



Gran	ts	
Grants	Number	
National	11	
Provincial	7	
International	2	

Bloelectromagnetics Laboratory, Zhejlang University School of Medicine							
Introduction to BEMS Lab at Zhejiang University							
Publications							
	Publication	Number					
	International Journal	22					
	Domestic Journal	55					
	Books	5					
	Note: the publications during 1994	-2002 were counted in					





























Bloelectromagnetics Laboratory, Zhejiang University School of Medicine						
MFs d	lid not change	e total	expression level of connex	in43		
	Treatment	n	total Cx 43 protein			
	control	4	172.43±23.16			
	ELF	4	155.85 ± 22.51			
	ELF+TPA	4	147.64 ± 21.04			
	TPA	4	144.31 ± 31.26			









Bioelectromagnetics Laboratory, Zhejiang University School of W	tedicine PEMS					
Mechanism of GJIC Inhibition Induced by ELF MFs						
PKC was involved in the GJIC suppression						
Group	DCC (means±SD)					
control	10.01 ± 2.01					
MF (0.8 mT)	4.79 ±1.55 *					
MF (0.8 mT) +STS						
0	5.00 ±1.09					
5	6.93 ±0.73 **					
10	8.71 ±1.07 **					
20	8.13 ± 1.85 **					
* P<0.01 vs. control.						
** P<0.05 vs. DMSO solver	at without STS (staurosporine, a PKC inhibitor)					



























































