

CURRICULUM VITAE



1. Personal Data

PD Dr med Elisabeth Artemis Kappos, FMH(Plast), Fellow of EBOPRAS
Swiss, Greek, German
German (mother tongue), English (professional), French (spoken: professional), Spanish (basic), Greek (basic)

2. Employment history

2019-current	Senior Consultant, Department of Plastic, Reconstructive, Aesthetic and Handsurgery, University Hospital Basel and Kantonsspital Baselland, CH
2023-current	Director of Clinical Research, Department of Plastic, Reconstructive, Aesthetic and Handsurgery, University Hospital Basel, CH
2021-current	Research group leader Department of Clinical Research, University of Basel, CH
2016-current	Director of lymphedema program, University Hospital Basel, CH
2016-2019	Consultant Breast Center and Department of Plastic, Reconstructive, Aesthetic and Handsurgery, University Hospital Basel & Kantonsspital Baselland, CH
2016	Burn Fellowship, Pediatric Plastic Surgery Fellowship, Aesthetic Fellowship University of Edinburgh, Scotland (Drs Stewart and Quaba)
2015	Lymphatic and Breast Surgery Fellowship, UZ Brussels, Belgium (Prof Hamdi)
2015	Aesthetic and Craniofacial Fellowship, UCSF, San Francisco, USA (Prof Toth)
2014- 2015	Reconstructive Microsurgery Fellowship, Toronto, Canada (Profs Hofer&Zhong)
2012	Research Fellowship, Tissue Engineering, University Hospital Basel, CH (Prof Kalbermatten)
2010-2014	Residency Reconstructive, Plastic& Aesthetic Surgery, St Gallen and Basel, CH (Prof Grünert & Prof Schaefer)
2008- 2009	Residency General Surgery & Intensive Care, Triemli Hospital Zurich, CH (Prof Metzger & Prof Trentz)

3. Education

2020- 2022	Certificate of Advanced Studies Leadership in Health Care, University of Basel
April 2019	Habilitation (Venia docendi/ Privatdozentin), University of Basel, CH
June 2015	Microsurgical Fellow, University of Toronto, Canada
April 2014	FMH Plastic, Reconstructive and Aesthetic Surgery
Nov 2013	Fellow European Board of Plastic, Reconstructive and Aesthetic Surgery
April 2011	ECFMG Board Certification, Philadelphia USA
April 2008	Medical Doctor (Dr.med.), University of Zurich, Prof A. Fontana
Oct 2007	Medical School graduation, University of Zurich, CH
April-Jul 2006	Scholarship Mount Sinai Medical Center, NY, USA (honours)
Jan-Mar 2006	Scholarship Duke Medical Center, NC, USA (honours)

4. Clinical Activities

Director Surgical Lymphedema Program University Hospital Basel, CH

Core Member Breast Center, CH

Senior Consultant Plastic and Reconstructive Surgery, University Hospital Basel and Kantonsspital Baselland, Bruderholz

5. Supervision of junior researchers at graduate and postgraduate level

2023-current	Alzbeta Vaclavkova, Master student
2022-current	Selina Diethelm, Doctoral student
2022-current	Olivia Williams, Master student
2021-current	Benedikt Kaiser, Research fellow
2019-current	Raban Heller, Paul Wagner: Research fellows
2022-current	Severin Wendelspiess: doctoral student
2022-current	Julia Stoffel: Research fellow
2021-current	Julian Güterman: doctoral student
2021-current	Vanessa Müller: master student
2020-2023	Tristan Handschin, MD Thesis: Combining reconstructive and ablative surgical treatment of chronic breast cancer-related lymphedema (BCRL): safe and effective
2019-2022	Rahel Nussbaumer/ Nadia Maggi: The effect of neoadjuvant treatment on postoperative complications after breast cancer surgery
2019-2021	Daniel Steffens, MD Thesis: The novel double S technique to achieve aesthetic flat closure after conventional mastectomy (published)
2019-2021	Lea Zehnpfennig. Time to woundhealing does not impact patient satisfaction in immediate breast reconstruction (published)
2019-2021	Barbara Ling-Wettstein, MD Thesis. Comparing different surgical approaches in immediate oncoplastic breast reconstruction (published)
2019-2020	Kaya Lauber, Master student. A novel patient brochure in breast reconstruction
2019-2020	Muriel Meyer, Master student. CTA as risk assessment tool in microsurgical breast reconstruction (published)
2016-2018	Patricia Sieber. Epineural adipose-derived stem cell injection in a sciatic rodent model (published)
2015-2017	Patricia E Engels, MD Thesis. Peripheral Nerve Repair: Multimodal comparison of the long-term regenerative potential of adipose tissue-derived cells in a biodegradable conduit (published)
2012-2014	Moritz Meyer zu Schwabedissen, MD Thesis. The regeneration potential after human and autologous stem cell transplantation in a rat sciatic nerve injury model can be monitored by MRI (published)

