Gene e (eyeless) Research Programs

One of the most often requested axolotl mutant genes is our gene \underline{e} (eyeless). The phenotype is dramatic - embryos which are homozygous for the gene \underline{e} fail to develop eyes. Adults are sterile and display an altered pigmentation pattern.

During the past few years the following laboratories have received shipments of gene \underline{e} material from the I.U. Axolotl Colony:

Dr. Makoto Asashima
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Dr. Hae Moon Chung
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Dr. William Harris Department of Biology Univ. California, San Diego La Jolla, CA 92093 Dr. Rudolf Brun Department of Biology Texas Christian University Fort Worth, Texas 76129

Dr. Robert Cuny present address: Department of Anatomy University of Saskatchewan Saskatchewan, Canada 57N OWO

Dr. Sally Frost Dept. Physiology and Cell Biology University of Kansas Lawrens, KS 66045

Dr. Takatoshi Nagai Teikyo University School of Medicine Kago 2-11-1, Itabashi-Ku Tokyo 173, Japan

In order to increase communication among readers of the newsletter who might be interested in this mutant gene, we invited several of the gene \underline{e} researchers to provide brief research descriptions for this issue. Each responded, and to them GMM and Susan Duhon express their appreciation. Those research summaries follow.