

## **Curriculum Vitae**

Name	Andrej Banič
Born	December 5, 1947, Ljubljana, Slovenia
Nationality	Slovene
Mother tongue	Slovene
Fluent in	English, German, French, Italian
Marital status	Wife Martina, Sons Borut and Matjaž, Daughter Stasa
Address at work	Banič Plastische Chirurgie, Bundesgasse 26 CH-3011 Berne, Switzerland

**Education:**

- 1954-62 Elementary School, Ljubljana, Slovenia
- 1962-66 Grammar School, Ljubljana, Slovenia
- 1966-73 Faculty of Medicine, Ljubljana, Slovenia
- 1973 Internship, University Clinical Centre, Ljubljana, Slovenia
- 1980 Board Exam in General Surgery, Department of Surgery, Faculty of Medicine, Ljubljana, Slovenia
- 1990 PhD, Faculty of Health Sciences, Linköping University, Sweden

**Employment:**

- 1974-84 Department of Plastic Surgery and Burns, University of Ljubljana
- 1984-89 Department of Surgery, Faculty of Medicine, Kuwait University as Assistant Professor and Consultant Plastic Surgeon
- 1989-93 Department of Plastic Surgery, Inselspital, Bern as Oberarzt and Deputy head of the Department (Stellvertreter des Chefarztes)
- 1994-1999 Department of Plastic Surgery, Inselspital, University of Bern as leitender Arzt and Deputy head of the Department (Stellvertreter des Chefarztes)
- 2000-2013 University professor and chair of plastic, reconstructive and aesthetic surgery, Faculty of Medicine, University of Berne  
Head of the Department of Plastic Surgery, University hospital Inselspital, University of Bern (Ko-klinikdirektor und Chefarzt)
- Since 2013 Clinic Banic Plastische Chirurgie, Co-owner with my son Borut Banic

### **Professional experiences:**

- 1974-80 Registrar & Sen. Registrar in Plastic Surgery
- 1980 Specialist in Plastic Surgery, University Department for Plastic Surgery and Burns, University Clinical Centre, Ljubljana
- 1984-89 Assistant Professor, Consultant Plastic Surgeon, Department of Surgery, Faculty of Medicine, Kuwait University
- 1984-89 Assistant Professor, Coordinator for Courses in Microsurgery, Faculty of Medicine, Kuwait University
- 1986-89 Assistant Professor, Lecturer for the Final FRCS (Glasgow) Courses in Kuwait
- 1987-89 Assistant Professor, Co-ordinator for Postgraduate Training in Plastic Surgery, Kuwait Institute for Medical Specialisation
- 1989 Oberarzt , Abt. für Plastische und Wiederherstellungschirurgie, Inselspital, Bern
- 1990 Ph D - Doctor of Medical Science in Plastic Surgery, Faculty of Health Sciences, Linköping University, Sweden
- 1993 Venia Docendi (Privat Docent), Faculty of Medicine, University of Bern (Umhabilitation)
- 1997 Professor (Nebenamtliche Extraordinarius), Faculty of Medicine, University of Bern
- 1997 Facharzt FMH für Plastische und Wiederherstellungschirurgie
- 2000 University professor, Faculty of Medicine, University of Bern

**Special fields of Interest:**

Reconstructive surgery, Microsurgery, Hand surgery, Head and neck surgery, Burns

**Professional education abroad:**

- 1977 Canniesburn Hospital, Glasgow, UK, 6<sup>th</sup> International Course in Plastic Surgery
- 1978 University Hospital Uppsala, Sweden, Prof. Gosta Arturson. Study of pathophysiology of burns
- 1981 Plastic Surgery Unit, Köln, Germany, Prof. J. Schrudde. Study of plastic and reconstructive surgery

**Membership in Professional Societies:**

- 1973 Slovenian Medical Association
- 1978 International Society for Burn Injuries
- 1984 Kuwait Medical Association
- 1989 Verband Schweizerischer Assistenz-und Oberärzte
- 1990 European Association of Plastic Surgeons
- 1993 Vereinigung der nebenamtlichen Dozenten der Medizinischen Fakultät Bern  
Vorstandsmidglied 1997-1999
- 1993 DAM-Deutschsprachige Arbeitsgemeinschaft für Mikrochirurgie  
Vorstandsmidglied 1996-2002
- 1994 Schweizerische Gesellschaft für plastisch-rekonstruktive und ästhetische Chirurgie  
Vorstandsmidglied 1996-2006
- 1996 Verbindung der Schweizer Ärzte (FMH)
- 1996 Aerzte Gesellschaft des Kantons Bern
- 1996 Medizinischer Bezirksverein Bern-Stadt
- 2000 World Society for Reconstructive Microsurgery (founding member)