6. Teaching

2020-current	Lectures on breast reconstruction and lymphedema surgery, Specialized oncology nursing training Switzerland (Onkologiepflege Schweiz)
2019-2021	Lectures on reconstructive surgery faculty of Phil I, University of Zurich, CH
2019-current	Inter-professional teaching for osteopaths on reconstructive breast surgery and treatment of surgical scars
2019-2021	Development of educational videos and manuscripts on reconstructive breast surgery for physiotherapists, University of Basel, CH
2016-current	Inter-professional teaching for nursing staff on different (micro) surgical topics Invited lectures and panel chairs at various national and international conferences and university departments: Inselspital Bern, University Hospital Basel, Deutscher Gynäkologen Kongress, Deutscher Senologen Kongress, Deutscher Kongress für Plastische, Rekonstruktive, Aesthetische Chirurgie, Oesterreichischer Kongress für Plastische, Rekonstruktive und Aesthetische Chirurgie, Schweizer Kongress für Senologie, Oesterreichischer Kongress für Senologie, Swiss Society of Plastic, Reconstructive and Aesthetic surgery, Deutsche Arbeitsgemeinschaft für Mikrochirurgie
2016-current	Weekly clinical teaching with plastic surgery residents and junior attendants

2016-current "OSCE Examinations", "Basics of Wound Closure", "Lernen am Projekt Seminar", Lecture "the painful Breast", Course: "Basics of Microsurgery", Course "Disinfection and Hygiene in the operating room", "Reconstructive Surgery for Residents: case discussions", "Introduction to Breast Reconstruction for Nursing Staff", "Introduction to Microsurgery for Nursing Staff", "Development of Treatment standards for postoperative Care of microsurgical patients", Tissue Engineering for the Master of Biomedical Engineering. App 240 h/year

7. Memberships in panels, boards, scientific societies and renowned academies

Swiss Association of Plastic, Reconstructive and Aesthetic Surgery (SGPRAEC)
 American Society of Plastic Surgeons (ASPS)
 American Society of Reconstructive Microsurgery (ASRM),
 Basel Breast Consortium (BBC): **Steering Committee Member**
 Oncoplastic Breast Consortium
 Swiss Society of Senology **Advisory Board Member, Delegate of the SGRPAC**
 Swiss Society for Women in Senology
 Deutsche Arbeitsgemeinschaft für Mikrochirurgie (DAM)
 Swiss Group for Clinical Cancer Research (SAKK), **Scientific Committee Member**
 Rising Tide Foundation, Scientific Reviewer
Steering Committee Health Economics Facility, University of Basel, CH
 Rising Tide Foundation, Scientific Reviewer
 Fellow of EBOPRAS (European Board of Plastic, Reconstructive and Aesthetic Surgery)
 Swiss Association of Medical Doctors (FMH)
Microsurgical Fellow and Alumni, University of Toronto
 Delegate of the SGPRAEC to the board for Certification of swiss Breast Centers

8. Faculty positions

2021-current Co-Director of the mentoring program of the medical faculty Basel, University of Basel, CH
 2021-current Commission member in different search committees for full professorships at the Medical Faculty of the University of Basel, CH (Oncology, Neuroorthopaedics, Pathology, Cardiology)
 2021-current Diversity committee of the medical faculty, University of Basel, CH

Total Research Funds secured (Awards, Grants, Scholarships, Fellowships): 3'963'776 CHF

9. Awards

Total sum awarded: 818'500 CHF

2023 Alumni Award: 5'000 CHF
 Medical Faculty, University of Basel, CH
 2022 Jubilee Award Rising Tide/ Swiss Cancer Foundation: 800'000 CHF
 2021 Hologic Science Award: 2'000 CHF
 Swiss Society of Senology annual meeting (last author)
 Basel, CH
 2021 Pro Senologia Award: 2'000 CHF
 Swiss Society of Senology, Basel, CH (last author)
 2020 Junior Award Swiss Society of Senology: 2'000 CHF
 Luzern, CH (last author)
 2019 Hans Anderl Award 1'500 CHF
 European Association of Plastic, Reconstructive and Aesthetic Surgery, Helsinki, Finland (FIN)
 2019 Teacher of the Year Award, University Hospital Basel, CH
 2017 Teacher of the Year Award, University Hospital Basel, CH
 2016 Teacher of the Year Award, University Hospital Basel, CH
 2016 Felix Harder Award for best clinical scientific presentation, (1'000 CHF), Basel Breast Consortium

2016	Best publication, Swiss Society of Plastic, Reconstructive and Aesthetic Surgery, Lausanne
2016	EURAPS Young Plastic Surgeon Scholarship Award, (<u>1'500 CHF</u>), Brussels, BE
2015	Research Scholarship 2015, (<u>1'500 CHF</u>) Swiss Society of Plastic, Reconstructive, and Aesthetic Surgery, Thun, CH
2014	Best paper European Plastic Surgery Research Council, Ischia, Italy (IT)
2013	Best scientific presentation, (<u>1'000 CHF</u>), Swiss Society of Plastic, Reconstructive and Aesthetic Surgery, Lugano, CH
2013	Best publication 2013 (<u>1'000 CHF</u>), Swiss Society of Plastic, Reconstructive and Aesthetic Surgery, Lugano CH
2013	Best paper presentation European Plastic Surgery Research Council, Hamburg, Germany (DE)

