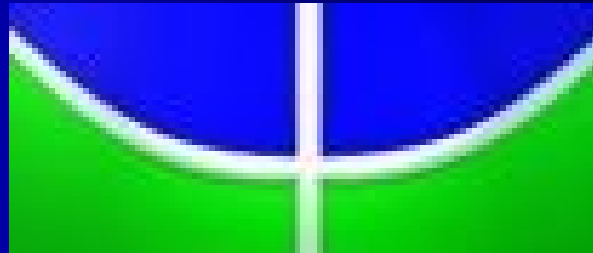


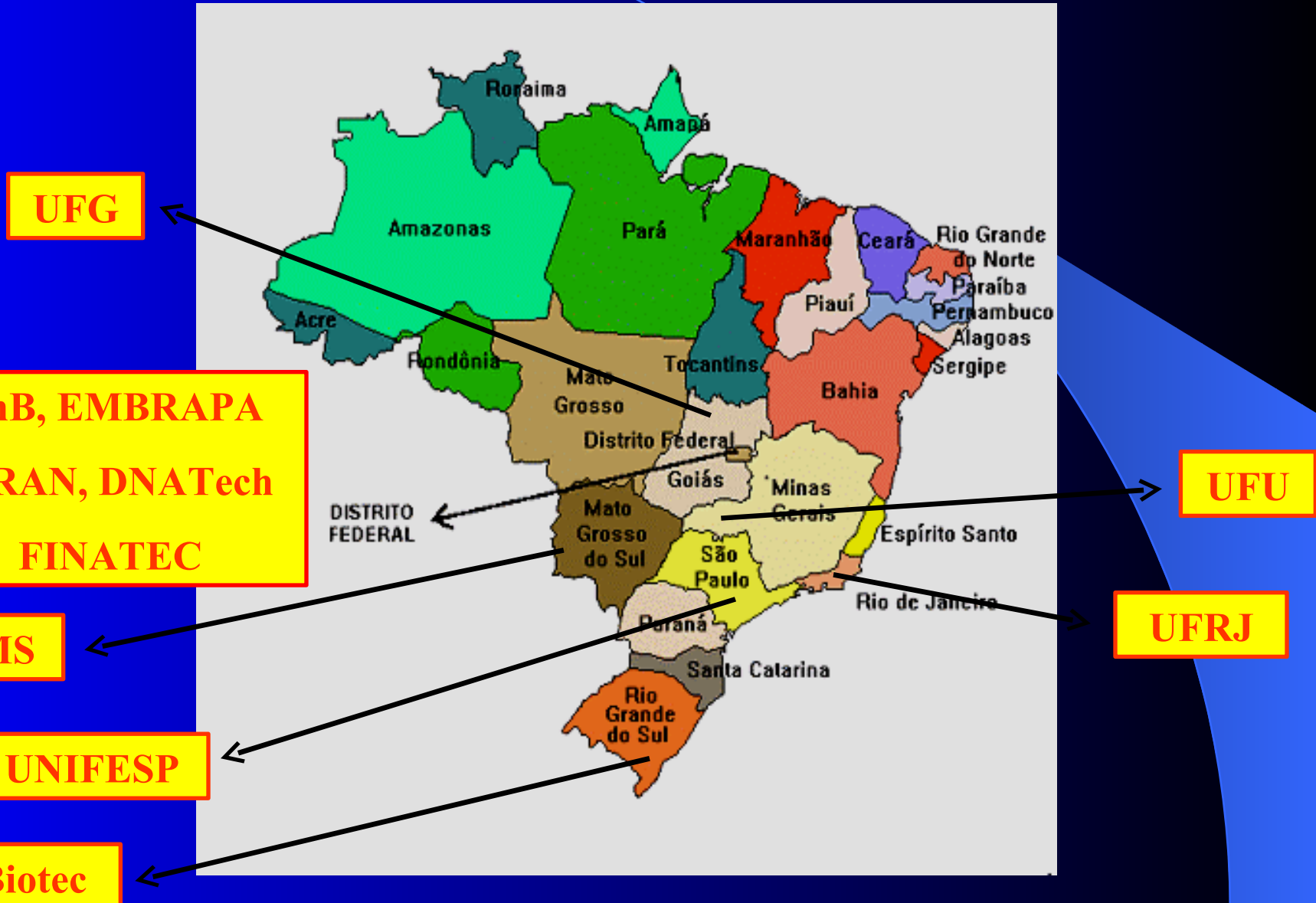
REDE BRASILEIRA DE NANOBIOMAGNETISMO



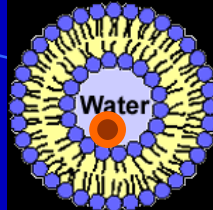
Prof. Ricardo Bentes de Azevedo
Instituto de Ciências Biológicas
Universidade de Brasília

