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### **Activities in changes in sperms in the penetration of sperm into the ovum**

- Breaking of acrosomal region
- Release of sperm lysin
- Disolution of vitelline
- Entry of one sperm
- Prevention of entry
- Hardening of vitelline
- Seperation of vitelline from plasma membrane

### **Source of origin of sperm lysin in fertilization**

- Acrosome

### **List of chemical present at sperm lysin**

- Hyaluronidase
- Corona penetrating enzyme
- Acrosin
- Fertilin

### **Function of hyaluronidase in fertilization**

Dissolve follicle binding cells

### **Chemical that glues follicle cells in ovum**

Hyaluronic acid

### **Term for acrosin in fertilization**

Zona lysine

### **Function of zona lysine in fertilization**

- Digest zona pellucida

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### **Function of fertilin in fertilization**

Recognize gamete of same species

### **Monospermy in fertilization**

- Fertilization of egg with only one sperm