

UNIVERSIDAD DE LOS ANDES  
FACULTAD DE MEDICINA  
LABORATORIO DE FISIOLÓGÍA DE LA CONDUCTA

SEMINARIOS  
POSGRADO MULTIDISCIPLINARIO BIOLOGÍA CELULAR

**NEUROBIOLOGÍA DEL AMOR, EL APEGO Y LA SOCIALIZACIÓN  
APLICACIONES EN LA MEDICINA**

- I. INTRODUCCIÓN
- II. NEUROBIOLOGÍA DEL AMOR ROMÁNTICO EN HUMANOS
- III. NEUROBIOLOGÍA DE LA MONOGAMIA EN ROEDORES
- IV. BASES GENÉTICAS DE LA FORMACIÓN DE PREFERENCIA DE PAREJA
- V. APLICACIONES EN MEDICINA

1era. PARTE

- I. Introducción
  - Amor y términos relacionados
  - Expresiones culturales
- II. Estudios de neurobiología del amor en humanos
  1. Etapas del amor
  2. Amor romántico o enamoramiento
    1. Características
    2. Conductas recompensantes
    3. Amor y adicción
    4. Sustrato neural
    5. Técnicas de imágenes fMRI
    6. Amor romántico y amor maternal Fmri
  3. Amor romántico a largo plazo

2da. PARTE

### III. Estudios de neurobiología de la monogamia en roedores

1. Concepto de monogamia
2. Roedores monógamos y promiscuos
3. Historia del encuentro, apareamiento y establecimiento de la pareja en roedores de la pradera
4. Sustrato neuroquímico de la monogamia
  1. Dopamina y sistemas de recompensa
  2. Neuropeptidos de la monogamia
  3. Resumen neuroquímica en roedores de pradera y montaña

### IV. Bases genéticas de la formación de pareja

1. Estudios gen receptor de vasopresina en roedores de la pradera y de la montaña
2. Roedores vs. Humanos
3. Genes y ambiente

### V. Aplicaciones en medicina. Autismo

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