## **Special duties**

EURAPS-European Association of Plastic Surgeons

- Council member and representative of Switzerland
- Treasurer 2002-2009
- President 2011

UEMS-Union Européenne de Médecins Spécialistes

Council member and representative of Switzerland

EBOPRAS-European Board of Plastic and Reconstructive Surgery

- Council member and representative of Switzerland
- Chairman of the Educational Committee 2000-2004
- President 2004-2006
- Vicepresident and Treasurer

DAM-Deutschsprachige Arbeitsgemeinschaft für Mikrochirurgie

Council member and representative of Switzerland

International Video-Journal of Plastic and Aesthetic Surgery

Representative of Switzerland

Swiss Society of Plastic, Reconstructive and Aesthetic Surgery

(Schweizerische Gesellschaft für plastisch-rekonstruktive und ästhetische Chirurgie)

- President 2002-2004
- Council member 1994-2006
- President of the Commission for specialty examinations in plastic surgery (FMH)
- Delegate in KWFB commission of FMH

## **Congress Organisation**

1991 Interdisziplinäres orthopaedisch- und plastisch- chirurgisches Symposium, Bern

1994 New Trends in Plastic Surgery-International Symposium, Bern

1997 Jahreskongress DAM-Deutschsprachige Arbeitsgemeinschaft für Mikrochirurgie, Bern

1997 Neue Aspekte der Melanombehandlung - Interdisziplinäre Fortbildung, Bern

1999 26th Alpine Workshop, Flims

2002 11<sup>th</sup> European Course in Plastic Surgery, Bern

2003 30<sup>th</sup> Alpine Workshop, Flims

2004 40<sup>th</sup> Annual Meeting of SGPRAC

2008 35<sup>th</sup> Alpine Workshop, Grindelwald

2010 19<sup>th</sup> European Course in Plastic Surgery, Bern

2016 40<sup>th</sup> Alpine Workshop, Grindelwald

2017 26<sup>th</sup> European Course in Plastic Surgery, Bern

## Grants:

- 1994 Kredit des Schweizerischen Nationalfonds zur Förderung der wissenschaftlichen Forschung für das Projekt "Microcirculatory blood flow in skeletal muscle and skin during ischemia, hypovolemia and resuscitation." (32-40761.94)  
Sigurdsson G.H., Banic A., Wheatley M.A., Erni D.  
SFr. 188'305
- 1996 Schweizerischer Nationalfonds zur Förderung der wissenschaftlichen Forschung: Forschungsstipendium an D. Erni für Forschungsaufenthalt am Department of Bioengineering, University of California San Diego  
SFr. 50'902
- 1998 Kredit des Schweizerischen Nationalfonds zur Förderung der wissenschaftlichen Forschung für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps." (32-54092.98)  
Erni D, Banic A., Sigurdsson G.H.:  
SFr. 222'750
- 1999 Overheadbeitrag der Universität Bern für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps."  
PD Dr. A. Banic  
SFr. 45'000
- 1999 Grant-in aid des Departements Klinische Forschung der Universität Bern für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps".  
PD Dr. A. Banic.  
SFr. 5'000
- 2000 Zusatzkredit des Schweizerischen Nationalfonds zur Förderung der wissenschaftlichen Forschung für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps." (32-54092.98)  
D. Erni, A. Banic, U. Bösch, A. Tschopp  
SFr. 26'000
- 2001 Kredit des Schweizerischen Nationalfonds zur Förderung der wissenschaftlichen Forschung für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps." (32-65149.01)  
D. Erni, A. Banic, R. Wettstein, Y. Harder  
SFr. 223'179
- 2002 Kredit der Josephine Clark Foundation für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps."  
D. Erni  
SFr. 1'354
- 2003 Extrakredit der Universität Bern für das Projekt "Pathophysiology and treatment of ischemic skin and muscle flaps."

