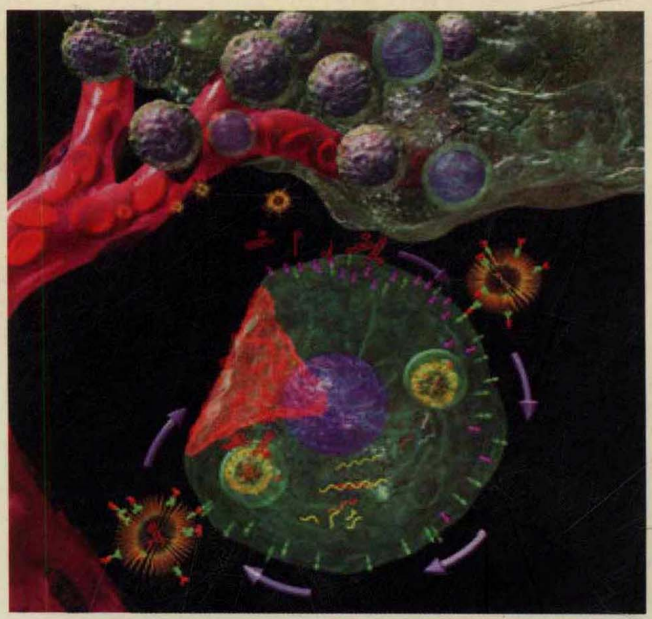
SIPCD 2010

Symposium on Innovative Polymers for Controlled Delivery

ABSTRACT BOOK

EDITORS: Jan Feijen Zhiyuan Zhong



14–17 September 2010
Suzhou • China

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Prof. Dr. Jan Feijen
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Soochow University

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PREFACE

Dear Participant,

We are very happy to welcome you to the first Symposium on Innovative Polymers for Controlled Delivery (**SIPCD 2010**) in Suzhou, China.

Based on the suggestions of the members of the International and Chinese Organizing Committees we have been able to prepare a program in which many aspects of Controlled Delivery are covered:

- Innovative polymers for drug delivery
- Novel hydrogels for protein and cell delivery
- Multifunctional gene delivery systems
- Innovative polymer-based diagnostic systems
- Advanced polymers for tissue engineering

The symposium is organized in one single session, thus offering you the possibility to be present at all invited lectures (31) with ample opportunities to participate in the lively discussions. A very important part of the symposium will be the poster session (182 posters), which will give you an ideal opportunity to learn about the latest developments in various scientific disciplines and to discuss ideas for innovative delivery systems with fellow participants from industry and academia.

Besides abstracts of the invited lectures and poster presentations, this book contains also biosketches of all the invited speakers. In addition, an author index has been added at the end of this book for your convenience.

No such perfect ambiance for this symposium could have been created nor could the special low registration fee for PhD students have been offered, without the enthusiastic cooperation and support of our sponsors (see the back-cover of this book and the SIPCD symposium homepage http://www.sipcd.cn).

As Organizing Committees we have selected a wonderful hotel, a challenging program, a series of very interesting posters, and a vivid social program. Now it is up to you to make this symposium a success by your enthusiastic participation.

