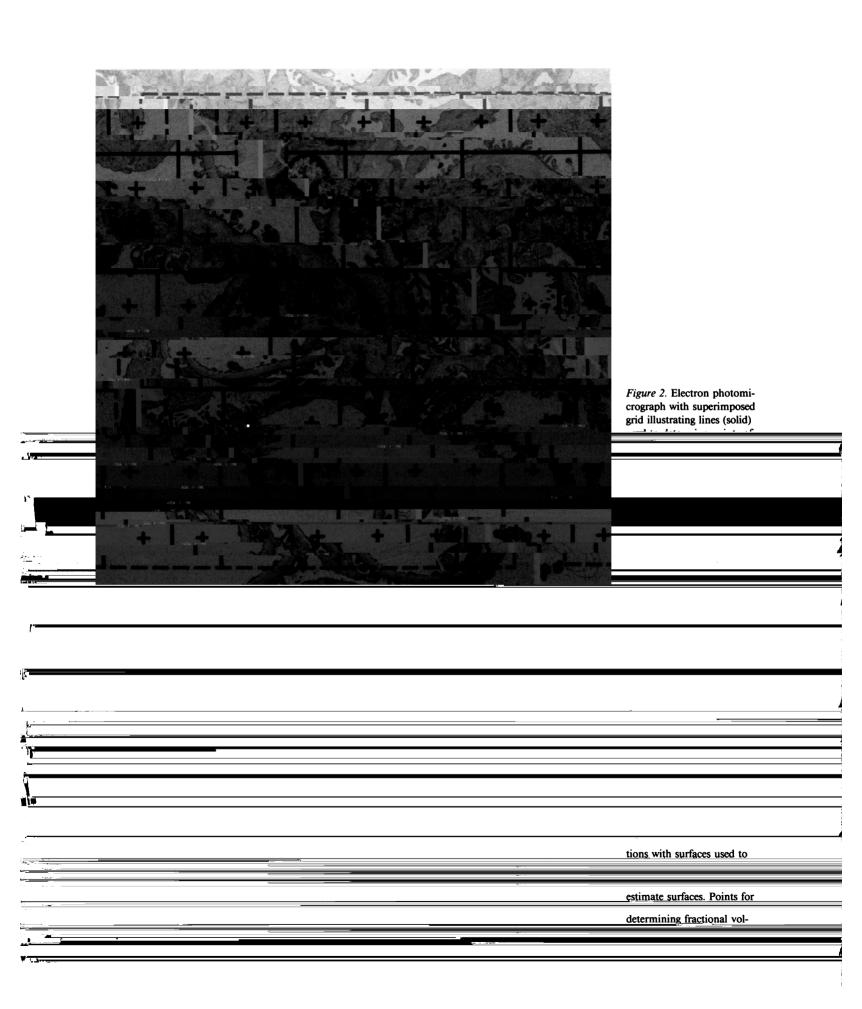
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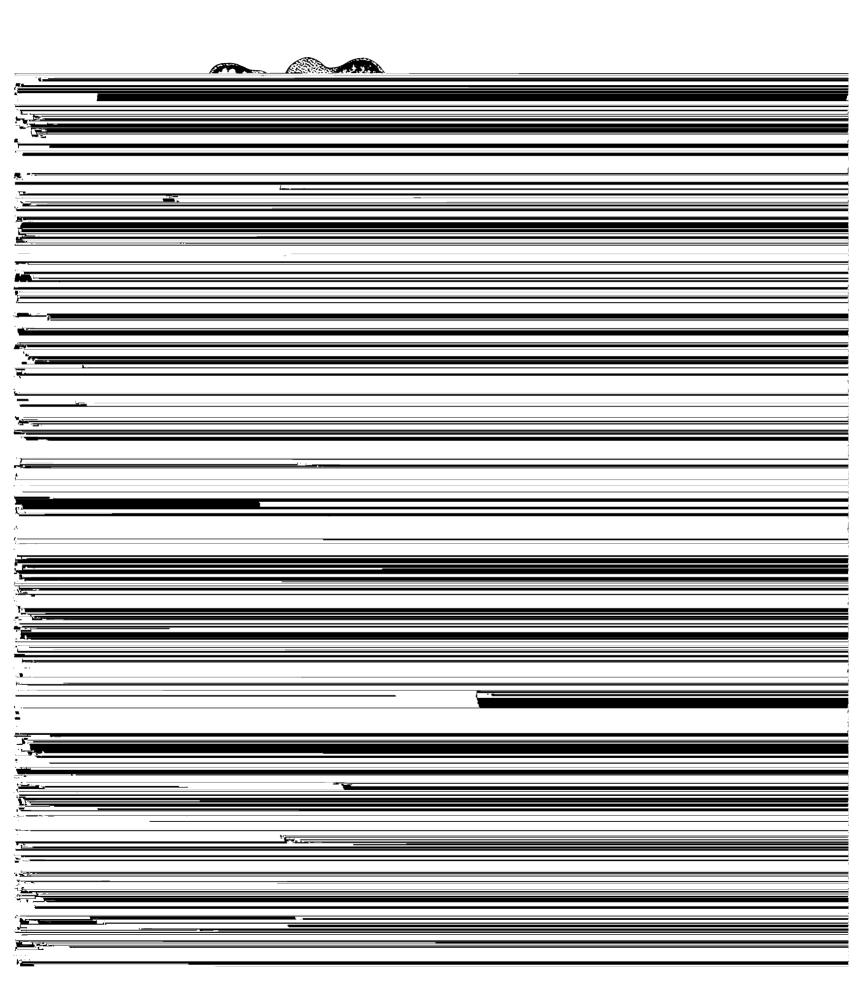


