

	UCSD INSTITUTIONAL ANIMAL CARE AND USE COMMITTEE POLICY MANUAL	<b>POLICY #4.03</b>  Originally Issued: 04.06.98 Revised: 11.04.04 Revised: 6.17.15
	<h2>Policy for Induced Arthritis Studies</h2>	

### **I. Background and Purpose**

The University of California is committed to the improvement of human and animal health and the advancement of science. When these pursuits involve arthritis studies in animals, UCSD is committed to their humane care and use as specified in the Guide for the Care and Use of Laboratory Animals, the PHS Policy and the Animal Welfare Act.

### **II. Who Should Read This Policy**

All personnel on an approved animal protocol engaged in or responsible for arthritis studies in animals.

### **III. Definitions**

Definitions can be used to clarify terms, specify the scope of the policy etc. Some policies will not require any definitions.

Term	Definition
Adjuvant Arthritis	An experimentally induced form of a T-cell mediated autoimmune arthritis that is frequently used to study the immunological aspects of rheumatoid arthritis.

### **IV. Policy**

1. The use of adjuvants to induce arthritis must be done in accordance with the adjuvant policy. Any injection away from the target site of arthritis ( e.g. proteoglycans, collagen, etc.) will be considered for the purposes of this policy to be an adjuvant and must be used in accordance with the Policy on Adjuvants (IACUC Policy 3).
2. The induction of arthritis by direct manipulation of the target joints or auricular surfaces must be described in the protocol and must be in accordance with applicable IACUC policies. (Surgery Policy 7 or 35, Anesthesia Policy 34, etc.)
3. Cages must be labeled with method used to induce the arthritis.
4. The protocol must describe the expected time course for the development of the arthritis model, including clinical signs to be monitored and the schedule of monitoring.
5. When animals with experimental arthritis have difficulty accessing food and water, the protocol must specify how this problem will be addressed. Animals experiencing pain or distress or requiring modifications to the delivery of food or water must be monitored daily.

6. The protocol must identify specific endpoints and animals must be euthanized no later than necessary to achieve the scientific goals of the study.
7. There must be rigorous scientific justification if analgesics will be not be used.

#### **V. Related Documents**

This section guides the reader to related policies or laws that can be consulted if wished.

Policy and Guidelines on Minimizing Pain and Distress in Animals and Determination of Reportable Pain Categories	<a href="http://blink.ucsd.edu/files/sponsor-tab/iacuc/Policy%2026%20Pain%20Distress.pdf">http://blink.ucsd.edu/files/sponsor-tab/iacuc/Policy%2026%20Pain%20Distress.pdf</a>
Policy and Guidelines on Adjuvants	<a href="http://blink.ucsd.edu/files/sponsor-tab/iacuc/Policy%203%20Adjuvants%20.pdf">http://blink.ucsd.edu/files/sponsor-tab/iacuc/Policy%203%20Adjuvants%20.pdf</a>

#### **VI. Additional information**