D. Erni, A. Banic  
SFr. 100'100

2004 Nachfolgeprojekt des Schweizerischen Nationalfonds zur Förderung der wissenschaftlichen Forschung für das Projekt "Pathophysiology, Prevention, and Treatment of Critical Muscle and Skin Ischemia"  
Y. Harder, D. Erni, R. Wettstein, J. Plock  
SFr. 260'000

2005 Grant from Novartis Stiftung für medizinisch-biologische Project title: "Insulin induced, localized in-vivo lipohypertrophy for treatment of contour deformities"  
M. A. Constantinescu, A. Banic, P. Diem  
Sfr. 59'699

SNF-Grant nr. 310000-108447  
Project title: "Effects of intraluminal, transmural, laser soldered microvascular anastomoses on vascular tissues and patency rates"  
A. Banic, M. A. Constantinescu, M. Frenz  
Sfr. 117'641

2008 SUVA Fonds  
Die Extrakorporale Extremitätenperfusion als Gliedmassenerhaltende Massnahme bei Replantation nach Traumatischer Amputation  
M. A. Constantinescu, E. Vögelin  
SFR 138'000



## Original articles

1. Banic A., A. Antolic:  
Standardisation of disc diffusion method for testing the susceptibility of staphylococcus aureus to methicillin  
*Med Razgl 2: 115-129, 1970*
2. Banic A.:  
Evaluation of radioactive resection of thireotocsic goiter  
*Med Razgl 12: 375-385, 1973*
3. Banic A.:  
Basic principles of surgical treatment of burns in children  
*Zbornik Radova 490-492, 1979*
4. Godina M., J. Bajec, A. Banic, M.Kersnic:  
Replantation of fingers and hands  
*Med Razgl 18: 65-74, 1979*
5. Bajec J., M. Godina, A. Banic, M. Kersnic:  
Our experiences in finger and hand replantations  
*Zbornik predavanj XV podiplomskega tečaja iz kirurgije, 83-90, 1979*
6. Brcic A., A. Banic:  
Advantages of early tangential excision in burns  
*Plast Chir 4:179-190, 1980*
7. Banic A., K. Wulff:  
Latissimus dorsi free flaps for total repair of extensive lower leg injuries in children  
*Plast Reconstr Surg 79: 769-775, 1987*
8. Banic A., P. Phillips:  
Microsurgical courses in Kuwait  
*J Kuw Med Assoc 22: 83-85, 1988*
9. Banic A., K. Kouris, N.M. Al-Ghussain, D.H. Lewis:  
Radionuclide methodology for the assessment of the microcirculation in island pedicle flaps in a sheep model  
*Nucl Med Commun 10: 827-839, 1989*
10. Banic A., U. Nilsson, I. Francis:  
Magnification angiography and histology for the evaluation of microsurgical anastomosis  
*Microsurgery 11: 102-107, 1990*
11. Banic A., I Francis, U. Nilsson:  
Comparative study of the use of 9-0 PDS and 9-0 prolene in microvascular anastomosis  
*J Reconstr Microsurg 6: 293-297, 1990*

