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SUPPLEMENTARY MATERIAL

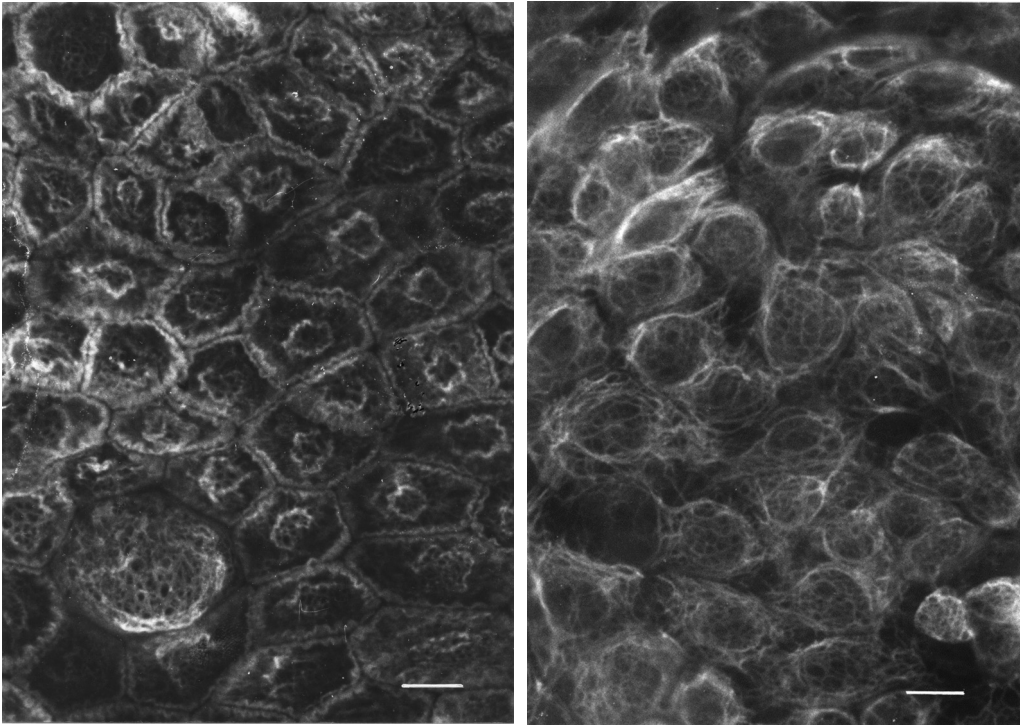
corresponding to:

**Planar polarity of the extraembryonic epithelia
in the preimplantation porcine conceptus**

JACQUES-EDMOND FLECHON

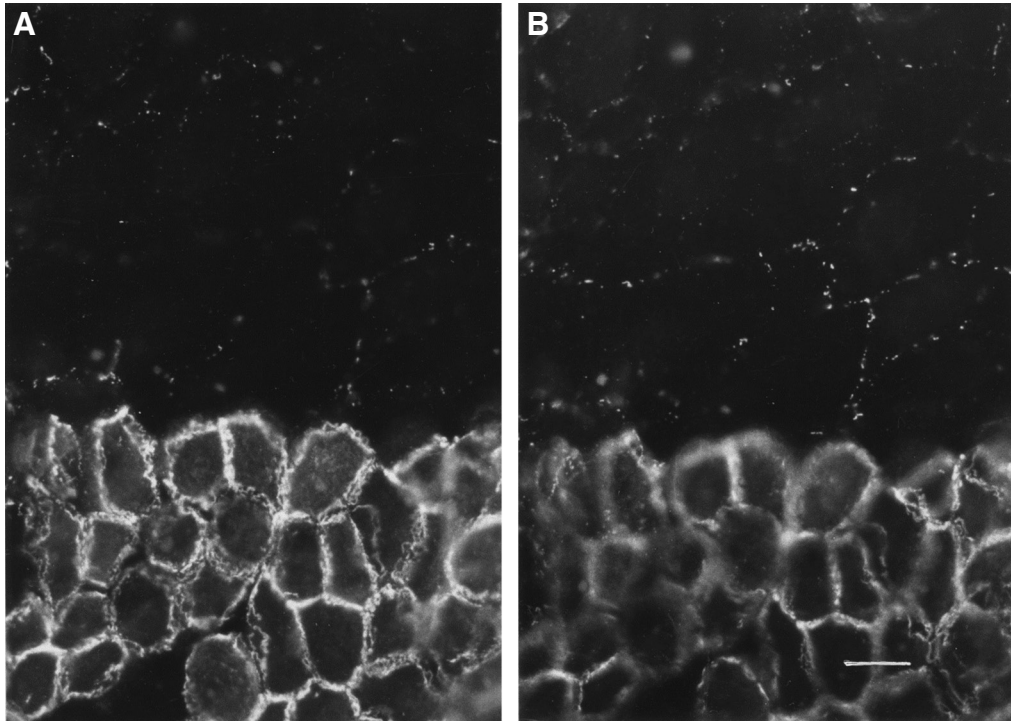
***Address correspondence to:** Jacques-Edmond Flechon. UMR Biologie du Développement et Reproduction, INRA, 78352 Jouy-en-Josas, France.
E-mail: jb.flechon@orange.fr  <http://orcid.org/0000-0001-5547-6709>

