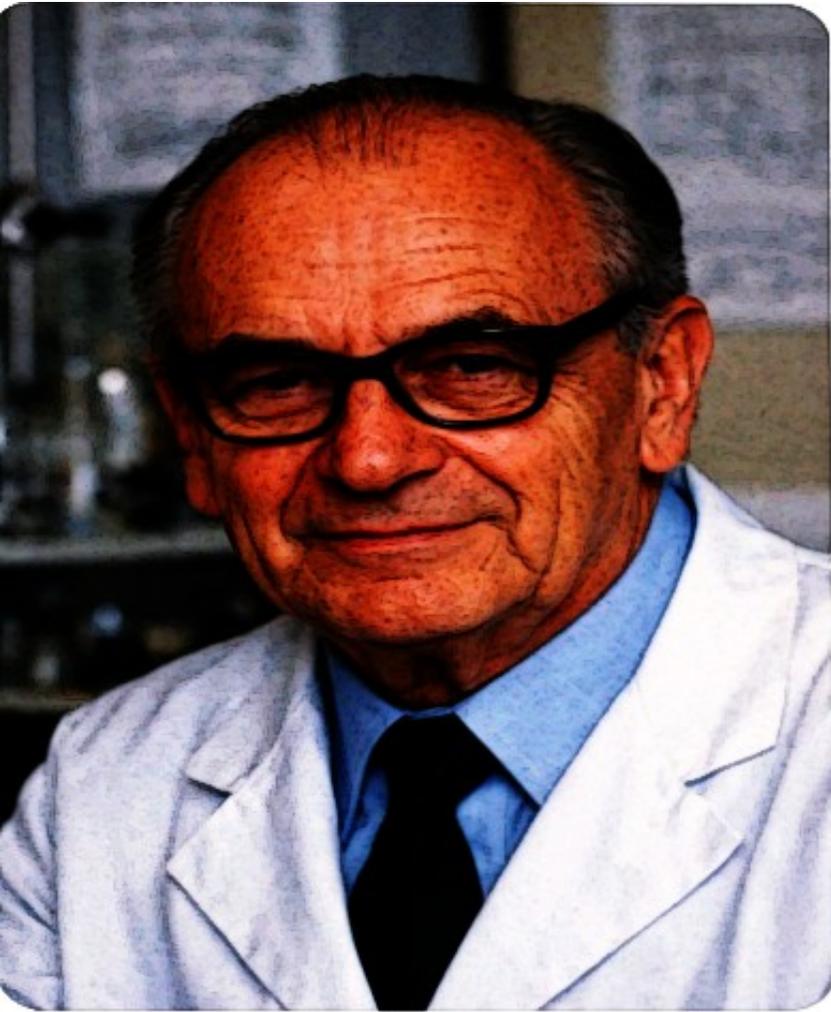




## **History in Nephrology**

***Legends whose contributions inspire us even today!***

***Calcium Channel Blockers (CCB)***



**Dr. Albercht Fleckenstein**

**Father of Calcium Channel Blockers  
(CCB)**

**(1950 – 60s)**

**Smooth muscle and cardiac contraction were found to be calcium dependent**

***Calcium<sup>++</sup> entry through slow channels (later called L-type calcium channels)***

- ***Verapamil***
- ***Diltiazem***
- ***Nifedipine***
- ***Amlodipine***
- ***Felodipine***
- ***Lercanidipine***

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## ***Cilnidipine***

- ***Blocks L-type + N-type Ca channels***

## ***Efinidipine***

- ***Dual L-type + T-type calcium channel blocker***