12. Banic A., K. Kouris, D.H. Lewis, J.T. Christenson:  
The effect of temperature on skin perfusion in a cutaneous flap model  
*Surg Res Commun* 8: 203-214, 1990
13. Banic A., K. Kouris, N. Rajacic, M. Nazzal, O. Thulesius:  
Increased flap viability after treatment with forskolin or with ridogrel, a thromboxane synthesis inhibitor and receptor blocker  
*Res Exp Med* 190: 223-227, 1990
14. Banic A.:  
Assessment and improvement of the microcirculation in arterial skin flaps. The use of laser Doppler flowmetry and radionuclide methodology for the evaluation and ridogrel or forskolin for the improvement of the microcirculation in arterial skin flaps.  
*Linköping University Medical Dissertations No. 315, 1990*
15. Banic A., K. Kouris, D.H. Lewis:  
Evaluation of the microcirculation in a sheep island pedicle flap model with a laser Doppler flowmeter (LDF) and <sup>99m</sup>Tc labelled red blood cells (RBCs)  
*J Reconstr Microsurg* 6: 345-351, 1990
16. Banic A., K. Kouris, N. Rajacic, M. Nazzal, N.M. Al-Ghussain, O. Thulesius:  
Effect of ridogrel, a thromboxane receptor blocker and synthesis inhibitor on plasma and red blood cell flow in an arterial skin flap in sheep  
*Scand J Plast Reconstr Hand Surg* 25: 9-14, 1991
17. Banic A., K. Kouris, D.H. Lewis:  
Evaluation of red blood cell and plasma flow and volume by the use of dynamic dual static acquisition radionuclide technique in arterial flaps in sheep  
*Nucl Med Commun* 12: 1025-1030, 1991
18. Banic A., K. Kouris, D.H. Lewis:  
Evaluation of red blood cell and plasma flow immediately, 3 hours and 48 hours after flap elevation  
*Surg Res Commun* 12: 147-155, 1992
19. Banic A., D. Geiser, M. Wanner, S.E. Larsen:  
Doppler duplex for the evaluation of the degree of stenosis in carotid arteries in the rat  
*J Reconstr Microsurg*, 9: 237-243, 1993
20. Sigurdsson G.H., H. A. F. Youssef, A. Banic:  
Effects of ketoprofen on respiratory and circulatory changes in endotoxic shock  
*Intensive Care Med*, 19: 333-339, 1993
21. Banic A., G. H. Sigurdsson, A. M. Wheatley :  
Influence of age on the cardiovascular response during graded haemorrhage in anaesthetised rats  
*Res Exp Med*, 193: 315-321, 1993

22. Banic A., R. Hertel:  
Double vascularized fibula for reconstruction of large tibial defects  
*J Reconstr Microsurg*, 9: 421-428, 1993
23. Sigurdsson G.H., A. Banic, A. M. Wheatley, D. Mettler:  
Effects of halothane and isoflurane anaesthesia on microvascular blood flow in musculo-cutaneous flaps  
*Brit J Anaesth*: 73: 826-832, 1994
24. Banic A., W. Boeckx, M. Greulich, P. Guelickx, A. Marchi, G. Rigotti, H. Tschopp:  
Late results of breast reconstruction with free TRAM Flaps. A prospective multi-center study  
*Plast Reconstr Surg*, 95: 1195-1204, 1995
25. Erni D., A. Banic, A. M. Wheatley, G. H. Sigurdsson:  
Haemorrhage during anaesthesia and surgery: Continuous measurement of microcirculatory blood flow in the kidney, liver, skin and skeletal muscle  
*Europ J Anaesth*: 12; 423-429, 1995
26. Banic A., G. H. Sigurdsson, A. M. Wheatley:  
Continuous perioperative monitoring of microcirculatory blood flow in pectoralis musculo-cutaneous flaps  
*Microsurgery*: 16: 469-475, 1995
27. Banic A., H.-B. Ris, Erni D., H. Striffeler:  
Free latissimus dorsi flap for chest wall repair after complete resection of infected sternum  
*Ann Thorac Surg*: 60: 1028-1032, 1995
28. Sigurdsson G.H., A. Banic, J.T. Christenson:  
Microcirculation in the gastrointestinal tract  
*Dig Surg*: 13; 250-254, 1996
29. Ris H.-B., A. Banic, M. Furrer, D. Caversaccio, A. Cerny, P. Zbären:  
Descending necrotizing mediastinitis: radical debridement by the use of Clamshell approach  
*Ann Thorac Surg* 62; 1650-1654, 1996
30. Erni D., A. Banic, G. H. Sigurdsson:  
A dynamic study of the circulation in the gracilis muscle in humans  
*J Reconstr Microsurg*: 12; 515-519, 1996
31. Banic A., V. Krejci, D. Erni, S. Petersen-Felix, G.H. Sigurdsson:  
Effect of extradural anaesthesia on the blood perfusion of free latissimus dorsi flaps in pigs  
*Plast Reconstr Surg*, 100; 945-955, Discussion 100, 1997

32. Erni D., A. Banic , G. H. Sigurdsson, A. M. Wheatley:  
Relationship between arterial pressure and blood flow in the generation of slow wave flow motion in rat skeletal muscle  
*Int J Microcirc: 17; 175-183, 1997*
  