10. Grants

Competitive Funds Secured 3'396'760CHF

2022-2028	SNF IICT call: <u>2.056'076 Mio CHF</u> Surgical versus Conservative Complex Physical Decongestion Therapy (CDT) for Chronic Breast Cancer-Related Lymphedema (BCRL): A Pragmatic, Randomized, Multicenter Superiority Trial (Main applicant)
2022-2027	Jubilee Award Rising Tide and Swiss Cancer Research Foundation: <u>800'000 CHF</u> The LYMPH Trial (Main applicant)
2020-2022	Freiwillige Akademische Gesellschaft Basel: <u>20'000 CHF</u> The Basel Lymphedema Protocol (Main applicant)
2020-2030	Basel Cancer League: <u>80'000 CHF</u> Sub-analysis OPBC-2 PREPEC Trial (Main applicant)
2020-2030	Swiss Cancer League: <u>300'300 CHF</u> Sub-analysis OPBC-2 PREPEC Trial (Co-applicant)
2017-2020	Basel Breast Center Database, Personalized Breast Reconstruction: <u>30'000 CHF</u> Research grant by the "Freiwillige Akademische Gesellschaft" Basel, CH (Main applicant)
2013- 2014	Research grant by the "Freiwillige Akademische Gesellschaft" <u>50'000 CHF</u> Basel, CH (Main applicant)
2012-2016	Research grant by the "Forschungsförderungsfonds for academic high potentials": <u>60'000 CHF</u> , University of Basel , CH (Main applicant)

Non-Competitive Funds Secured 200'000 CHF

2023	Breast Reconstruction Awareness (BRA) Day (lead organizer): Annual, non-profit event, to raise awareness on breast reconstruction
2022	BRA Day: Basel, CH
2019	BRA Day: Basel, CH
2018	BRA Day: Basel, CH
2017	BRA Day: Basel, CH
2016	BRA Day: Basel, CH

11. Scholarships/ Fellowships

Total sum awarded 349'200 CHF

2020-2021	Antelope Program , competitive university program for academic high potentials: <u>4'200 CHF</u>
2016	Craniofacial, Burns, Aesthetic Fellowship: <u>30'000 CHF</u> University of Edinburgh, Scotland
2014-2016	Scholarship University of Basel Basel, CH: <u>100'000 CHF</u>
2015	Lymphatic & Oncoplastic Surgery Fellowship: <u>20'000 CHF</u> UZ Brussels, B

2015	Aesthetic & Craniofacial Fellowship: <u>30'000 CHF</u> UCSF, San Francisco, USA
2014 – 2015	Reconstructive Microsurgery Fellowship: <u>60'000 CHF</u> Toronto, CA
2012-2013	Research fellowship, Tissue engineering, University of Basel, CH: <u>100'000 CHF</u>
2005-2006	International Scholarship of the Medical Faculty of the University of Zurich: <u>5'000 CHF</u> Duke Medical School and Mount Sinai Medical Center NYC, USA

12. Current research projects (limited to ongoing)

Clinical Research:

The LYMPH Study: Surgical versus conservative complex physical decongestion therapy (CDT) for chronic breast cancer-related lymphedema (BCRL): a pragmatic, randomized, multicenter superiority trial. **PI**. Swiss National Science Foundation, Rising Tide Foundation & Stiftung Krebsforschung Schweiz. Investigator Initiated Clinical Trials (IICT), 2022-2032

The Basel Lymphedema protocol: Development of a treatment algorithm for surgical treatment of lymphedema: international multicenter retrospective cohort study. **PI**

The importance of PROMs in perineal reconstruction: Development of a treatment algorithm for vaginal/perineal reconstruction. **PI**

Prospective clinical multicenter study of the profunda artery perforator flap for vaginal/perineal reconstruction. **PI**

Comparison of patient reported outcomes between different breast reduction techniques. **PI**

Translational Research:

Decoding signals that trigger malignant transformation in breast tissue. Group Leader: Prof M Bentires-Alj,

Tissue Engineering: Group Leader: Prof A Scherberich (Basel): Regenerative potential of fat stem cells in the formation of different tissue matrices.

Prevention of skin cancer by topic application of different agents. Collaboration with Dr. Elisabeth Roeder, Dermatology, USB

Human epidermal organoids, a reproducible culture system recapitulating the epidermis. Collaboration with Prof. A. Navarini, Dermatology Basel

Tumor heterogeneity mediates acquired resistance to adoptive T cell therapy and immune evasion in melanoma. Collaboration with Proff. H. Läubli and F. Zippelius, Oncology, Basel

Outcomes of perioperative myocardial infarction/injury after non-cardiac surgery Collaboration with Prof Ch Müller, Kardiology, Basel

