

12 Appendices

A.1 The programme Board

Table A1:1: Programme Board

Name	Present position	Active as Board member
Claes Holmberg*	CEO Biolight AB	1996-end of programme
Gunnar Bjursell	Prof., Department of Cell and Molecular Biology, GU	1996-end of programme
Lennart Hammarström	Prof., Center for Biotechnology, KI	1996-end of programme
Mats Leijon	Prof., Department of Engineering Sciences Division for Electricity and Lightning Research, UU	1996-end of programme
Jan-Anders Månson	Prof., École Polytechnique Fédérale de Lausanne	1996-end of programme
Leif Smeby	VP R&D, Gambro AB	1996-end of programme

* Chairman

The following persons were part of the board during shorter periods in the beginning of the programme: Jan-Eric Sundgren, Chalmers, Britta Wahren, Karolinska Institute and James Aiken, Pharmacia&Upjohn.

Table A1:2: Executive programme management

Bengt Kasemo	Prof. Chemical Physics, Chalmers University of Technology and Göteborg University	1996-end of programme
Lennart Carlsson	MediTeam Dental AB	1996-1998
Staffan Sjödin	ViKan Konsult AB	1998-end of programme

A.2 Activities and responsibilities of the programme Board

The programme Board has had the following responsibilities:

- Review and approve/disapprove project proposals
- Monitor and evaluate the research projects
- Review and, if found necessary, revise the programme strategy
- Approve the programme budget
- Review and approve/disapprove suggestions and proposals from the programme management regarding activities to strengthen and position the programme
- Evaluate the performance of the programme management

The Board established at an early stage a direct contact with the researchers in the projects, by inviting them for presentations at board meetings, and by being present at Project Leaders' meetings.

A.3 Events organised by the programme

- Meeting in Hindås 2000-03-09 to 2000-03-10. All Project Leaders within the Biocompatible Materials, the Molecular Engineering in Polymer Science and the ELIS programmes were invited together with their Ph.D. students.
- Three meetings were held with the Project Leaders of the three programmes: 2000-11-07, 2001-04-19 and 2002-12-02. More meetings were scheduled but were cancelled due to few participants.
- During the period April 2001 – June 2002 a number of industries were visited, with the purpose to expose the two programmes "Biocompatible Materials" and "Molecular Engineering in Polymer Science" to the R&D staffs (see A14).
- From October 2000 until February 2001, a "Patent project" was run. See A14 and A15 for details.

A.4 Researchers

Optimal surface topography for bone anchored implants

Name	Degree	Year of birth	Gender	Position
Ann Wennerberg (Project Leader)	PhD	1955	F	Prof., Dept. Prosthetic Dentistry/ Dental Material Science, GU
Julie Gold	PhD	1963	F	Assoc. prof., Dept. Applied Physics, Chalmers/GU
Dinko Chakarov	PhD	1955	M	Assoc. prof., Dept. Applied Physics, GU
Jan Hall	MSc		M	Nobel Biocare AB
Bo Rangert	PhD		M	Nobel Biocare AB

Tribology of articulating joints

Name	Degree	Year of birth	Gender	Position
Lars Lidgren (Project Leader)	Ph.D.	1943	M	Prof., Dept. Orthopaedics, LU
Magnus Jacobsson (project co-leader)	Ph.D.		M	Astra Tech
Jukka Lausmaa (project co-leader)	Ph.D.	1959	M	Assoc. Prof., Dept. Chemistry and Materials Technology, SP Swedish National Testing & Research Institute, Borås
Tomas Albrektsson	Ph.D.		M	Prof., Dept. Biomaterials/ Handicap Research, GU
Stig Hansson	Ph.D.		M	Astra Tech
Carina Johansson	Ph.D.		F	Researcher, Dept. Biomaterials/ Handicap Research, GU
Lars Karlsson	Ph.D.		M	Dept. Orthopaedic Surgery, GU
Esteban Broitman	Ph.D.		M	Dept. Physics, LiU
Mats Johansson	Ph.D.		M	Dept. Physics, LiU
Lars Hultman	Ph.D.		M	Prof., Dept. Physics, LiU
Ernst Jonsson	Ph.D.		M	Scandimed, Sjöbo, Sweden
Antal Boldizar	Ph.D.	1957	M	Assoc. Prof., Dept. of Materials Science and Engineering
Peter Sjövall	Ph.D.	1961	M	Assoc. Prof., Dept. Chemistry and Materials Technology, SP Swedish National Testing & Research Institute, Borås
Elizabeth Tanner	Ph.D.	1957	F	Prof., Dept. Orthopaedics, LU
Leif Ryd	Ph.D.	1949	M	Assoc. Prof., Dept. Orthopaedics, LU
Søren Toksvig-Larsen	Ph.D.	1952	M	Assoc. Prof., Dept. Orthopaedics, LU
Frans Maurer	Ph.D.	1948	M	Prof., Dept. Polymer Science and Engineering, LU
Bengt Wesslén	Ph.D.	1936	M	Prof. (em), Dept. Polymer Science and Engineering, LU