33. Kuznetsova L. D., N. Tomasek, G.H. Sigurdsson, A. Banic, D. Erni, A. M. Wheatley:  
Dissociation between volume blood flow and laser-Doppler signal from rat muscle during changes in vascular tone  
*Am J Physiol 274 (Heart Circ Physiol 43): H1248-H1254, 1998*
  
34. Banic A., V. Krejci, D. Erni, A. M. Wheatley, G. H. Sigurdsson:  
Effects of sodium nitroprusside and phenylephrine on blood flow in free musculocutaneous flaps in pigs under general anesthesia.  
*Anesthesiology 90; 147-55, 1999*
  
35. Erni D., O. Lieger, A. Banic:  
Comparative objective and subjective analysis of temporalis tendon and microneurovascular transfer for facial reanimation  
*Brit J Plast Surg 52; 167-172, 1999*
  
36. Erni D., A. Banic:  
Körperformung durch Entfernung von Haut und Fettgewebe  
(Body-contouring by removal of abundant fat and skin tissue)  
*Therap Umschau 56; 206-211, 1999*
  
37. Bösch U, Banic A  
Die chirurgische Behandlung des malignen Melanoms  
(Surgical treatment of malignant melanoma).  
*Therap. Umschau 56: 318-323, 1999*
  
38. Erni D., G. H. Sigurdsson, C. Signer, A. Banic:  
Effects of epidural anaesthesia on microcirculatory blood flow in free flaps in patients under general anaesthesia  
*Europ J Anaesthesiology 16; 692-698, 1999*
  
39. Erni D., H. Sakai, A. Banic, H. Tschopp, M. Intaglietta:  
Quantitative assessment of microhemodynamics in ischemic skin flap tissue by intravital microscopy  
*Ann Plast Surg, 43; 405-415, 1999*
  
40. Erni D., G. H. Sigurdsson, A. Banic, A. M. Wheatley:  
Regular slow wave flow motion in skeletal muscle is not determined by nitric oxide and endothelin  
*Microvasc Res 58; 167-176, 1999*
  
41. Erni D., H. Sakai, A.G. Tsai, A. Banic, G. H. Sigurdsson, M. Intaglietta:

- Haemodynamics and oxygen tension in the microcirculation of ischemic skin flaps after neural blockade and haemodilution  
*Br J Plast Surg* 52; 565-572, 1999
42. Krejci V., L. Hildebrand, A. Banic, D. Erni, A. M. Wheatley, G. H. Sigurdsson:  
Continuous measurement of microcirculatory blood flow in the gastrointestinal organs during acute haemorrhage  
*Br J Anaesth* 84; 468-475, 2000
  43. Wettstein R., R. Wessendorf, A. Sckell, M. Leunig, A. Banic, D. Erni:  
The effect of pedicle artery vasospasm on microhemodynamics in anatomically perfused and extended skin flap tissue  
*Annals Plast Surg* 45; 155-161, 2000
  44. Hildebrand L. B., D. Erni, V. Krejci, A. Banic, A. M. Wheatley, G. H. Sigurdsson  
Dynamic study of the distribution of microcirculatory blood flow in multiple splanchnic organs in septic shock  
*Critical Care Medicine* 28; 3233-3241, 2000
  45. Widmer M. K., T. Krueger, D. Lardinois, A. Banic, H.-B. Ris  
A comparative study of intrathoracic latissimus dorsi and serratus anterior muscle transposition  
*Europ J Cardio-Thoracic Surg*, 18; 435-439, 2000
  46. Lardinois D., M. Müller, M. Furrer, A. Banic, M. Gugger, H.-B. Ris:  
Function assessment of chest wall integrity after methylmethacrylate reconstruction  
*Ann Thorac Surg*; 69: 919-923, 2000
  47. Erni D., R. Wessendorf, R. Wettstein, M.K. Schilling, A. Banic:  
Endothelin receptor blockade improves oxygenation in contralateral TRAM flap tissue in pigs  
*Brit J Plast Surg*; 54, 412-418, 2001
  48. Ott B., B.J. Züger, D. Erni, A. Banic, T. Schaffner, H.P. Weber, M. Frenz:  
Comparative in vitro study of tissue welding using a 808 nm diode laser and HO:YAG laser  
*Laser Med Sci* 16; 260-266, 2001
  49. Anderson S.E., Schwab C., Staufer E., Banic A., Steinbach L.S.:  
Hibernoma: imaging characteristics of a rare soft tissue tumor  
*Skeletal Radiol*; 30(10): 590-595, 2001
  50. Schramm S., R. Wettstein, R. Wessendorf, S.M. Jakob, A. Banic, D. Erni:  
Normovolemic hemodilution improves oxygenation in ischemic flap tissue in a porcine model  
*Anesthesiology*; 96: 1478-1484, 2002

