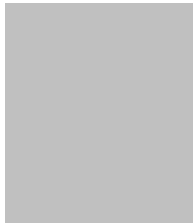


PERSONAL INFORMATION

Radu Olariu



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-  <http://www.plastichandchirurgie.insel.ch/de/aerzte-und-zuweiser/details/person/detail/radu-olariu/>

Sex Male | Date of birth 16.11.1980 | Nationality Romanian

WORK EXPERIENCE

- From 7/2016 **Deputy Head of Department, Senior Consultant**
Department of Plastic and Hand Surgery, Inselspital University Hospital Bern, University of Bern, Bern, Switzerland
- 01/2015 – 06/2016 **Senior Consultant (Oberarzt I)**
Department of Plastic and Hand Surgery, Inselspital University Hospital Bern, University of Bern, Bern, Switzerland
- 01/2013 – 12/2014 **Consultant (Oberarzt II)**
Department of Plastic and Hand Surgery, Inselspital University Hospital Bern, University of Bern, Bern, Switzerland

EDUCATION AND TRAINING

- 2010 – 2012 **Residency in Plastic, Reconstructive and Aesthetic Surgery**
Department of Plastic and Hand Surgery, Inselspital University Hospital Bern, University of Bern, Bern, Switzerland
- 2006 – 2010 **Residency in Plastic Surgery and Reconstructive Microsurgery**
Department of Plastic Surgery and Reconstructive Microsurgery, University of Medicine Iuliu Hațieganu, Cluj-Napoca, Romania
- 1999 – 2005 **Medical studies – MD title**
University of Medicine Iuliu Hațieganu, Cluj-Napoca, Romania

PERSONAL SKILLS

Mother tongue(s) Romanian

Other language(s)

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
German	C1	C1	C1	C1	C1
Deutsches Sprachdiplom					
English	C1	C1	C1	C1	C1
Cambridge Advanced English, TOEFL					
French	B2	B2	B2	B2	B1

Levels: A1/2: Basic user - B1/2: Independent user - C1/2 Proficient user
Common European Framework of Reference for Languages

Communication skills

- Excellent scientific communication skills (multiple awards for scientific presentations at national and international meetings)

- Organisational / managerial skills**
- leadership (responsible for student and resident education)
 - management (responsible for OR management, deputy head of Skin cancer tumour center, representative Plastic Surgery in Sarcoma and Head and Neck Tumour center)
- Computer skills**
- good command of Microsoft Office™ tools
 - good command of GraphPad™
 - basic command of computer programming (Python, R, JavaScript)
- Driving licence**
- B

ADDITIONAL INFORMATION

Publications (most important, for full list see <https://orcid.org/0000-0002-0204-4432>)