13. Institutional Responsibilities

Since 2023	Official representative of the SGPRAEC in the Commission for Certification of Swiss Breast Centers
2021-current	Official representative of the SGPRAEC (Swiss Society of Plastic, Reconstructive and Aesthetic Surgery) in the Swiss Society of Senology
2021-current	Co-Director Mentoring Program, Medical Faculty, University of Basel, CH
2022-current	Director Clinical Research Department of Plastic, Reconstructive, Aesthetic and Hand

	surgery, University Hospital Basel, CH
2021-current	Steering Committee Member, Basel Breast Consortium (BBC)
2021-current	Election Committee member in search committees for full professorships at the Medical Faculty, University of Basel: Oncology, Neuroorthopedics, Pathology, Cardiology
2021-current	Diversity committee of the medical faculty, University of Basel, CH
2016-current	Clinical Lead Plastic Reconstructive Surgery, Kantonale Hospital Baselland, CH
2016-current	Core Member Breast Center, University Hospital Basel, CH
2017-2019	Core Member Center for Skin Malignancies, University Hospital Basel, CH
2016-current	Director Surgical Lymphedema Clinic, University Hospital of Basel, CH
2016-current	Steering Committee Member of the "Departmental Conference" (DEKO) of the Department of Surgery
2012-current	Clinical Lead "Lernen am Projekt", 1st year medical students University of Basel, CH

14. Organization of conferences

2021-current	Annual National Congress of the Swiss Society of Senology
2017-current	Annual Conference of the Basel Breast Consortium
2016-current	Annual BRA Day
2021	Surgical Research Day

15. Scientific Conference Chair & Invited Lecturer (selected lectures, only last 5 years)

National

2023	Invited chair, Day of clinical research, University Hospital Basel, CH
2023	Invited Lecture MedArt Basel, CH
2023	Invited Lecture, Senioren Uni, University of Basel, CH
2023	Keynote Lecture Research month, Medical students, University of Basel, CH
2023	Chair, moderator and lecture at BRA Day
2023	Invited chair and lecture at the Swiss Senology Congress, Zurich, CH
2022	Chair and moderator at BRA Day, Basel, CH
2022	Invited lecture on lymphatic reconstruction, Inselspital Bern, CH
2022	Invited lecture on the LYMPH Trial, Gala in Pink, Bethanien Hospital, Zurich, CH
2022	Invited chair and two poster presentations, Annual Meeting Swiss Society of Plastic, Reconstructive, and Aesthetic Surgery, Bern, CH
2021	Invited chair and two poster presentations, SGPRAEC Swiss Senology Congress
2020	Chair and Invited lecture BRA Day
	Invited lecture Swiss Senology Congress, Lucerne, CH
2019	Invited lecture Swiss Senology Congress, Sursee, CH

International

2023	Invited lecture, World Society of Reconstructive Microsurgery, Singapore
2022	Two invited lectures, European Association of Plastic Surgeons (EURAPS) Research Council, Naples, IT
2022	Invited lecture at Austrian and Swiss International meeting of Senology, Innsbruck, Austria
2022	Invited lecture on breast reconstruction at German National Society of Gynaecology, Munich, DE
2021	Two invited lectures (virtual), European Society of Plastic, Reconstructive, Aesthetic Surgery, (EURAPS), Annual Meeting Research Council
2021	Invited lecture on breast reconstruction failures, German society of Senology, Stuttgart, DE
2020	Invited lecture and Panel-member on senology, German-Austrian Congress for Plastic, Reconstructive, Aesthetic Surgery, Graz, Austria
2019	Two invited lectures, EURAPS Research Council, Helsinki, FIN
2018	Invited lecture, EURAPS Research Council, Madrid, Spain

16. Scientific reviewing, Editor activities

Nature Scientific Reports
PloS ONE

Journal of Plastic Reconstructive, Aesthetic Surgery
Plastic, Reconstructive, Aesthetic Surgery Open
European Surgical Research
Journal of Personalised Medicine
Minerva Chirurgica
Gland Surgery
International Journal of Surgery
Journal of Clinical and Cellular Immunology
Journal of Clinical and Experimental Dermatology
Case Studies in Plastic Surgery and Hand Surgery
World Journal of Surgical Oncology
Plastic Reconstructive Surgery
Therapeutics and Clinical Risk Management
Swiss Medical Weekly
Journal of Clinical Medicine
New Insights & Perspectives in Stem Cells

17. Research output / publications from the last 5 years and most significant publications

Agarwal R, Contassot E, Dittmar T, Beer H-D, Kunz M, Mueller S, **Kappos EA**, Navarini A. Human epidermis organotypic cultures, a reproducible system recapitulating the epidermis in vitro. *Journal of Experimental Dermatology*, accepted April 2023

Nussbaumer RL, Maggi N, Castrezana L, Zehnpfennig L, Schwab FD, Krol J, Oberhauser I, Weber WP, Kurzeder C, Haug MD, **Kappos EA**. The impact of neoadjuvant systemic treatment on postoperative complications in breast cancer surgery. *Breast Cancer Res Treat.* 2023 Jan;197(2):333-341. doi:10.1007/s10549-022-06811-0. Epub 2022 Nov 20. PMID: 36403182; PMCID: PMC9823081.