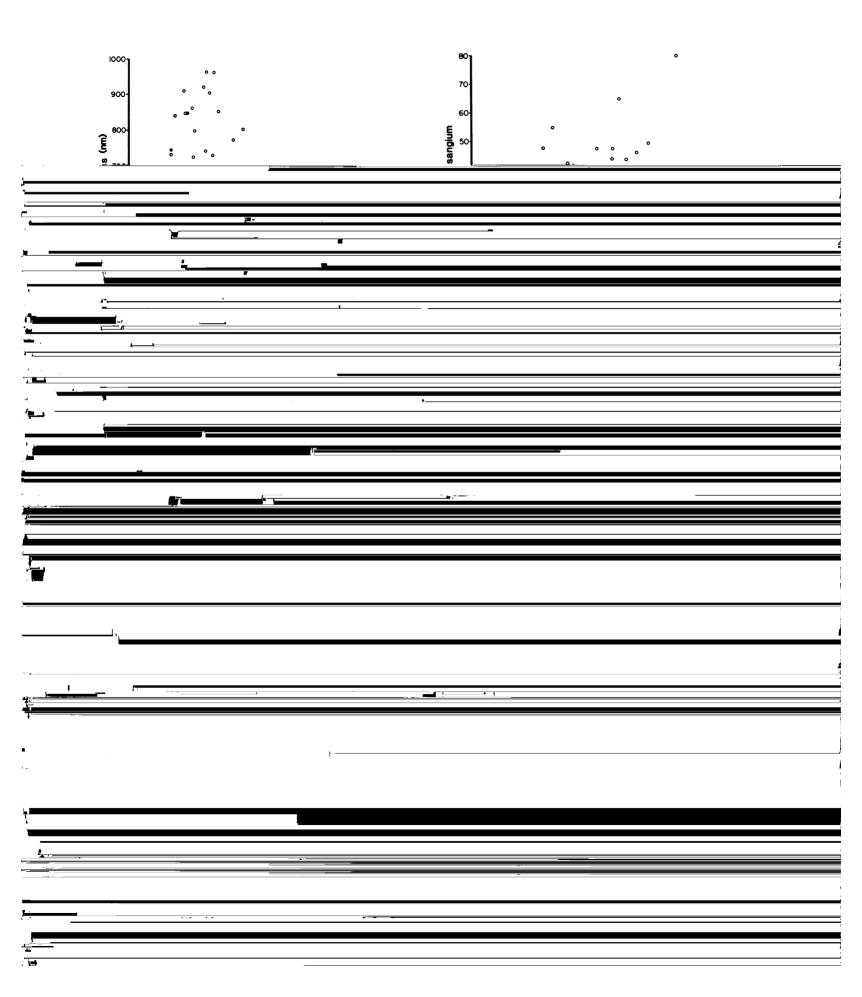
Figure 1. (A) Representative glomerulus from a biopsy with a mean

