

MOLECULAR STRUCTURE OF CATION CHANNELS

OBJECTIVES

1. Components that make a channel tick
2. Diversity, molecular structure and function of Na⁺ channels
 - Voltage-sensitive Na⁺ channels
 - Epithelial Na⁺ channels
3. Diversity, molecular structure and function of Ca⁺⁺ channels
 - L, T, P, Q, N types
4. Diversity, molecular structure and function of K⁺ channels.
 - Kv superfamily
 - Ca⁺⁺- sensitive K⁺ channels
 - Kir superfamily
5. Chloride channels
 - CIC family of voltage sensitive Cl⁻ channels
 - CFTR channels

REFERENCES

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