CORRIGENDA

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Pages H1303–H1304: S. T. Ballard, R. H. Nations, and A. E. Taylor. “Microvascular pressure profile of serosal vessels of rat trachea.” Measurements of microvessel diameter were overestimated because of a calibration error. The corrected vessel diameters are 0.56 times those originally reported. The corrected diameter ranges for arterioles, venules, and venular sinuses should be 6–53, 11–42, and 67–236 μm, respectively. When it is assumed that capillaries fall between 10-μm arterioles and venules, capillary pressures predicted by a four-parameter logistical function range from 34.5 and 12.7% of mean arterial pressure. Therefore, when the average large venular pressure was 5% of mean arterial pressure, fractional precapillary (systemic to 10-μm-diam arterioles), capillary (10-μm-diam arterioles to 10-μm-diam venules), and postcapillary (10-μm-diam venules to large venules) resistances would represent 69, 23, and 8%, respectively, of the total microvascular resistance. A revised Fig. 1 comparing experimental data with those of Nordin et al. (3), who measured microvascular pressure in rabbit tracheal mucosa, follows.

Fig. 1. Pressure profile of serosal microvasculature of rat trachea. CAP, capillaries (diam <10 μm). Closed circles, aggregate pressures measured in serosal microvessels from 14 rats. Solid line, 4-parameter logistical function curve fit to data. Open circles, pressures (±SD) reported by Nordin et al. (3) [Microvasc. Res. 15: 287–298, 1978] and approximate diameters for mucosal vessels from rabbit trachea.

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Pages H61–H70: J. P. Headrick, S. W. Ely, G. P. Matherne, and R. M. Berne. “Myocardial adenosine, flow, and metabolism during adenosine antagonism and adrenergic stimulation.” The legends to Figs. 3, 4, and 7 incorrectly state that data were collected from rat hearts. All data in the study were in fact obtained from guinea pig hearts.

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Pages H770–H776: C. P. B. Van der Ploeg, J. Dankelman, and J. A. E. Spaan. “Functional distribution of coronary vascular volume in beating goat hearts.” Page H776: The acknowledgments should include the following: this study was supported by Grant 88.095 from the Netherlands Heart Foundation.