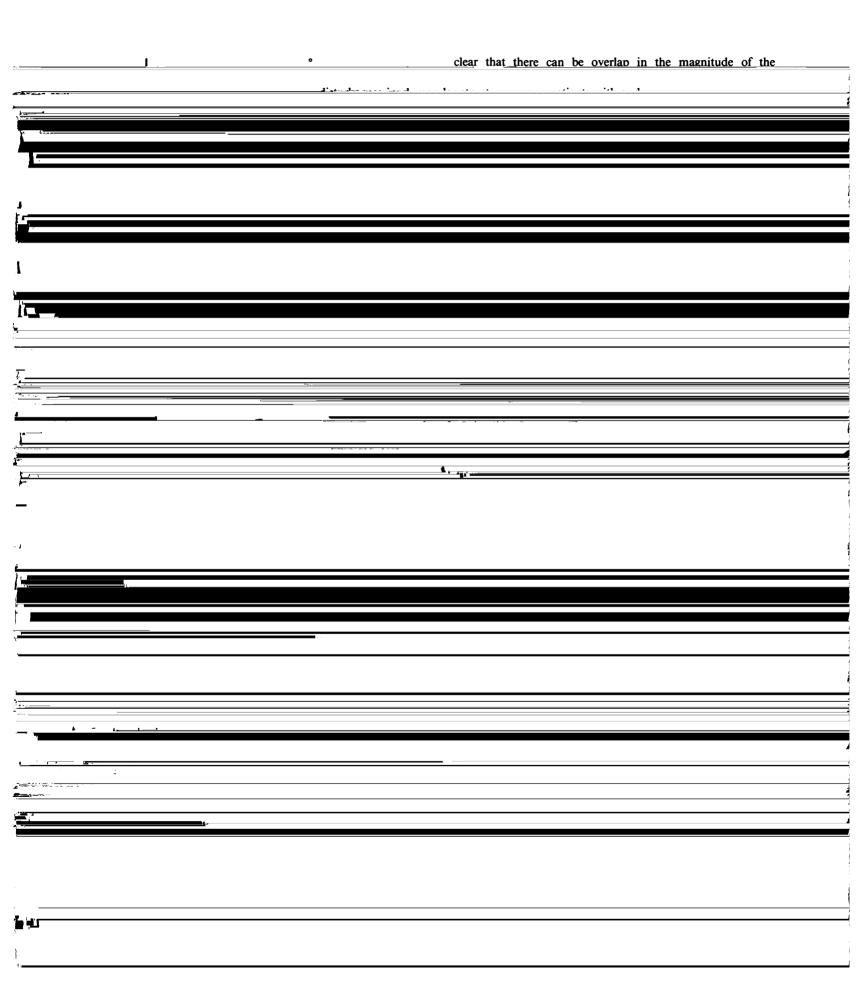
mean IME of 3.5 (PAS \times 350). (D) Representative cortical area with

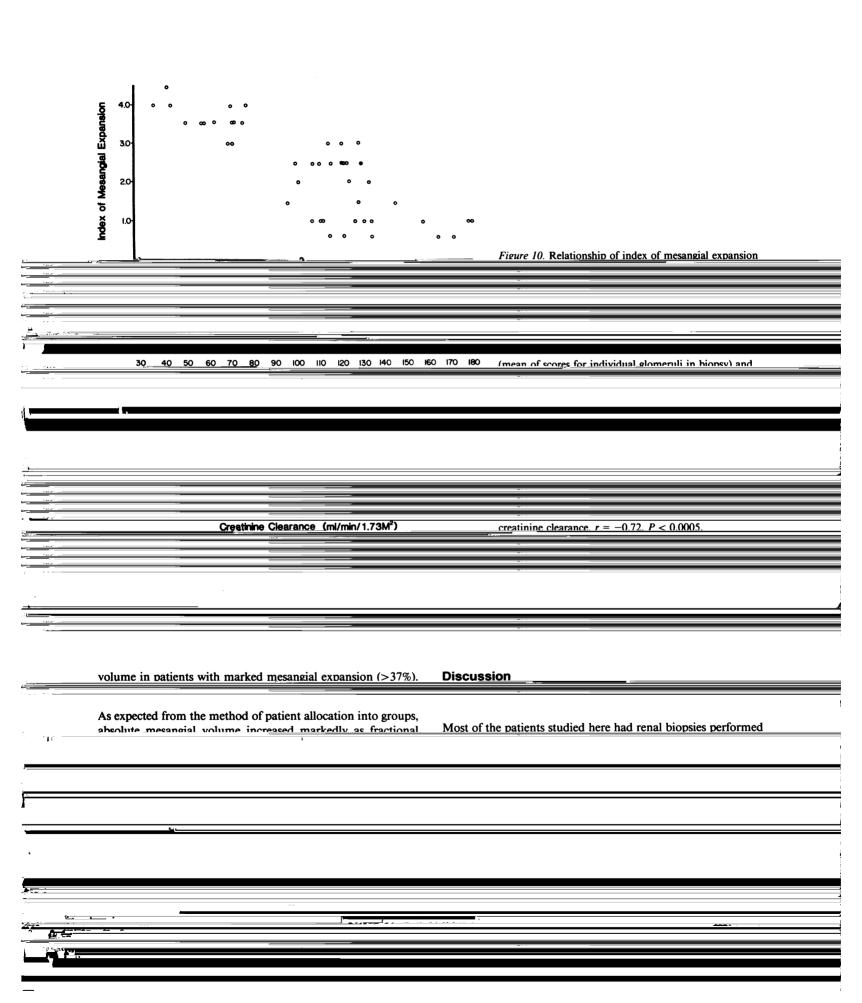
IME of 1.25 (PAS \times 350). (B) Representative cortical area with a a mean index of interstitial fibrosis of 2.75 (arrow) in same biopsy as mean index of interstitial fibrosis of 0.25 (arrow) in same biopsy as A C (PAS \times 350). (PAS \times 350). (C) Representative glomerulus from a biopsy with a a subtle finding easily overlooked unless specific examination for this measured for each natient because many did not have adequate parameter is carried out (Fig. 1, B and D). numbers of glomeruli in the biopsy specimens, estimates of absolute The index of arteriolar hyalinosis was determined as a semiguanvolumes of glomerular components and areas of glomerular surfaces