Puelacher C, Gualandro DM, Glarner N, Lurati Buse G, Lampart A, Bolliger D, Steiner LA, Grossenbacher M, Burri-Winkler K, Gerhard H, **Kappos EA**, Clerc O, Biner L, Zivzivadze Z, Kindler C, Hammerer-Lercher A, Filipovic M, Clauss M, Gürke L, Wolff T, Mujagic E, Bilici M, Cardozo FA, Oswald S, Caramelli B, Mueller C; BASEL-PMI Investigators. Long-term outcomes of perioperative myocardial infarction/injury after non-cardiac surgery. *Eur Heart J.* 2023 Jan 27;ehac798. doi: 10.1093/eurheartj/ehac798. Epub ahead of print. PMID: 36705050.

Ghazaleh AA, Handschin TM, Buckowiecki J, Chammartin FS, Andree C, Schaefer DJ, Haug M, **Kappos EA**, Seidenstuecker K. Combining reconstructive and ablative surgical treatment of chronic breast cancer-related lymphedema (BCRL): safe and effective. *Breast Cancer Res Treat.* 2023 Jan;197(1):83-92. doi: 10.1007/s10549-022-06778-y. Epub 2022 Oct 26. PMID: 36287309; PMCID: PMC9823021.

Zehnpfennig L, Ritter M, Montagna G, Handschin TM, Ling BM, Oberhauser I, Lévy J, Schaefer KM, Maggi N, Soysal SD, Castrezana López L, Müller MM, Schwab FD, Haug M, Weber WP, Kurzeder C, **Kappos EA**. The impact of delayed wound healing on patient-reported outcomes after breast cancer surgery. *J Plast Reconstr Aesthet Surg.* 2022 Nov;75(11):4125-4132. doi: 10.1016/j.bjps.2022.06.106. Epub 2022 Jul 20. PMID: 36153297.

Schaefer KM, **Kappos EA**, Haug M, Schaefer DJ. Erratum: Brustrekonstruktion – der Einfluss des Verfahrens auf die Lebensqualität. *Handchir Mikrochir Plast Chir.* 2022 Jul 26. German. doi: 10.1055/a-1905-6662. Epub ahead of print. Erratum for: *Handchir Mikrochir Plast Chir.* 2022 Jul 04; PMID: 35882261.

Schaefer KM, **Kappos EA**, Haug M, Schaefer DJ. Brustrekonstruktion – der Einfluss des Verfahrens auf die Lebensqualität. *Handchir Mikrochir Plast Chir.* 2022 Aug;54(4):349-355. German. doi: 10.1055/a-1846-1308. Epub 2022 Jul 4. Erratum in: *Handchir Mikrochir Plast Chir.* 2022 Jul 26; PMID: 35785807.

Ritter M, Oberhauser I, Montagna G, Zehnpfennig L, Schaefer K, Ling BM, Levy J, Soysal SD, Müller M, López LC, Schwab FD, Kurzeder C, Haug M, **Kappos EA**, Weber WP. Comparison of patient-reported outcomes among different types of oncoplastic breast surgery procedures. *J Plast Reconstr Aesthet Surg.* 2022 Sep;75(9):3068-3077. doi: 10.1016/j.bjps.2022.04.051. Epub 2022 Apr 28. PMID: 35732566.

Weber WP, Shaw J, Pusic A, Wyld L, Morrow M, King T, Mátrai Z, Heil J, Fitzal F, Potter S, Rubio IT, Cardoso MJ, Gentilini OD, Galimberti V, Sacchini V, Rutgers EJT, Benson J, Allweis TM, Haug M, Paulinelli RR, Kovacs T, Harder Y, Gulluoglu BM, Gonzalez E, Faridi A, Elder E, Dubsky P, Blohmer JU, Bjelic- Radisic V, Barry M, Hay SD, Bowles K, French J, Reitsamer R, Koller R, Schrenk P, Kauer-Dorner D, Biazus J, Brenelli F, Letzkus J, Saccilotto R, Joukainen S, Kauhanen S, Karhunen-Enckell U, Hoffmann J, Kneser U, Kühn T, Kontos M, Tampaki EC, Carmon M, Hadar T, Catanuto G, Garcia-Etienne CA, Koppert L, Gouveia PF, Lagergren J, Svensjö T, Maggi N, **Kappos EA**, Schwab FD, Castrezana L, Steffens D, Krol J, Tausch C, Günthert A, Knauer M, Katapodi MC, Bucher S, Hauser N, Kurzeder C, Mucklow R, Tsoutsou PG, Sezer A, Çakmak GK, Karanlik H, Fairbrother P, Romics L, Montagna G, Urban C, Walker M, Formenti SC, Gruber G, Zimmermann F, Zwahlen DR, Kuemmel S, El-Tamer M, Vrancken Peeters MJ, Kaidar-Person O, Gnant M, Poortmans P, de Boniface J. Oncoplastic breast consortium recommendations for mastectomy and whole breast reconstruction in the setting of post-mastectomy radiation therapy. *Breast.* 2022 Jun; 63:123-139. doi: 10.1016/j.breast.2022.03.008. Epub 2022 Mar 18. PMID: 35366506; PMCID: PMC8976143.