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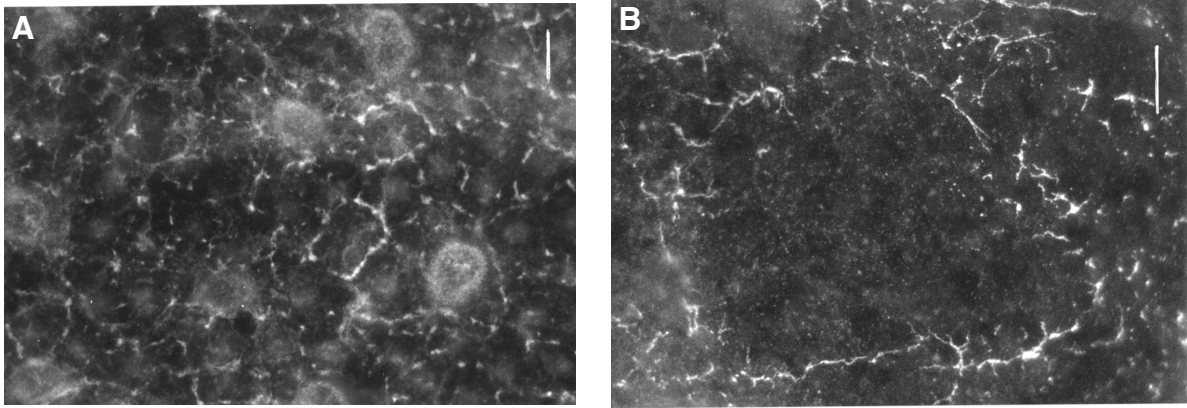


Suppl. Fig. S1 (Left). Cyokeratins 8-18 in T cells of day-13 conceptus. IFs distributed along the lateral PMs and on top of nuclei.

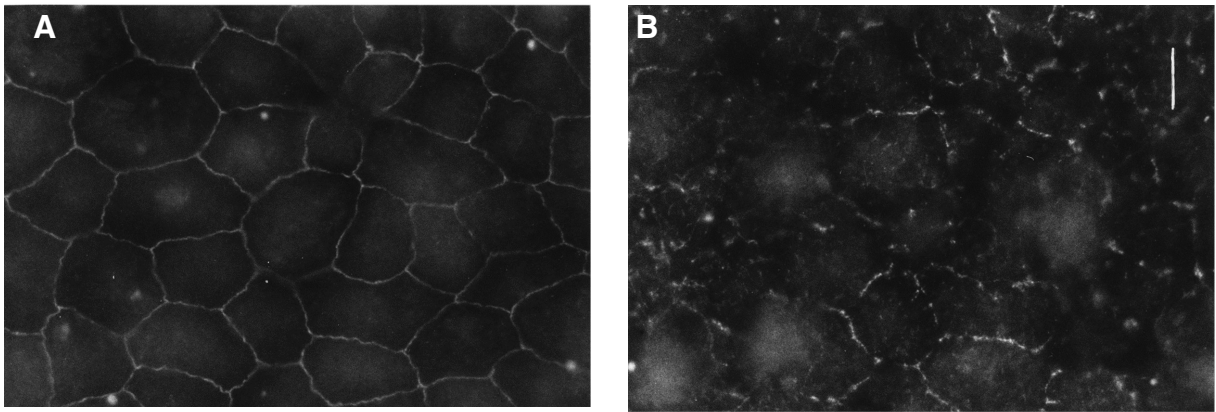
Suppl. Fig. S2 (Right). Cyokeratins 8-18 in visceral E cells under the embryonic disk of day-10 blastocyst. The IFs form a network around the nuclei.



