

## Prof. Dr. med. Anne Angelillo-Scherrer



### Kontakt:

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Spamschutz: Bitte ersetzen Sie (at) durch @

Klinikdirektorin/Chefärztin  
Universitätsklinik für Hämatologie und Hämatologisches  
Zentrallabor  
Stv. Direktorin Department for BioMedical Research  
Präsidentin der Schweizerischen Gesellschaft für Hämatologie  
und des Swiss Oncology Hematology Congress 2023  
Inselspital/Universitätsspital Bern/Universität Bern  
CH-3010 Bern

### Education

1982-1989	Medicine, University of Geneva (UNIGE), Switzerland
1993	MD thesis, University of Lausanne (UNIL), Switzerland (Prof. Fedor Bachmann)
1999	FMH in Internal Medicine and Hematology
2009	Management, Lausanne University Hospital (CHUV), Lausanne, Switzerland

### Employment history

1989-1990	Research assistant, Hematology, UNIL
01/91-09/91	Research assistant, Oncology, UNIGE
10/91-09/92	Resident in Clinical Oncology, Geneva University Hospitals (HUG)
10/92-09/95	Resident in Internal Medicine, HUG
10/95-09/98	Fellow in Clinical Hematology, HUG
10/98-09/00	Post-doctoral fellowship in research (Prof. Peter Carmeliet, Flanders Interuniversity Institute for Biotechnology, KU Leuven, Leuven, Belgium), fellowships awarded from the SNF
10/00-02/05	Deputy Senior Attending Physician, Division of Angiology and Hemostasis (Prof. Henri Bounameaux), HUG Research group leader: Marie-Heim-Voegtlin grant & SCORE (SNF)
2005-2011	SNF professorship (Assistant Professor in Hematology) and Senior Attending Physician, CHUV & UNIL
05/11-07/13	Associate Professor/Senior Attending Physician, Service and Central Laboratory of Hematology, CHUV&UNIL

Since 08/2013 Full Professor of Hematology, Physician-in-Chief/Chairwoman of the Department of Hematology & Central Hematology Laboratory, Inselspital, Bern University Hospital and University of Bern (UNIBE)

2020-2022 Member of the direction of the Bern Center for Precision Medicine

Since 04/2021 Deputy Director of the Department for BioMedical Research, UNIBE

### **Institutional responsibilities**

Physician-in-Chief/Chairwoman of the Department of Hematology & Central Hematology Laboratory (technical and medical responsibility)

Direction of the Department of Hematology & Central Hematology Laboratory, Inselspital and University of Bern (UNIBE) (about 100 collaborators)

Coordination of the research in hematology (11 research groups in 2022), BLOOD Research Program, Department for BioMedical Research, UNIBE & Research group leader Hematology/Department for BioMedical Research, UNIBE

Since 2013 Member of the Medical Faculty, UNIBE

Since 2015 Member of the Strategy and Promotion Committee, Medical Faculty, UNIBE

### **Current major research projects**

(hemostasis/thrombosis/inflammation/erythropoiesis/myeloproliferative neoplasms)

- Nucleic acid products for the inhibition of protein S expression for the treatment of hereditary and acquired bleeding disorders (in collaboration with Silence Therapeutics, Berlin, Germany & London, UK)
- Development of factor XII/XIIa and prekallikrein inhibitors (in collaboration with Prof. Heinis, EPFL, Lausanne)
- Investigation of combined factor XII and Gas6 targeting for effective & safe anticoagulation
- Role of protein S in bone health & remodeling after hemarthrosis in the context of hemophilia A
- Investigation of the in vivo role of Gas6/Axl pathway in Philadelphia-negative myeloproliferative neoplasms
- Investigation of the performance of Gas6 plasma level as predictor of disease severity, thromboembolism occurrence and mortality in patients with COVID-19 (Bern Center for Precision Medicine)
- Investigation of the two-faced Janus role of Gas6 in sepsis / sepsis-induced coagulopathy

### **Supervision of junior researchers/academics at graduate and postgraduate level**

Mentor for four associate professorships, one SNF-professorship (*R. Allam*), one Eccellenza-Grant (*S. Meyer*), six habilitations, two post-doc mobility grants. Supervisor on three PhD theses and three ongoing (*S. Çaku*, *E. Introini*, *M. Tripodo*); three MD theses and four ongoing, eleven master theses, twelve diploma theses of lab technicians.

### **Most important memberships in panels and boards**

Since 2018	Member of the SNF research council, Bern, Switzerland Member of the Senate of the Swiss Academy of Medical Sciences
Since 2019	Member of the National MD-PhD program Expert Committee
Since 2020	SNF: member of the committee “Careers”, panel president Ambizione Life Science PROSPER/SCORE, member of the steering committee Investigator Initiated Clinical Trials (IICT)
Since 2022	President of the Swiss Society of Hematology

### **Congress organization**

2015-2017	Member of the Local Organization Committee of the International Society for Thrombosis and Hemostasis (ISTH) congress 2017 (Berlin, Germany). Scientific program co-chair
2019-2021	Scientific Vice Theme Leader of the Subcommittee on Novel Advances in Molecular Mechanisms and Therapeutics, ISTH Congress 2021, Philadelphia, USA
2023	President of the Swiss Oncology Hematology Congress
2024	President of the Deutsche Gesellschaft für Hämatologie und Medizinische Onkologie Jahrestagung

### **List of publications**

[www.hzl.insel.ch/de/lehre-und-forschung/publikationen](http://www.hzl.insel.ch/de/lehre-und-forschung/publikationen)

### **Recent patents/licences**

02.11.2017 PCT-Patent Application No. PCTEP2017078107: Use of specific siRNA against Protein S for the treatment of haemophilia. Inventors: Angelillo-Scherrer, A. and Prince, R.  
07.05.2019 EPO-Patent Application No. EP19173054.8: Nucleic acids for inhibiting expression of PROS1 in a cell. Inventors: Dames, S.; Schaeper, U.; Prince, R.; Angelillo-Scherrer, A.