- 1: **Olariu R**, Tsai C, Abd El Hafez M, Milusev A, Banz Y, Lese I, Leckenby JI, Constantinescu M, Rieben R, Vögelin E, Taddeo A. Presence of Donor Lymph Nodes Within Vascularized Composite Allotransplantation Ameliorates VEGF-C-mediated Lymphangiogenesis and Delays the Onset of Acute Rejection. *Transplantation*. 2021 Aug 1;105(8):1747-1759.
- 2: Lese I, Tsai C, Matter M, Wüthrich T, Scheer HS, Taddeo A, Constantinescu MA, Herrmann IK, **Olariu R**. Mixed Metal Oxide Nanoparticle Formulations for the Treatment of Seroma. *ACS Biomater Sci Eng*. 2021 Jun 14;7(6):2676-2686.
- 3: Zubler C, Haberthür D, Hlushchuk R, Djonov V, Constantinescu MA, **Olariu R**. The anatomical reliability of the superficial circumflex iliac artery perforator (SCIP) flap. *Ann Anat*. 2021 Mar;234:151624.
- 4: Lese I, Biedermann R, Constantinescu M, Grobbelaar AO, **Olariu R**. Predicting risk factors that lead to free flap failure and vascular compromise: A single unit experience with 565 free tissue transfers. *J Plast Reconstr Aesthet Surg*. 2021 Mar;74(3):512-522.
- 5: Wüthrich T, Lese I, Haberthür D, Zubler C, Hlushchuk R, Hewer E, Maistriaux L, Gianello P, Lengelé B, Rieben R, Vögelin E, **Olariu R**, Duisit J, Taddeo A. Development of vascularized nerve scaffold using perfusion-decellularization and recellularization. *Mater Sci Eng C Mater Biol Appl*. 2020 Dec;117:111311.
- 6: Lese I, Leclère FM, Gayanayake T, Taddeo A, Leckenby JI, Banz Y, Constantinescu MA, Vögelin E, **Olariu R**. Regional Lymphatic Inclusion in Orthotopic Hindlimb Transplantation: Establishment and Assessment of Feasibility in a Rodent Model. *Transplant Direct*. 2020 Aug 12;6(9):e592.
- 7: **Olariu R**, Moser HL, Lese I, Sabau D, Georgescu AV, Grobbelaar AO, Constantinescu MA. The effects of optimizing blood inflow in the pedicle on perforator flap survival: A pilot study in a rat model. *Arch Plast Surg*. 2020 May;47(3):209-216.
- 8: Lese I, Grobbelaar AO, Sabau D, Georgescu AV, Constantinescu MA, **Olariu R**. The Propeller Flap for Traumatic Distal Lower-Limb Reconstruction: Risk Factors, Pitfalls, and Recommendations. *J Bone Joint Surg Am*. 2020 Mar 18;102(6):510-518.
- 9: Lese I, Graf DA, Tsai C, Taddeo A, Matter MT, Constantinescu MA, Herrmann IK, **Olariu R**. Bioactive nanoparticle-based formulations increase survival area of perforator flaps in a rat model. *PLoS One*. 2018 Nov 26;13(11):e0207802.
- 10: Dzhonova DV, **Olariu R**, Leckenby J, Banz Y, Prost JC, Dhayani A, Vemula PK, Voegelin E, Taddeo A, Rieben R. Local Injections of Tacrolimus-loaded Hydrogel Reduce Systemic Immunosuppression-related Toxicity in Vascularized Composite Allotransplantation. *Transplantation*. 2018 Oct;102(10):1684-1694.
- 11: **Olariu R**, Denoyelle J, Leclère FM, Dzhonova DV, Gajanayake T, Banz Y, Hayoz M, Constantinescu M, Rieben R, Vögelin E, Taddeo A. Intra-graft injection of tacrolimus promotes survival of vascularized composite allotransplantation. *J Surg Res*. 2017 Oct;218:49-57.
- 12: Gajanayake T, **Olariu R**, Leclère FM, Dhayani A, Yang Z, Bongoni AK, Banz Y, Constantinescu MA, Karp JM, Vemula PK, Rieben R, Vögelin E. A single localized dose of enzyme-responsive hydrogel improves long-term survival of a vascularized composite allograft. *Sci Transl Med*. 2014 Aug 13;6(249):249ra110.

- Honours and awards**
- 2014: Research Award of the Swiss Society for Plastic, Reconstructive and Aesthetic Surgery with the Project: "A single localized dose of enzyme-responsive hydrogel improves long-term survival of a vascularized composite allograft."
- 2016: Best presentation award European Plastic Surgery Research Council with the presentation: "Intra-graft injection of tacrolimus promotes survival of vascularized composite allotransplantation"
- 2016: Best presentation award of the Swiss Society for Plastic, Reconstructive and Aesthetic Surgery in the category research with the presentation: "Is the artery or the vein more important? An evaluation of the influence of arterial inflow and venous outflow on perforator flap survival in a rat model."
- Memberships**
- **Member of the following professional societies:**
 - Swiss Society of Plastic Surgeons
 - Romanian Association of Plastic Surgeons
 - Romanian Society for Surgery of the Hand
 - Romanian Society of Reconstructive Microsurgery
 - European Association of Plastic Surgeons (EURAPS)
 - European Board of Plastic, Reconstructive and Aesthetic Surgery (EBOPRAS)
 - **Examiner for the European Board Examination in Plastic, Reconstructive and Aesthetic Surgery (EBOPRAS)**
- Projects**
- 2014 – 2016 Research Grant of the Inselspital Bern:
Increasing perforator flap survival by augmenting arterial inflow and/or decreasing venous tone: An experimental study in rats.
- 2016 – 2019 Clinical Research Grant of the Bernese Cancer league:
Lymph node Identification in skin Malignancy using Indocyanine green Transcutaneously (LIMIT) Study.
- 2019 – 2023 Basic research grant of the Swiss National Science Foundation (SNSF):
Site-specific immunosuppression for long-term maintenance of vascularized composite allotransplantation: validation of efficacy and safety in a clinically relevant large animal model