- Seminar on patterns of growth and development in cattle, Ghent 1977. The Hague, Martinas Nyhoff, 1978:203-18.
- <sup>6</sup> Jones D, King MF, Round JM. Moppet: a rapid and accurate system for the measurement of muscle fibre cross sectional areas. J Physiol 1980;305:5p-6p.
- <sup>7</sup> Edwards RHT, Young A, Wiles CM. Needle biopsy of skeletal muscle in the diagnosis of muscle function and repair. N Engl J Med 1980;302:261-71.
- 8 Round JM, Matthews Y, Jones DA. A quick simple and reliable method for ATPase in human muscle preparations. *Histochem J* 1980;12:707-10.
- <sup>9</sup> Costill DL, Coyle EF, Fink WF, Lesmes GR, Witzmann

- FA. Adaptations in skeletal muscle following strength training. J Appl Physiol 1979;46:95-106.
- <sup>10</sup> Gollnick PD, Armstrong RB, Saltin B, Saubertiv CW, Sembrowich WL, Sheperd RE. The effect of training on enzyme activity and fibre composition of human skeletal muscle. *J Appl Physiol* 1973;34:107-11.

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- <sup>17</sup> Chan V, Chan TK. Heparin-antithrombin III binding: In vitro and in vivo studies. *Haemostasis* 1979;8:373-89.
- <sup>18</sup> Pirart J. Diabète et complications dègènèratives. Presentation d'une studie prospective portant sur 4400 cas observés entre 1947 et 1973. *Diabete Metab* 1977;3: 97-107, 173-82, 245-56.
- 19 Steffes MW, Maurer SM, Brown DM. The development, enhancement and reversal of the secondary complications of diabetes mellitus. Hum Pathol 1979;10: 203.0
- 20 Steihm ER, Trygstadt CW. Split products of fibrin in human renal disease. Am J Med 1969;46:774-86.

<sup>21</sup> Jerums G, Post RS, Miller M, Barzellato E. Differential renal protein clearance in diabetes. *Diabetes* 1973; 22:104-10.

<sup>22</sup> Cameron JS, Ireland JT, Watkins PJ. In: Keen H, Jarrett J, eds. *Complications of diabetes*. London: Edward Arnold, 1975:99-150.

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