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- WAKAHARA, M. *See* NEFF, A. W.
- WAKIMOTO, B. *See* KALFAYAN, L.
- WAKSMUNDZKA, M., KRYSIAK, E., KARASIEWICZ, J., CZOŁOWSKA, R. *and* TARKOWSKI, A. Autonomous cortical activity in mouse eggs controlled by a cytoplasmic clock **79**, 77
- WALLACE, H. The response of denervated axolotl arms to delayed amputation **84**, 303
- WARNER, P. *See* HARRIS, A. K.
- WARREN, P. D. *See* FLEMING, T. P.
- WARTIOVAARA, J. *See* LEHTONEN, E.
- WATANABE, K. *See* HONDA, H.
- WEEKES, C. *See* HOLDER, N.
- WESSELLS, N. K. *See* WRENN, J. T.
- WEST, J. D., BÜCHER, T., LINKE, I. M. *and* DÜNNWALD, M. Investigation of variability among mouse aggregation chimaeras and X-chromosome inactivation mosaics **84**, 309
- WHITE, R. A. H., PERRIMON, N. *and* GEHRING, W. J. Differentiation markers in the *Drosophila* ovary **84**, 275
- WRENN, J. T. *and* WESSELLS, N. K. The early development of mystacial vibrissae in the mouse **83**, 137
- WYLIE, C. C. *See* GODSAVE, S. F.
- WYLLIE, A. H. *See* BOYD, S. M.
- YAMANAKA, H. *See* HONDA, H.
- YASUGI, S. Differentiation of allantoic endoderm implanted into the presumptive digestive area in avian embryos. A study with organ-specific antigens **80**, 137
- ZALIK, S. E. *See* MILOS, N.
- ZWAAN, J. *and* KENYON, R. E. Cell replication and terminal differentiation in the embryonic chicken lens: normal and forced initiation of lens fibre formation **84**, 331