Fifth Symposium on Glycosaminoglycans

Antithrombins: From basic research to clinical application

September 16th-18th, 1996

Villa Vigoni, Loveno (Como) / Italy

Organizers:

Job Harenberg
1st Department of Medicine
Faculty of Clinical Medicine
University of Heidelberg
Theodor-Kutzer-Ufer
68167 Mannheim

Benito Casu Istituto Scientifico di Chimica e Biochimica "G. Ronzoni" Via G. Colombo, 81 20133 Milano

Welcome to Villa Vigoni!

It is the fifth time that the staff of Villa Vigoni hosts our symposium on the action of polysaccharides in molecular biology, pharmacology, vascular endothelium and the relation to arteriosclerosis. Since the knowledge in this field is expanding, the Italian and German colleagues of this research area decided to include a clinical session on the status and perspectives of the clinical application of antithrombins during the meeting.

At the end of each session we have organized round table discussions on selected topics, as outlined in the program. We would like to invite all participants to discuss and comment on these topics. Manuscripts of the presentations may be published in Seminars in Thrombosis and Hemostasis in a separate volume.

Please do not hesitate to contact the organizers of the symposium in the case of difficulties concerning transportation, accommodation or other problems with regard to the symposium.

We thank Professor Lill and his collaborators for enabling this symposium.

Benito Casu

Job Harenberg

Monday, September 16th, 1996

17.00

Discussion

13.00 - 14.00	Lunch in Villa Vigoni	Session I:	Perspectives of thrombin inhibitors, Part II
15.00 - 14.00	Lunch in viiiu vigoni	Chairmen:	K.H. Breddin, Frankfurt
Session I:	Perspectives of thrombin inhibitors, Part I	17.15	H. Baumann, Aachen
Chairmen:	E. Wenzel, Homburg J. Harenberg, Mannheim		Which glycosaminoglycans are suitable for antithrombogenic or athrombogenic coatings of biomaterials
16.00			
	Welcome address	17.45	A. Stemberger, Munich
16.30	Results of the Italian-German collaboration B. Casu, Milano		Antithrombotic surface coating of vascular prosthesis - Basic concepts and results of animal experiments
	19.30	Dinner at Villa Vigoni	

Monday, September 16th, 1996

	Tuesday September 17th, 1996	10.40	Break
Session II:	Analytical methods for thrombin inhibitors,		Tuesday September 17th, 1996
	Part I	Session II:	Analytical methods for thrombin inhibitors, Part II
Chairmen:	B. Casu, Milano		
		Chairmen:	P. Bianchini, Modena
9.00	P. Bianchini, Modena		
	Natural occurrence, species and organ-	11.00	M. Guerrini, Milano
	specific structural characteristics of heparins and their biological role		Synthesis and structural characterization of deuterium and tyramine-labeled heparins and dermatansulfates
9.15	G. Mascellani, Modena		
	Analysis of heparin origin by enzymatic digestion and HPLC quantitation of disaccharide components	11.15	R. Malsch, Mannheim Biochemical and biological activities of tyramine and FITC-labeled heparins and dermatansulfates
9.30	L. Silvestro, Harpstedt		
	Application of mass spectrometry to identify the chemical structure of sulfated oligosaccharides	11.30	L. Piazolo, Mannheim Pharmacokinetics of fluorescent labeled heparins
9.45	G. Torri, Milano	11.45	G.G. Nenci, Perugia
	Sulfation patterns of beef and pig mucosal heparin - NMR studies		Gastro-intestinal absorption of heparins
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12.00

12.30

Discussion

Lunch at Villa Vigoni

16.10.2023, Symposium Villa Vigoni, September 16-18, 1996

cans for structure-activity studies.

Systematically-modified glycosaminogly-

A. Naggi

Discussion

10.00

10.15

Tuesday	September	17th,	1996
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Session III	Biological actions of thrombin inhibitors,	Session III	Biological actions of thrombin inhibitors, Part II
	Part I	Chairmen:	A. Baici, Zürich
Chairmen:	B. Casu, Milano	16.30	D.H.J. Schamhart, Amsterdam
14.30	S. Alban, Regensburg		On the role of proteoglycans and (free) glycosaminoglycans on attachment and
	Biological activities of sulfated glycans		proliferation of prostate cancer cells: Implication for therapy
14.45	S. Johann, Ahrensfelde		-
	Glycosaminoglycans trigger respiratory burst in neutrophils and monocytes	16.45	G. Zoppetti, Milano New data concerning the interaction of heparin like species with HIV
15.00	A. Baici, Zürich	17.00	E. Palazzini, Bologna Preliminary data on clinical efficacy of Desmin
	Interaction of human leukocyte elastase with glycosaminoglycans		in treatment of acute deep venous thrombosis
15.15	G. Huhle, Mannheim	17.15	A. Poggi, St. Maria Imbaro Inhibitory effects of sulfaminoheparan-
	Application of the IgG1 heparin-antibody		sulfate on B16B16 melanoma dissemination in mice
15.30	G. Gambaro, Padova Glycosaminoglycans and growth factors in diabetic nephropathy	17.30	G. Ghiselli, Nerviano Inhibition of smooth muscle cells growth by heparinsulfate
15.45	Discussion	17.45	Discussion
16.00	Break Tuesday September 17th, 1996	19.00	Dinner at Villa Vigoni

Wednesday September 18th, 1996

Wednesday September 18th, 1996

Session IV:	New clinical applications of heparins and hirudins, Part I	Session IV:	New clinical applications of heparins and hirudins, Part II
Chairmen:	G.G. Nenci, Perugia	Chairmen:	J. Fareed, Maywood
9.00	J. Fareed, Chicago Comparative pharmacology of new antithrombin agents	11.00	G. Agnelli, Perugia Critical overview on clinical studies with thrombin inhibitors
9.30	S. Haas, Munich Low molecular weight heparin as reference substance for prophylaxis in high risk	11.15	C. Kirchmeier, Frankfurt Treatment of deep vein thrombosis with low molecular weight heparins
9.50	patients? M. Spannagl, Munich Clotting tests or chromogenic substrate assays	11.30	G. F. Gensini, Florence Recent evidence of the usefulness of antithrombins in IHD
	for specific measurement of thrombin inhibitors?	11.45	G. Belcaro, Pescara Prophylaxis of DVT using high dose LMW heparin
10.05	H. K. Breddin, Frankfurt Results of the PEG-hirudin-aspirin interaction trial	12.00	Discussion
10.25	Discussion	12.30	Lunch at Villa Vigoni
10.45	Break		

General Information

Social Program

Monday, September 16th, 1996

13.00 - 14.00 Lunch in Villa Vigoni 19.30 - 22.00 Dinner in Villa Vigoni

Tuesday, September 17th, 1996

12.30 - 14.00 Lunch in Villa Vigoni 19.00 - 22.00 Dinner in Villa Vigoni

Wednesday, September 18th, 1996

12.30 - 14.00 Lunch in Villa Vigoni

Location of the Symposium:

"Villa Vigoni e.V." Via Giulio Vigoni 1 Loveno di Menaggio I-22017 Menaggio (Como)

Tel.: 0039-344/32155 Fax: 0039-344/32966

Registration: Monday, September 16th, 1996

12.00 - 14.00 Villa Vigoni Deadline for submission of manuscripts according to the guidelines of Seminars in Thrombosis and Hemostasis until October 10th or December 1st 1996

Scientific correspondence:

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