Screening of tissue integrated materials

Name	Degree	Year of birth	Gender	Position
Ann-Sofie Andersson (Project Leader)	Ph.D.	1968	F	
Duncan Sutherland	Ph.D.	1970	M	Post doc; Dept. Applied Physics, Chalmers/GU
Agneta Richter-Dahlfors	Ph.D.		F	Ass. prof.; Microbiology and Tumour Centre, KI, Stockholm

Name	Degree	Year of birth	Gender	Position
Fredrik Bäckhed	M.Sc.		M;	Ph.D. student; Microbiology and Tumour Centre, KI, Stockholm
Clive Page	Ph.D.		M	Prof.; Div. Pharmacology and Therapeutics, King's College, London
Rebecca Lever	M.Sc.		F	Ph.D. student; Div. Pharmacology and Therapeutics, King's College, London

A systematic approach to improve blood compatibility of biomaterials for cardiovascular applications

Name	Degree	Year of birth	Gender	Position
Rolf Larsson (Project Leader)	Ph.D.	1946	M	Prof., Dept. Clinical Immunology and Transfusion Medicine, UU
Bo Nilsson	Ph.D.	1955	M	Assoc. Prof., Dept. Clinical Immunology and Transfusion Medicine, UU
Anders Larsson	Ph.D.	1955	M	Assoc. Prof., Dept. Clinical Chemistry, UU
Agneta Sieghbahn	Ph.D.	1947	F	Prof., Dept. Clinical Chemistry, UU
Graciela Elgue	Ph.D.	1952	F	Dept. Clinical Immunology and Transfusion Medicine, UU
Kristina Nilsson-Ekdahl	Ph.D.	1958	F	Prof., Clinical Immunology and Transfusion Medicine, UU and Dept. of Chemistry and Biomedical Sciences, University of Kalmar
Ulf Nilsson	Ph.D.	1931	M	Prof. em., Dept. Clinical Immunology and Transfusion Medicine, UU

Time and functionally programmed surfaces

Name	Degree	Year of birth	Gender	Position
Julie Gold (Project Leader)	Ph.D.	1963	F	Assoc. Prof., Dept. Applied Physics, Chalmers/GU
Pentti Tengvall (Project Leader)	Ph.D.		M	Prof. Lab. Applied Physics, IFM, LiU
Ann Wennerberg	Ph.D.	1955	F	Prof. Dept. of Prosthetic Dentistry/ Dental Material Science, GU
Duncan Sutherland	Ph.D.	1970	M	Proj. Leader, Dept. of Applied Physics, Chalmers/GU
Mia Källtorp	Ph.D.		F	Inst. of Anatomy and Cell Biology, GU
Agneta Askendal	Ph.D.		F	Engineer, Lab. of Applied Physics, LiU

Investigations of mussel adhesive proteins for application in biomaterial research and in clinic

Name	Degree	Year of birth	Gender	Position
Hans Elwing	Ph.D.	1946	M	Prof. Interface Biophysics, GU

Supported biomembranes

Name	Degree	Year of birth	Gender	Position
Bengt Kasemo	PhD	1942	M	Prof. Chemical Physics, Chalmers/GU
Vladimir P. Zhdanov	PhD	1952	M	Guest Prof. Chemical Physics, Chalmers/GU
Craig Keller	PhD		M	Post-doc, Chemical Physics, Chalmers/GU
Michael Zäch	PhD	1973	M	Post-doc, Chemical Physics, Chalmers/GU

Neural stem cell culture model

Name	Degree	Year of birth	Gender	Position
Jonathan Kelly	PhD	1973	M	Post doc, Dept of Applied Physics, Chalmers/GU
Duncan Sutherland	PhD	1970	M	Proj. Leader, Dept. of Applied Physics, Chalmers/GU
Ann-Sofie Andersson	PhD	1968	F	Proj. Leader, Dept. of Applied Physics, Chalmers/GU
Julie Gold	PhD	1963	F	Assoc. Prof., Dept. Applied Physics, Chalmers/GU
Johan Gustavsson	MSc	1978	M	Project worker, Dept. Applied Physics, Chalmers/GU

Bone cell culture model

Name	Degree	Year of birth	Gender	Position
Anna Göransson	DDS		F	PhD student
Christina Gretzer	PhD		F	Assistant supervisor
Pentti Tengvall	PhD		M	Prof. Lab. Applied Physics, IFM, LiU
Ann Wennerberg	PhD	1955	F	Prof Dept Prosthetic Dentistry/Dental Material Science