51. Wettstein R., D. Erni, P. Berdat, D. Rothenfluh, A. Banic  
Radical sternectomy and primary musculocutaneous flap reconstruction to control sternal osteitis  
*J Thorac cardiovasc Surg* 123; 1185-1190, 2002
52. Blumenthal R., A. Banic, C.U. Brand, H.B. Ris, D. Lardinois  
Morbidity and outcome after sentinel lymph node dissection in patients with early-stage malignant cutaneous melanoma  
*Swiss Surg*, 8; 209-214, 2002
53. Harder Y., D. Erni, A. Banic  
Squamous cell carcinoma of the penile skin in a neovagina 20 years after male-to-female reassignment  
*Brit J Plast Surg*; 55, 449-451, 2002
54. Erni D., R. Wettstein, S. Schramm, C. Contaldo, H. Sakai, S. Takeoka, E. Tschuchida, M. Leunig, A. Banic:  
Normovolemic hemodilution with HB vesicles solution attenuates hypoxia in ischemic hamster flap tissue  
*Am J Physiol Heart Circ Physiol* 284; H1702-H1709, 2003
55. Hildebrand L.B., V. Krejci, M.E.tenHoevel, A. Banic, G.H. Sigurdsson  
Redistribution of microcirculatory blood flow within the intestinal wall during sepsis and general anesthesia.  
*Anesthesiology* 98; 658-669, 2003
56. Gmur R.G., A. Banic, D. Erni  
Is it safe to combine abdominoplasty with other dermolipectomy procedures to correct skin excess after weight loss?  
*Ann Plast Surg*, 51;353-357, 2003
57. Contaldo C., S. Schramm, R. Wettstein, H. Sakai, S. Takeoka, E. Tsuchida, M. Leunig, A. Banic, D. Erni  
Improved oxygenation in ischemic hamster flap tissue is correlated with increasing hemodilution with Hb vesicles and their O2 affinity  
*Am J Physiol Heart Circ Physiol* 285; H1140-1147, 2003
58. Harder Y., C. Contaldo, J. Klenk, A. Banic, SM. Jakob, D. Erni  
Improved skin flap survival after local heat preconditioning in pigs  
*J Surg Res* 119; 100-105, 2004
59. Ott B, Constantinescu MA, Erni D, Banic A, Schaffner T, Frenz M  
Intraluminal laser light source and external solder: In vivo evaluation of a new technique for microvascular anastomosis.  
*Lasers Surg Med* 35: 312-6, 2004
60. Anderson S.E., K.T. Beer, A. Banic, L.S.Steinbach, M. Martin, E.E. Friedrich, E. Staufer, P.Vock, R. Greiner