Steffens D, **Kappos EA**, Lunger A, Schwab FD, Zehnpfennig L, Weber WP, Haug M, Heinzelmann-Schwarz V, Kurzeder C. The double S technique to achieve aesthetic flat closure after conventional mastectomy. *World J Surg Oncol.* 2022 Feb 21; 20(1):42. doi: 10.1186/s12957-

022-02515-3. PMID: 35189907; PMCID: PMC8862225.

Oberhauser I, Zeindler J, Ritter M, Levy J, Montagna G, Mechera R, Soysal SD, Castrezana López L, D'Amico V, **Kappos EA**, Schwab FD, Müller M, Kurzeder C, Haug M, Weber WP. Impact of Oncoplastic Breast Surgery on Rate of Complications, Time to Adjuvant Treatment, and Risk of Recurrence. *Breast Care (Basel)*. 2021 Oct; 16(5):452-460. doi: 10.1159/000511728. Epub 2020 Nov 25. PMID: 34720804; PMCID: PMC8543287.

Kappos EA, Schulz A, Regan MM, Moffa G, Harder Y, Ribi K, Potter S, Pusic AL, Fehr MK, Hemkens LG, Holzbach T, Farhadi J, Simonson C, Knauer M, Verstappen R, Bucher HC, Zwahlen D, Zimmermann F, Schwenkglenks M, Mucklow R, Shaw J, Bjelic-Radisic V, Chiorescu A, Chun YS, Farah S, Xiaosong C, Nigard L, Kuemmel S, Reitsamer R, Hauschild M, Fulco I, Tausch C, Fischer T, Sarlos D, Constantinescu MA, Lupatsch JE, Fitzal F, Heil J, Matrai Z, de Boniface J, Kurzeder C, Haug M, Weber WP. Prepectoral versus subpectoral implant-based breast reconstruction after skin-sparing mastectomy or nipple-sparing mastectomy (OPBC-02/ PREPEC): a pragmatic, multicentre, randomised, superiority trial. *BMJ Open*. 2021 Sep 2; 11(9):e045239. doi: 10.1136/bmjopen-2020-045239. PMID: 34475143; PMCID: PMC8413865.

Steinemann A, Preiser D, Eggenschwiler L, Gohritz A, Decard BF, **Kappos EA**, Goldblum D. Minimally Invasive Corneal Neurotization for Neurotrophic Keratopathy. *Klin Monbl Augenheilkd*. 2021 Apr;238(4):365-366. English. doi: 10.1055/a-1407-9228. Epub 2021 Apr 30. PMID: 33930911.

Mathelin C, Ame S, Anyanwu S, Avisar E, Boubnider WM, Breitling K, Anie HA, Conceição JC, Dupont V, Elder E, Elfgen C, Elongé T, Iglesias E, Imoto S, Ioannidou-Mouzaka L, **Kappos EA**, Kaufmann M, Knauer M, Luzuy F, Margaritoni M, Mbodj M, Munding A, Orda R, Ostapenko V, Özbaş S, Özmen V, Pagani O, Pieńkowski T, Schneebaum S, Shmalts E, Selim A, Pavel Z, Lodi M, Maghales-Costa M. Breast Cancer Management During the COVID-19 Pandemic: The Senologic International Society Survey. *Eur J Breast Health*. 2021 Mar 31; 17(2):188-196. doi: 10.4274/ejbh.galenos.2021.2021-1-4. Erratum in: *Eur J Breast Health*. 2021 Jun 24; 17(3):296. PMID: 33870120; PMCID: PMC8025718.

Giunta RE, Hansson E, Andresen C, Athanasopoulos E, Benedetto GD, Celebic AB, Caulfield R, Costa H, Demirdöver C, Georgescu A, Hemelryck TV, Henley M, **Kappos EA**, Karabeg R, Karhunen-Enckell U, Korvald C, Mortillet S, Murray DJ, Palenčár D, Piatkowski A, Pompeo FSD, Psaras G, Rakhorst H, Rogelj K, Rosenkrantz Hölmich L, Schaefer DJ, Spindel S, Stepic N, Vandevoort M, Vasar O, Waters R, Zic R, Moellhoff N, Elander A. ESPRAS Survey on Breast Reconstruction in Europe. *Handchir Mikrochir Plast Chir*. 2021 Aug;53(4):340-348. English. doi: 10.1055/a-1424-1428. Epub 2021 Mar 30. PMID: 33784792.

Ritter M, Ling BM, Oberhauser I, Montagna G, Zehnpfennig L, Lévy J, Soysal SD, Castrezana LL, Müller M, Schwab FD, Kurzeder C, Haug M, Weber WP, **Kappos EA**. The impact of age on patient-reported outcomes after oncoplastic versus conventional breast cancer surgery. *Breast Cancer Res Treat*. 2021 Jun;187(2):437-446. doi: 10.1007/s10549-021-06126-6. Epub 2021 Feb 19. PMID: 33606158; PMCID: PMC8189956.