Composição da Rede

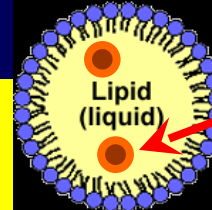
40 Pesquisadores + 120 Alunos



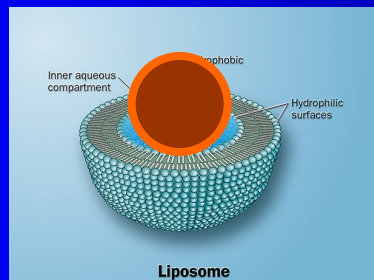
Temática da Rede



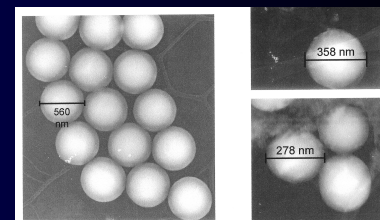
Nanoemulsão
Magnética



$$2 < D < 20 \text{ nm}$$



Magnetolipossoma



Nanocompósito
Magnético

Plataforma
“Nano”
Magnética

Carga
Superficial

Acoplamento
de Droga

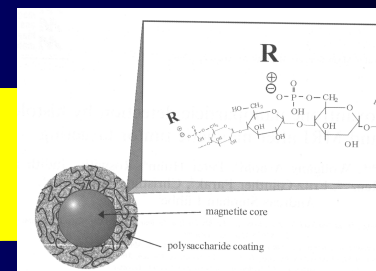
Confinamento
Quântico

Superparamagnetismo

Manipulação
Externa

Magnetohiper
termia

Fluido Magnético
(Biocompatível)



Pré-clínico
Clínico

Câncer da Pele[#]

