



# Research Models and Services

**Outbred Rats** 



## Origin

Medical Research Council, Mill Hill obtained LH stock from ICI, Alderley Edge in 1932 and have maintained closed colony since that time.

#### HsdOla:LH

From Medical Research Council, Mill Hill to OLAC (now Envigo) in 1969.

## **Characteristics**

The LH is a black-hooded rat. Slow growth rate.

#### **Genetics**

Coat color genes - a, C, h : black-hooded.

Other genes are variable (outbred stock).

### **References**

- Green SJ and Wilson JF (1996) The effect of hair color on the incorporation of methadone into hairs in the rat. Journal of Analytical Toxicology 20, 121-123.
- Hall E, Parton R and Wardlaw AC (1997) Differences in coughing and other responses to intrabroncheal infection with *Bordetella pertussis* among strains of rats. Infect. Immun. 65, 4711-4717
- 3. Kirkham TC and Williams CM (2001) Synergistic effects of opiod and cannabinoid antagonists on food intake. Psychopharmacology 153, 267-270.
- Peters AG (1986) Length of gestation period on eight inbred strains and three outbred strains of rats. Animal Technology 37, 109-112.