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## Trimeprazine (Temaril)

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oratory and Fellows. A year ago our total was 89. A few of our young men have accepted positions of greater responsibility at sister institutions. We wish them success in their new locations. Although we hate to see any faculty member leave, we are complimented that other institutions regard our young men highly enough to offer them responsible administrative positions. If the day ever comes when no school is interested in our faculty members, I will be seriously concerned about the quality of our staff. In turn, we are honored when highly qualified faculty members from other universities join us in Ames. This speaks well for our present and for our future. The annual "exchange" of faculty members among the various colleges helps to bring new concepts to all schools and results in improved teaching and research programs.

During the past year a Student-Faculty Relations Committee was appointed, composed of faculty and student representatives. It has frank discussions concerning teaching and learning situations within the college. It reports to the Dean. In addition, a semi-annual report is presented to the faculty and to the students. Students and faculty members have an equal opportunity to discuss instructional philosophies and practices and to make recommendations for the correction of grievances. It is hoped that the efforts of this committee will result in improved communications among all persons associated with the college.

As indicated above, space restricts the number of activities that may be discussed in a single issue. However, other developments at the College of Veterinary Medicine and at Iowa State University will be brought to your attention in the future.

I invite you to visit us at any time, with or without an excuse, and I am looking forward to seeing you at the meeting of the Iowa State University Veterinary Medical Alumni Association in Des Moines in January. Let us have a record turnout!

Sincerely yours,  
George C. Christensen

## Trimeprazine (Temaryl)

C. W. Laursen

This phenothiazine derivative has tranquilizing, antipruritic, and antitussive properties. Antipruritic action is derived possibly from the antihistamine properties and the psychological tranquility produced by the drug. The basis for the antitussive action is unknown. As a tranquilizer, the drug produces maximum effect in 1 hour, lasting for 6 hours. The dose for antipruritic effects is: dogs—5 mg/25 lb, oral; cats—2.5–5 mg. given orally, three times a day. The dose for tranquilizing action is 1 mg.-lb., sub-Q. The effectiveness as an antipruritic was found in one study on 295 miscellaneous clinical cases to result in "good" responses in 75% of the dogs and 83% of the cats treated. Anti-emetic properties are about ½ those of chlorpromazine and barbiturate potentiation is about 1/16 that of chlorpromazine.

## Dextromethorphan and Benzonatate

K. W. Schumann, Jr.

These two drugs are new anti-tussives. Dextromethorphan (Romilar) is a synthetic morphine derivative which is nonaddictive and does not require a narcotics license. A 2mg/kg dose in dogs inhibited experimental cough 62%; a 8 mg/kg dose inhibited coughs 88%. In cats, doses of 1–2 mg/kg were used successfully. The drug is equally as effective as codeine. Benzonatate is likewise non-addictive. No information on animals was available. In man, the drug is effective in 10–30 minutes after administration and effects last 2–8 hours. The drug acts by depressing sensory receptors in the nasopharynx, whereas dextromethorphan is a centrally-acting anti-tussive.