Meyer MO, Handschin TM, Boll DT, Chammartin F, Schaefer DJ, Haug MD, **Kappos EA**. The Value of Morphometric Measurements in Risk Assessment for Donor-Site Complications after Microsurgical Breast Reconstruction. *J Clin Med*. 2020 Aug 14;9(8):2645. doi: 10.3390/jcm9082645. PMID: 32823954; PMCID: PMC7465816.

Weber WP, Morrow M, Boniface J, Pusic A, Montagna G, **Kappos EA**, Ritter M, Haug M, Kurzeder C, Saccilotto R, Schulz A, Benson J, Fitzal F, Matrai Z, Shaw J, Peeters MV, Potter S, Heil J; Oncoplastic Breast Consortium. Knowledge gaps in oncoplastic breast surgery. *Lancet Oncol*. 2020 Aug;21(8):e375-e385. doi: 10.1016/S1470-2045(20)30084-X. PMID: 32758475.

Kappos EA, Weber WP, de Boniface J, Harder Y, Heil J, Fitzal F, Matrai Z. Immediate Breast Reconstruction. *Breast Care (Basel)*. 2020 Apr;15(2):188-191. doi: 10.1159/000505176. Epub 2020 Jan 21. PMID: 32398989; PMCID: PMC7204885.

Huang RL, Guerrero J, Senn AS, **Kappos EA**, Liu K, Li Q, Dufrane D, Schaefer DJ, Martin I, Scherberich A. Dispersion of ceramic granules within human fractionated adipose tissue to enhance endochondral bone formation. *Acta Biomater*. 2020 Jan 15;102: 458-467. doi: 10.1016/j.actbio.2019.11.046. Epub 2019 Nov 26. PMID: 31783141.

Mijuskovic B, Tremp M, Heimer MM, Boll D, Aschwanden M, Zeindler J, Kurzeder C, Schaefer DJ, Haug MD, **Kappos EA**. Color Doppler ultrasound and computed tomographic angiography for perforator mapping in DIEP flap breast reconstruction revisited: A cohort study. *J Plast Reconstr Aesthet Surg*. 2019 Oct;72(10):1632-1639. doi: 10.1016/j.bjps.2019.06.008. Epub 2019 Jul 6. PMID: 31375431.

Kappos EA, Fitzgerald É, Haug MD, Quaba O, Quaba A. What Happened after the Poly Implant Prothèse Recall? A Prospective Cohort Study of 808 Implants into the Predictive Value of Implant Rupture on Postexchange Complications. *Plast Reconstr Surg*. 2019 Jul;144(1):35e-42e. doi: 10.1097/PRS.00000000000005706. PMID: 31246806.

Weber WP, Haug M, Kurzeder C, Bjelic-Radisic V, Koller R, Reitsamer R, Fitzal F, Biazus J, Brenelli F, Urban C, Paulinelli RR, Blohmer JU, Heil J, Hoffmann J, Matrai Z, Catanuto G, Galimberti V, Gentilini O, Barry M, Hadar T, Allweis TM, Olsha O, Cardoso MJ, Gouveia PF, Rubio IT, de Boniface J, Svensjö T, Bucher S, Dubsky P, Farhadi J, Fehr MK, Fulco I, Ganz-Blättler U, Günthert A, Harder Y, Hauser N, **Kappos EA**, Knauer M, Landin J, Mechera R, Meani F, Montagna G, Ritter M, Saccilotto R, Schwab FD, Steffens D, Tausch C, Zeindler J, Soysal SD, Lohsiriwat V, Kovacs T, Tansley A, Wyld L, Romics L, El-Tamer M, Pusic AL, Sacchini V, Gnant M. Oncoplastic Breast Consortium consensus conference on nipple-sparing mastectomy. *Breast Cancer Res Treat*. 2018 Dec;172(3):523-537. doi: 10.1007/s10549-018-4937-1. Epub 2018 Sep 4. PMID: 30182349; PMCID: PMC6245050.

Kappos EA, Baenziger-Sieber P, Tremp M, Engels PE, Thommen S, Sprenger L, Benz RM, Schaefer DJ, Schaeren S, Kalbermatten DF.

Epineural adipose-derived stem cell injection in a sciatic rodent model. *Brain Behav.* 2018 Jul; 8(7):e01027. doi: 10.1002/brb3.1027. Epub 2018 Jun 19. PMID: 29920989; PMCID: PMC6043702.

Rossi E, Guerrero J, Aprile P, Tocchio A, **Kappos EA**, Gerges I, Lenardi C, Martin I, Scherberich A. Decoration of RGD-mimetic porous scaffolds with engineered and devitalized extracellular matrix for adipose tissue regeneration. *Acta Biomater.* 2018 Jun; 73:154-166. doi: 10.1016/j.actbio.2018.04.039. Epub 2018 Apr 21. PMID: 29684623.