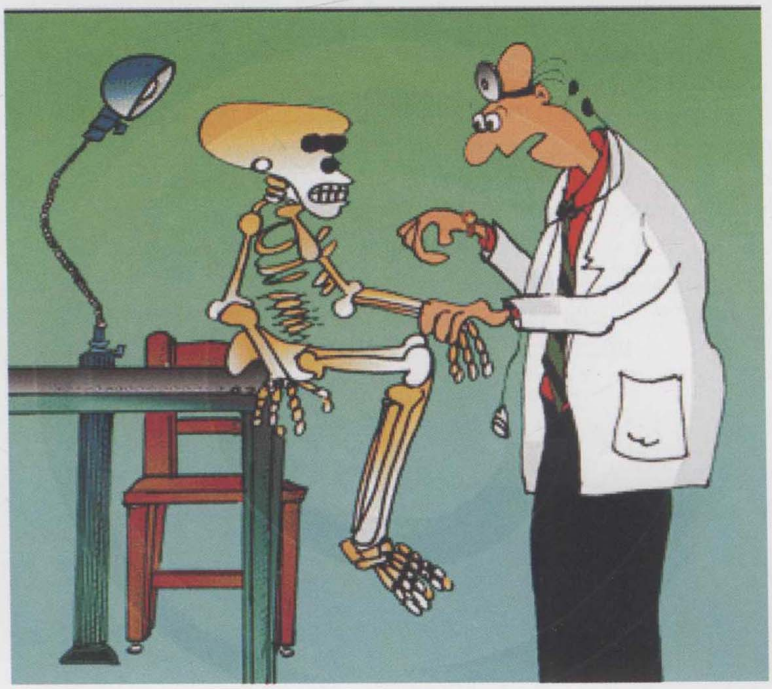
We wish you a very fruitful symposium.

On behalf of the SIPCD 2010 Organizing Committee

Prof. Jan Feijen	Soochow University / University of Twente
Prof. Xiulin Zhu	Soochow University
Prof. Zhiyuan Zhong	Soochow University
Prof. Lijia An	Chinese Academy of Sciences
Prof. Xuesi Chen	Chinese Academy of Sciences
Prof. Renxi Zhuo	Wuhan University

CHAPTER ONE

ABSTRACTS OF INVITED LECTURES AND BIOGRAPHIES OF INVITEES

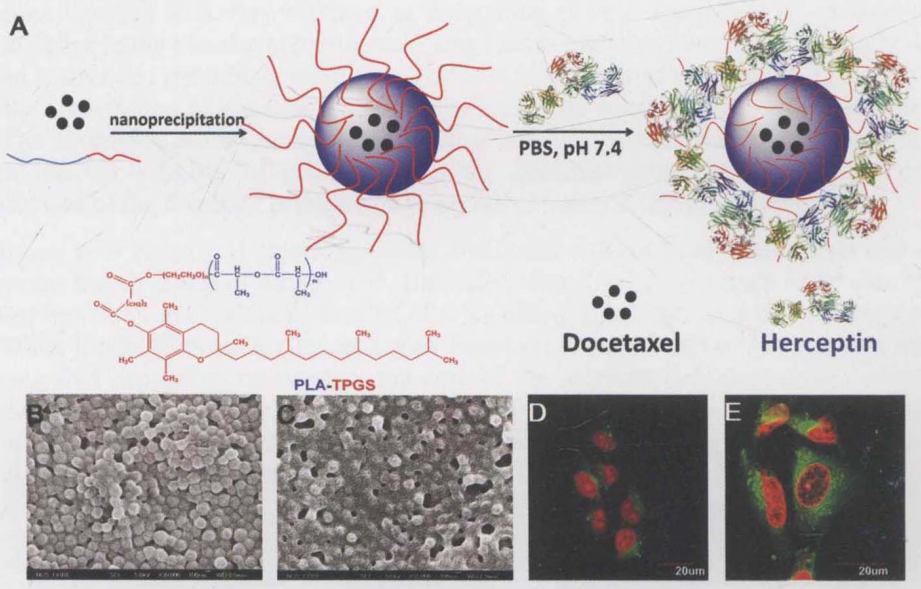


Don't worry. We still have a few more treatment options available.