Anticorpo
Monoclonal

Magnetolipossoma

Equipe

Físicos

Químicos

Biólogos

Engenheiros

Farmacêuticos

Veterinários

Médicos

Compósito Magnético
Biocompatível

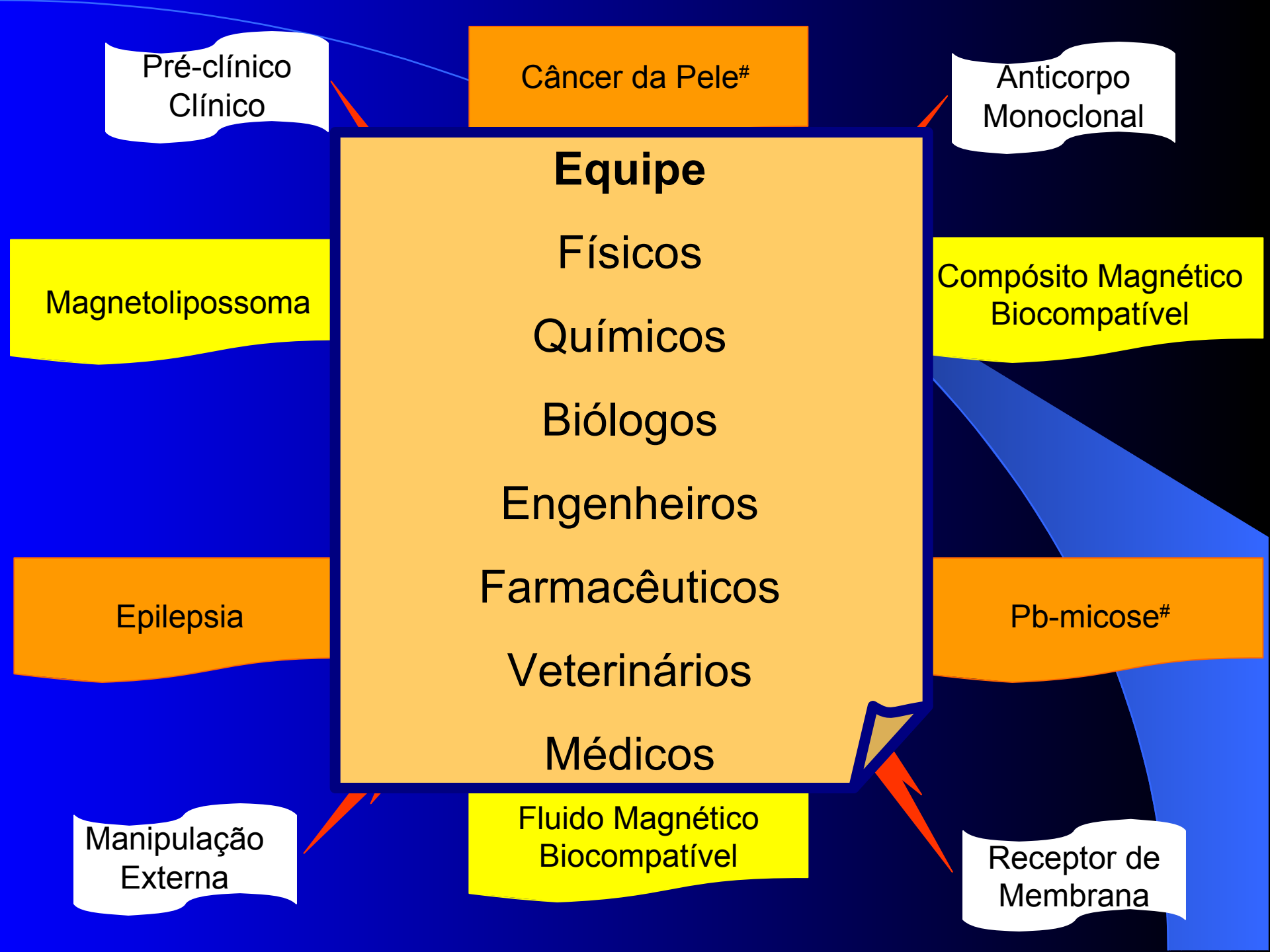
Epilepsia

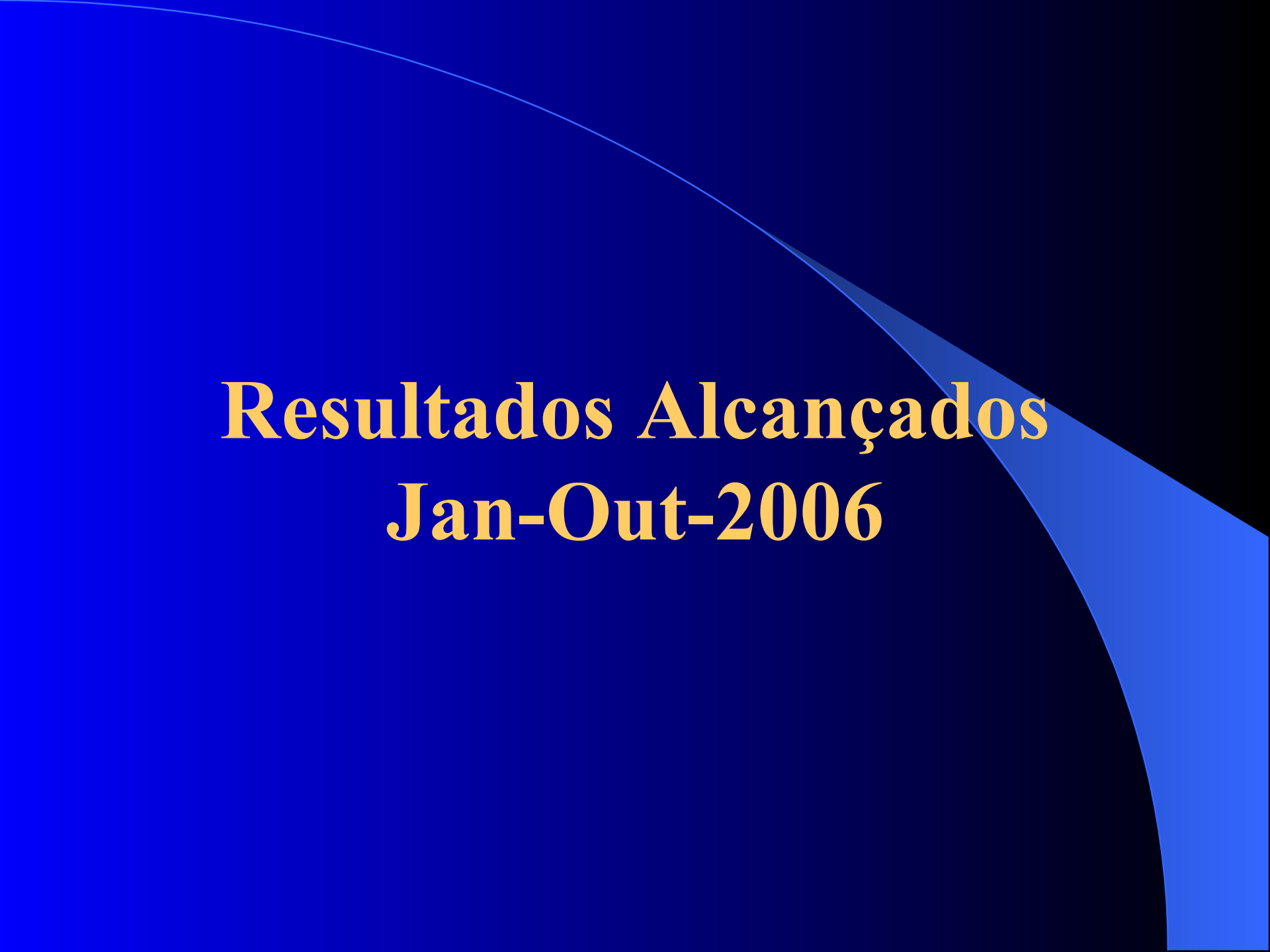
Pb-micose[#]

Manipulação
Externa

Fluido Magnético
Biocompatível

Receptor de
Membrana



The background is a dark blue gradient. A thin, light blue curved line starts from the top left and arcs towards the right side. On the right side, there is a vertical rectangular area with a lighter blue gradient, transitioning from dark blue at the top to a lighter blue at the bottom.

Resultados Alcançados

Jan-Out-2006

Orientação (IC,M,D,PD) e Produção intelectual (Pps,Pats)