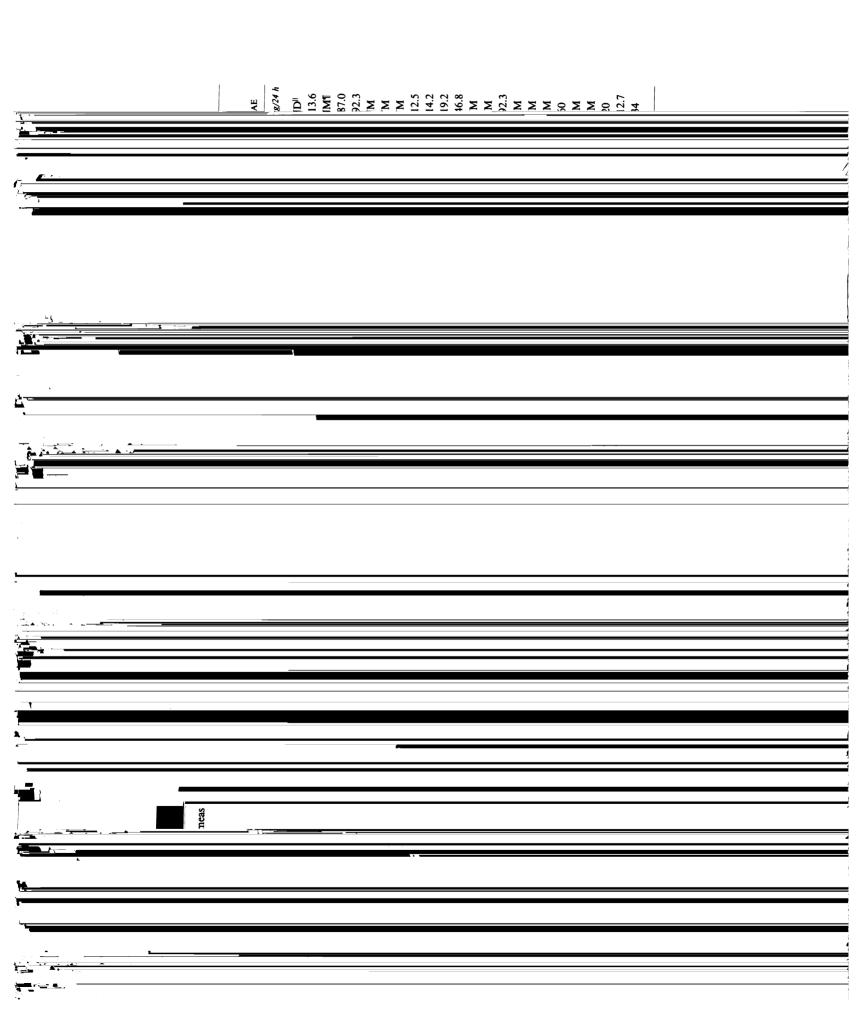


	Table II. Relationship of Blood Pressure	and mesangial matrix constituents. Furthermore, unilateral
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physical	forces result	which,	inde	pendent	of the	diabe	tic state,
produce	progressive	glomer	ular	injury.	Glome	rular	sclerosis

Acknowledgments

would aggregate this cituation but would not be a necessary	We thank Barbara Elick, R.N., and the staff of the Clinical Research
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