- MRI of Merkel cell carcinoma: histologic correlation and review of the literature.  
AJR: 185, December 2005
61. Contaldo C, Plock J, Djonov V, Leunig M, Banic A, Erni D  
The influence of trauma and ischemia on carbohydrate metabolites monitored in hamster flap tissue.  
Anesth Analg 100: 817-22, 2005
  62. Contaldo C, Plock J, Sakai H, Takeoka S, Tsuchida E, Leunig M, Banic A, Erni D  
New generation of hemoglobin-based oxygen carriers evaluated for oxygenation of critically ischemic hamster flap tissue.  
Crit Care Med 33: 806-12, 2005
  63. Harder Y, Contaldo C, Klenk J, Banic A, Jakob SM, Erni D  
Preconditioning with Monophosphoryl Lipid A improves survival of critically ischemic tissue.  
Anesth Analg 100: 1786-92, 2005
  64. Plock J, Contaldo C, Sakai H, Tsuchida E, Leunig M, Banic A, Menger MD, Erni D  
Is hemoglobin in hemoglobin vesicles infused for isovolemic hemodilution necessary to improve oxygenation in critically ischemic hamster skin?  
Am J Physiol 289: H2624-31, 2005
  65. Harder Y, Amon M, Schramm R, Georgi M, Banic A, Erni D, Menger MD  
Heat shock preconditioning reduces ischemic tissue necrosis by heat shock protein (HSP)-32-mediated improvement of the microcirculation rather than induction of ischemic tolerance.  
Ann Surg 242: 869-78, 2005
  66. Harder Y, Amon M, Georgi M, Banic A, Erni D, Menger MD  
Evolution of a "falx lunatica" in the demarcation of critically ischemic myocutaneous tissue.  
Am J Physiol 288: H1224-32, 2005
  67. Tarantino I, Banic A, Fischer T.  
Evaluation of late results in breast reconstruction by latissimus dorsi flap and prosthesis implantation.  
Plast Reconstr Surg 117(5):1387-94, 2006
  68. Hallermann W., S. Olsen, T. Bardyn, F. Taghizadeh, A. Banic, T. Iizuka:  
A new method for computer-aided operation planning for extensive mandibular reconstruction.  
Plast Reconstr Surg 117(7): 2431-2437, 2006
  69. Nicolai J.-P. A., A. Banic, G. Molea, R. Mazzola, J.G. Poëll  
Architecture of European Plastic Surgery  
J Plast Recon Aesthetic Surg 59: 1345-1347, 2006

70. Handschin A.E., D. Bietry, R. Hüsler, A. Banic, M. Constantinescu  
Surgical management of gynecomastia-a 10 year analysis  
World J Surg, Volume 32, Number 1 / January, 2008
71. De Kerviler S., R. Hüsler, A. Banic and M. A. Constantinescu  
Body Contouring Surgery Following Bariatric Surgery and Dietetically Induced Massive Weight Reduction: A Risk Analysis  
Obes Surg, 0960-8923 (Print) 1708-0428 (Online), DOI 10.1007/s11695-008-9659-8
72. Hüsler R, Schlittler FL, Kreutziger J, Streit M, Banic A., Schöni-Affolter F, Hunger RE, Constantinescu MA.  
Staged surgical therapy of basal cell carcinoma of the head and neck region: an evaluation of 500 procedures  
Swiss Med Wkly. 2008;138(49-50):746-751
73. Alfieri A, Bregy A, Constantinescu M, Stuker F, Schaffner T, Frenz M, Banic A, Reinert M.  
Tight contact technique during side-to-side laser tissue soldering of rabbit aortas improves tensile strength.  
Acta Neurochir Suppl. 2008;103:87-92
74. Kiermeir D, Banič A, Rösler K, Erni D.  
Sciatic neuropathy after body contouring surgery in massive weight loss patients.  
J Plast Reconstr Aesthet Surg. 2009 Aug 22. [Epub ahead of print] PMID: 19703796
75. de Kerviler S, Hüsler R, Banic A, Constantinescu MA.  
Body Contouring Surgery Following Bariatric Surgery and Dietetically Induced Massive Weight Reduction: A Risk Analysis.  
Obes Surg.2009 May; 19(5):553-9
76. Schlosser S, Spanholtz T, Merz K, Dennler C, Banic A, Erni D, Plock JA  
The choice of anesthesia influences oxidative energy metabolism and tissue survival in critically ischemic murine skin  
J Surg Res 2009, Epub
77. Plock JA, Rafatmehr N, Sinovic D, Schnider J, Sakai H, Tsuchida E, Banic A, Erni D  
Hemoglobin vesicles improve wound healing and tissue survival in critically ischemic skin in mice  
Am J Physiol 297: H905-10, 2009
78. Wirth R, Banic A, Erni D  
Aesthetic outcome and oncological safety of nipple-areola complex replantation after mastectomy and immediate breast reconstruction.  
J Plast Reconstr Aesth Surg 2009, Epub

## **Book Contribution**



1. Banic A.:  
Mammarekonstruktion mit freier TRAM-Lappenplastik  
Contribution in: Plastische Chirurgie, Klinik und Praxis, S. Krupp,  
VI-4.3.1, 1-11, Ecomed 1996
2. Banic A., D. Erni:  
Prinzipien der Tumorchirurgie  
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Prof. Andrej Banic, MD, PhD

Bern, August 5 2018

