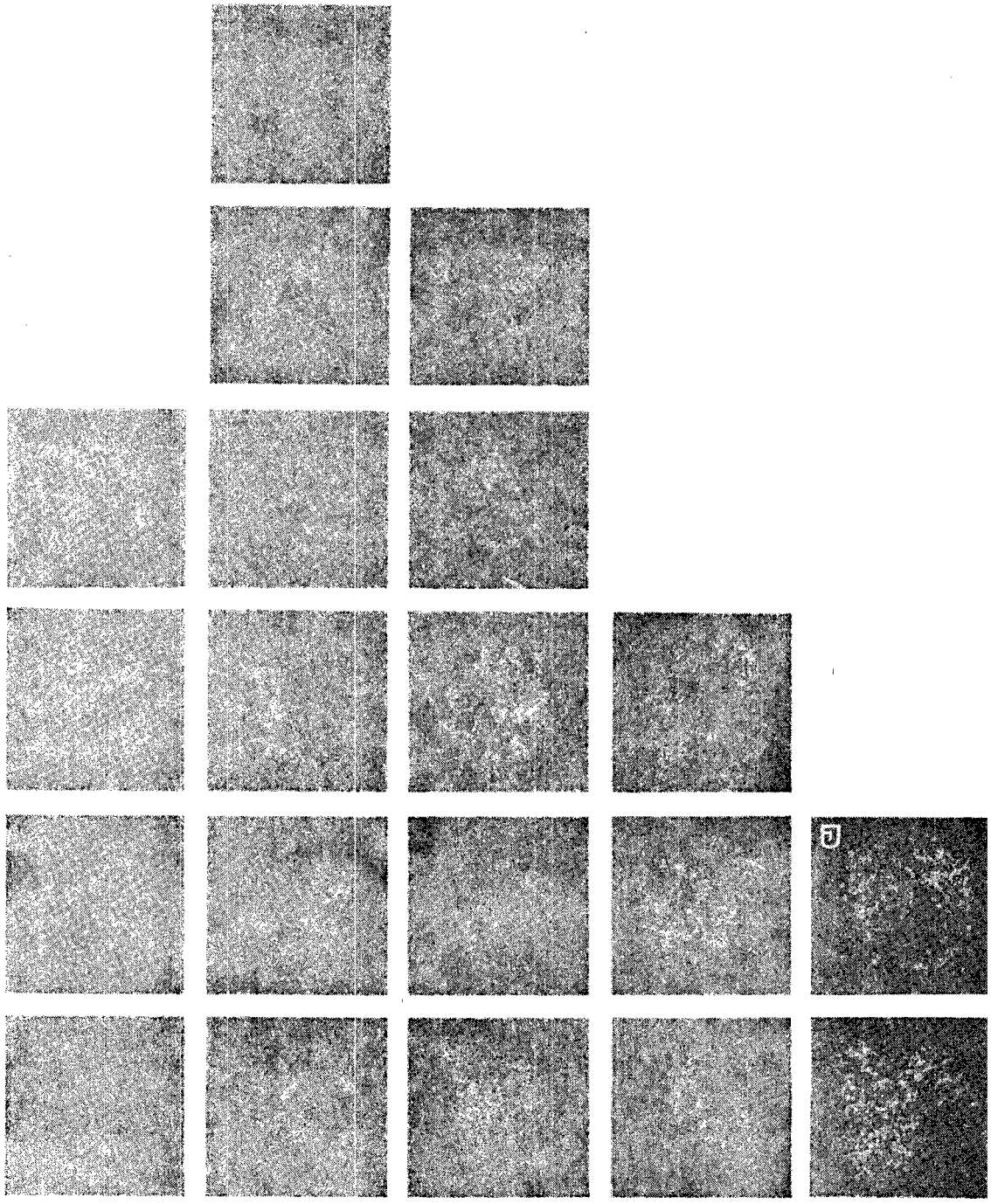
神経化学

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神 経 化 学 懇 話 会

—神経化学文献—

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Fluorescence methods for the histochemical demonstration of monoamines. 3. Sodium borohydride reductin of the fluorescent compounds as a specificity test. (Crrodi, H. Hillarp, N. & Jonsson, G.) 12 (8) 582-586, 1964

Intracellular monoamine oxidase and lipids in diffusion chamber cultures of the pineal organ. (O'steen, W. K. & Dill, R. E.) 12 (8) 615-620, 1964

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