CHAPTER TWO

ABSTRACTS OF POSTER PRESENTATIONS

DRUG DELIVERY

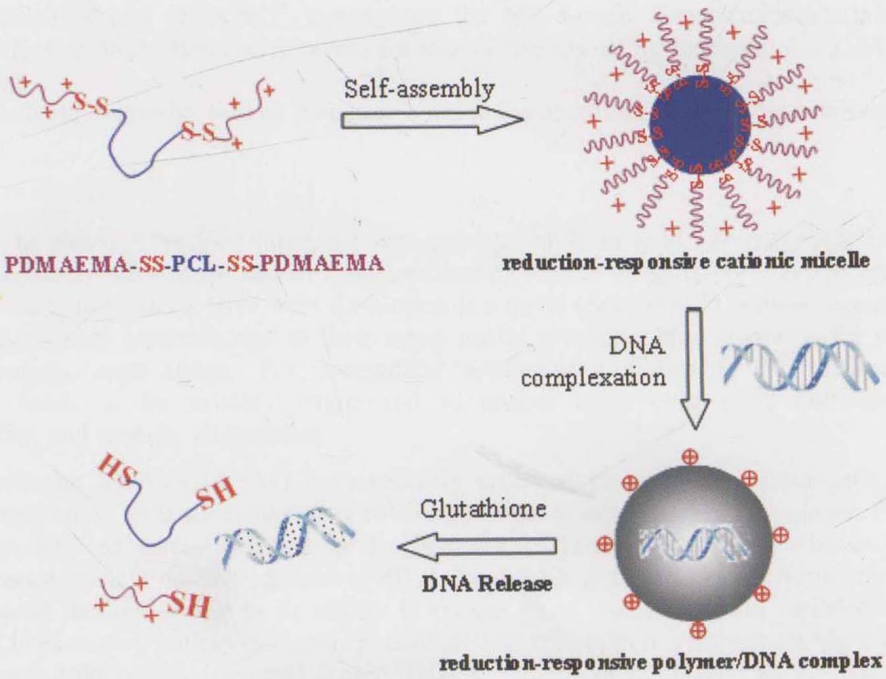


Yutao Liu, et al. The synergistic effect of herceptin and docetaxel in polylactide-D-α- tocopheryl polyethylene glycol succinate nanoparticles.

CHAPTER THREE

ABSTRACTS OF POSTER PRESENTATIONS

GENE & PROTEIN DELIVERY

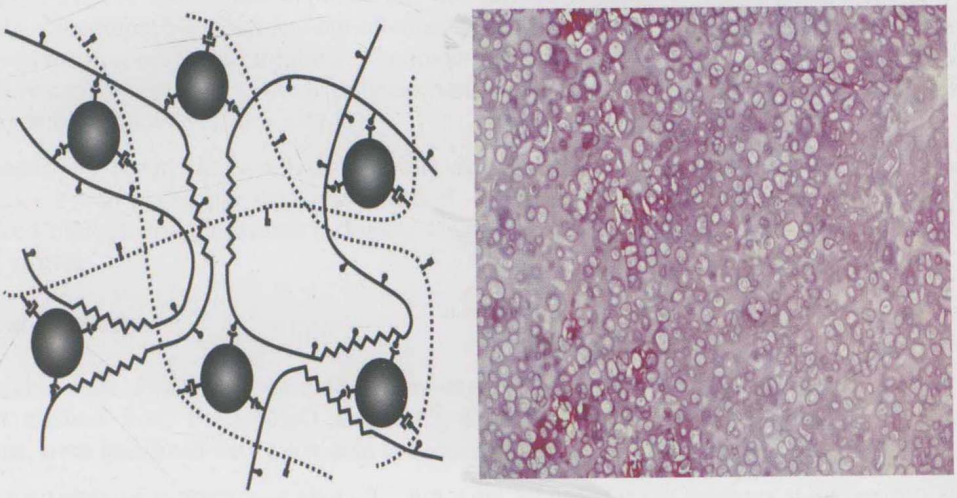


Caihong Zhu, et al. Reduction-responsive cationic biodegradable micelles based on PDMAEMA-SS-PCL-SS-PDMAEMA triblock copolymers for gene delivery.

CHAPTER FOUR

ABSTRACTS OF POSTER PRESENTATIONS

BIOMATERIALS & TISSUE ENGINEERING



Honghyun Park, et al. Alginate/hyaluronate hydrogels for cartilage regeneration.

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