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the foetus; Discussion; Carriage of oxygen in the blood of the foetus; Discussion; Oxygen consumption of the placenta and foetal membranes in the sheep; Discussion; General Discussion; Carbon monoxide and oxygen saturation; Oxygen consumption and the placenta  
Surface-active lipoproteinInitiation of respiration; Discussion; Pulmonary circulation in the foetus and the newborn; Discussion; Uptake of liquid from the lungs at the start of breathing; Group Discussion; Discussion; Surfactant and lung collapse; Observations of homoeostatic regulation; Nature of homoeostatic regulation; Evolution of homoeostatic regulation; Transport across membranes; Chairman's closing remarks; Author Index; Subject Index

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#### Sommario/riassunto

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