Lotus-leaf effect

Name	Degree	Year of birth	Gender	Position
Dinko Chakarov	PhD	1955	M	Assoc. prof., Dept. Applied Physics, Chalmers/GU
Duncan Sutherland	PhD	1970	M	Proj. Leader, Dept. of Applied Physics, Chalmers/GU
Stanislaw Gubanski	PhD		M	Prof., Dept. of Electric Power Engineering, Chalmers

Theoretical modelling and simulations

Name	Degree	Year of birth	Gender	Position
Vladimir P. Zhdanov	Ph.D.	1952	M	Guest Prof. Chemical Physics, Chalmers/GU

Cell-force sensor

Name	Degree	Year of birth	Gender	Position
Lars Magnus Bjursten	PhD		M	Professor, Lund University, Dept for Medicine, Surgery and Orthopedics
Julie Gold	PhD	1963	F	Assoc. Prof., Dept. Applied Physics, Chalmers/GU
Šarūnas Petronis	PhD	1972	M	Researcher, Dept of Applied Physics, Chalmers/GU
Nina Tymchenko	BSc. Hons.	1977	F	Project worker, Dept. Applied Physics, Chalmers/GU

Neural stem cell differentiation under electrical stimulation

Name	Degree	Year of birth	Gender	Position
Rena Bizios	PhD	1943	F	Professor, Dept of Biomedical Engineering, Rensselaer Polytechnic Institute, NY, USA
Julie Gold	PhD	1963	F	Assoc. Prof., Dept. Applied Physics, Chalmers/GU
Johan Gustavsson	MSc	1978	M	Project worker, Dept. Applied Physics, Chalmers/GU

Probing interactions between phospholipids and phosphatidyl choline containing polymers

Name	Degree	Year of birth	Gender	Position
Julie Gold	PhD	1963	F	Assoc. Prof., Dept. Applied Physics, Chalmers/GU
Jöns Hillborn	PhD		M	Prof, Dept. Materials Chemistry, Uppsala University
Tim Bowden	PhD		M	Research Assist., Dept. Materials Chemistry, Uppsala University
Fredrik Nederberg			M	PhD student, Dept. Materials Chemistry, Uppsala University
Dorota Dahlborg	MSc	1976	F	PhD student, Dept. Applied Physics, Chalmers/GU
Fredrik Höök	PhD	1966	M	Assist. Prof., Dept. Applied Physics, Chalmers/GU

Mucin modification of biomaterials: Biopolymer adsorption kinetics and surface arrangement

Name	Degree	Year of birth	Gender	Position
Karin Caldwell	PhD	1940	F	Prof., Dept. Surface Biotechnology, UU
Tomas Sandberg	MSc	1973	M	PhD student, Dept. Surface Biotechnology, UU
Per Claesson	PhD		M	Prof., Institute for Surface Chemistry
Eva Blomberg	PhD		F	Assist. prof., Institute for Surface Chemistry
Andra Dédinaité	PhD		F	Assist. prof., Institute for Surface Chemistry
Karin Glasmästar	PhD	1971	F	Dept. Applied Physics, Chalmers/GU

TOF-SIMS-analysis of complex surface modifications

Name	Degree	Year of birth	Gender	Position
Helena Franzén	MSc	1977	F	Carmeda AB

QCM-D based characterization of lipid-based sensor templates developed for SPR analysis

Name	Degree	Year of birth	Gender	Position
Stefan Löfås	PhD		M	VP, Chief Scientific Officer, Biacore AB

Preparation, characterization and immune system activation in blood by new conducting electrode materials in pacemaker applications

Name	Degree	Year of birth	Gender	Position
Susanne Nilsson			F	Group manager, St Jude Medical AB
Anna Norlin			F	PhD student

Soft and bone tissue reactions on loaded microimplants with different surface modifications

Name	Degree	Year of birth	Gender	Position
Ann Wennerberg	PhD	1955	F	Prof., Dept. Prosthetic Dentistry/ Dental Material Science, GU
Carl-Johan Ivanoff	PhD LDS		M	Mölndals sjukhus
Lennart Carlsson	MSc		M	Biolin AB

Interaction of antithrombin with different types of heparin surfaces with implications for cellular interactions

Name	Degree	Year of birth	Gender	Position
Rolf Larsson	Ph.D.	1946	M	Prof., Dept. Clinical Immunology and Transfusion Medicine, UU
Kristina Nilsson-Ekdahl	Ph.D.	1958	F	Prof., Clinical Immunology and Transfusion Medicine, UU and Dept. of Chemistry and Biomedical Sciences, University of Kalmar