Kappos EA, Engels PE, Tremp M, Sieber PK, von Felten S, Madduri S, Meyer Zu Schwabedissen M, Fischmann A, Schaefer DJ, Kalbermatten DF. Denervation leads to volume regression in breast cancer. *J Plast Reconstr Aesthet Surg.* 2018 Jun;71(6):833-839. doi: 10.1016/j.bjps.2018.03.012. Epub 2018 Mar 28. PMID: 29653898.

Engels PE, **Kappos EA**, Sieber PK, Benz RM, Thommen S, Schaefer DJ, Kalbermatten DF. From Bedside to Bench: The Effect of Muscular Denervation on Fat Grafting to the Breast by Comparing Take Rate, Quality, and Longevity. *Aesthet Surg J.* 2018 Jul 13;38(8):900-910. doi: 10.1093/asj/sjy073. PMID: 29596609.

Hamdi M, Anzarut A, Hendrickx B, Ortiz S, Zeltzer A, **Kappos EA**. Percutaneous Purse-String Suture: An Innovative Percutaneous Technique for Inframammary Fold Creation and Improved Breast Projection in Reconstructive Surgery. *Aesthet Surg J.* 2018 Nov 12;38(12):1298-1303. doi: 10.1093/asj/sjx190. PMID: 29309508.

Kappos EA, Weber WP, Soysal SD, Schwab F, Kurzeder C, Haug MD. Die Rolle der onkoplastischen Chirurgie in der Behandlung des Mammakarzinoms. *Praxis (Bern 1994).* 2017;106(25):1378-1382. German. doi: 10.1024/1661-8157/a002852. PMID: 29231082.

Kappos EA, Tremp M, Schaefer DJ, Schaefer M Sc KM, Haug MD, Kalbermatten DF, Toth BA. The Importance of an Academic Approach to Patient-Oriented Aesthetic Outcome Research: Reply to Comment on "Validating Facial Aesthetic Surgery Results with the FACE-Q". *Plast Reconstr Surg.* 2018 Jan;141(1):185e-186e. doi: 10.1097/PRS.0000000000003992. PMID: 28938356.

Kappos EA, Sieber PK, Engels PE, Mariolo AV, D'Arpa S, Schaefer DJ, Kalbermatten DF. Validity and reliability of the CatWalk system as a static and dynamic gait analysis tool for the assessment of functional nerve recovery in small animal models. *Brain Behav.* 2017 May 18;7(7):e00723. doi: 10.1002/brb3.723. PMID: 28729931; PMCID: PMC5516599.

Kappos EA, Jaskolka J, Butler K, O'Neill AC, Hofer SOP, Zhong T. Preoperative Computed Tomographic Angiogram Measurement of Abdominal Muscles Is a Valuable Risk Assessment for Bulge Formation after Microsurgical Abdominal Free Flap Breast Reconstruction. *Plast Reconstr Surg.* 2017 Jul;140(1):170-177. doi: 10.1097/PRS.0000000000003427. PMID: 28272279.

Kappos EA, Temp M, Schaefer DJ, Haug M, Kalbermatten DF, Toth BA. Validating Facial Aesthetic Surgery Results with the FACE-Q. *Plast Reconstr Surg.* 2017 Apr;139(4):839-845. doi: 10.1097/PRS.0000000000003164. PMID: 28002252.

Warren Peled A, **Kappos EA**. Lipedema: diagnostic and management challenges. *Int J Womens Health.* 2016 Aug 11; 8:389-95. doi: 10.2147/IJWH.S106227. PMID: 27570465; PMCID: PMC4986968.

Kappos EA, Esenwein P, Meoli M, Meier R, Grünert J. Implantation of a denaturated cellulose adhesion barrier after plate osteosynthesis of finger proximal phalangeal fractures: results of a randomized controlled trial. *J Hand Surg Eur Vol.* 2016 May;41(4):413-20. doi: 10.1177/1753193415594100. Epub 2015 Jul 30. PMID: 26228699.

Kappos EA, Engels PE, Tremp M, Meyer zu Schwabedissen M, di Summa P, Fischmann A, von Felten S, Scherberich A, Schaefer DJ, Kalbermatten DF. Peripheral Nerve Repair: Multimodal Comparison of the Long-Term Regenerative Potential of Adipose Tissue-Derived Cells in a Biodegradable Conduit. *Stem Cells Dev.* 2015 Sep 15;24(18):2127-41. doi: 10.1089/scd.2014.0424. Epub 2015 Jul 2. PMID: 26134465.

Kappos EA, Engels PE, Wettstein R, Schaefer DJ, Kalbermatten DF. Bovine dermal matrix as coverage of facial nerve grafts. *Case Rep Med.* 2014;2014: 512921. doi: 10.1155/2014/512921. Epub 2014 Jan 16. PMID: 24550990; PMCID: PMC3914312.

Kappos EA, Grünert JG. Can we save the arm? A 38-year-old man with morbus oller (enchondromatosis) and secondary chondrosarcoma. *Plast Reconstr Surg.* 2012 May;129(5):887e-888e. doi: 10.1097/PRS.0b013e31824aa02d. PMID: 22544147.

Basel, April 2023