



IBEC Extra Seminar

Friday, 18 March 2011 | 12:00

■ Elements involved in stimulus-secretion coupling in human chromaffin cells

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Hosted by Pau Gorostiza (Nanoprobes and Nanoswitches group)

Chromaffin cells have been classically employed as models of endocrine cells and neurons due to their specific features regarding excitability and regulated exocytosis of neurohormones. The stimulus-secretion coupling process in chromaffin cells involves different elements (e.g. membrane receptors, voltage-dependent calcium channels) which have been studied with techniques of varied resolution in different animal species. In our research, we employed the “patch-clamp” technique to shed some light on the elements involved in this process in humans.

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