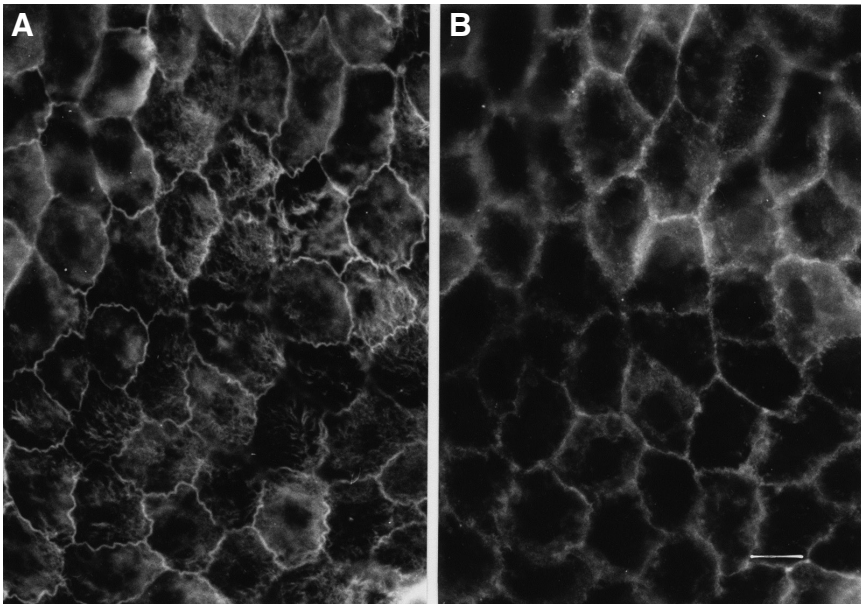
Suppl. Fig. S3. Comparative distribution of desmoplakin in T and E cells of day-13 filamentous conceptus. In the field, half of the T layer was removed. (A) Waved punctate labelling in the basolateral PMs of T cells. (B) Unilinear staining in larger (flat) E cells in focus.



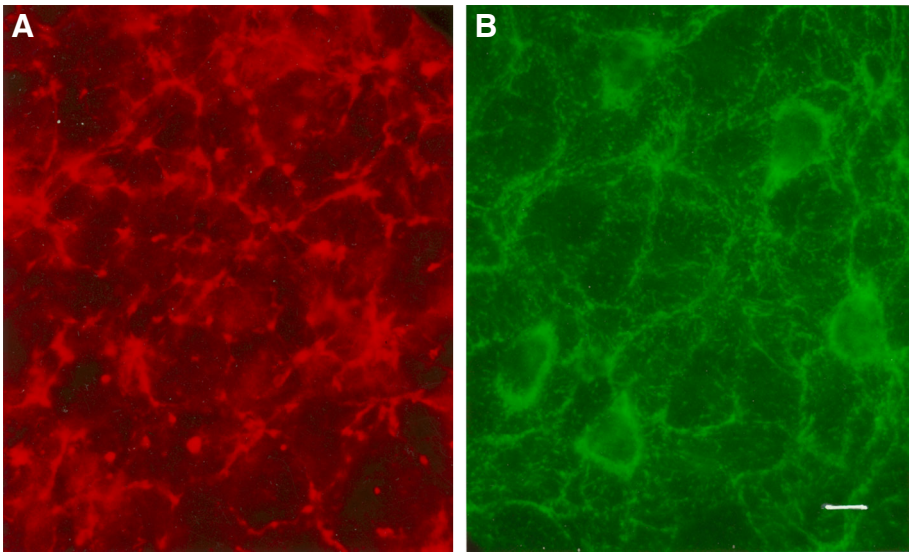
Suppl. Fig. S4. Immunolocalization of F-actin in day-12 ovoid blastocyst. (A) *F-actin in patches along the basolateral PMs and as a meshwork around nuclei in tangential section of T cells.* (B) *MFS of E cell microvilli around a lacuna.*



Suppl. Fig. S5. Vinculin in T cells of day-12 ovoid blastocyst. (A) *Line of immunolabeling in apicolateral PMs.* (B) *Dots along the basolateral PMs (same field).*



Suppl. Fig. S6. F-actin and integrins in the T cells of day-12 blastocyst. (A) *Rhodamine-phalloidin staining along the lateral PMs and in a meswork around the nuclei (black holes), when in focus.* (B) *Diffuse immunostaining of fibronectin receptors at the basolateral PMs (same field).*



Suppl. Fig. S7. Colocalization of F-actin and cellular fibronectin in day-12 blastocyst. (A) *F-actin patches on the basolateral PMs of T cells. (B)* *Cellular fibronectin meshworks in the BL, denser along the basolateral PMs of T cells. E cells are not in focus (same field).*