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(54) **METHODS FOR GAMETE PRODUCTION IN BIRDS**

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(58) **Field of Search** 119/6.8; 424/582

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(57) **ABSTRACT**

A method for the production and collection of avian sperm comprises the steps of: providing primordial germ cells from a donor avian species; administering the primordial germ cells to a recipient avian species in ovo; incubating the recipient avian species to hatch; and then collecting sperm of the donor avian species from the recipient avian species. For example, the donor avian species may be a whooping crane, and the recipient avian species may be a sand hill crane. In another example, the donor avian species may be a turkey, and the recipient avian species may be a chicken.

22 Claims, No Drawings