Publications:

Abstracts/lectures:

51.) The research study "A stromal cell population that inhibits adipogenesis in mammalian fat depots" is published in Nature, June 2018 as a result of a collaboration of EPFL (B. Deplancke), ETH Zürich (C. Wolfrum), SSCF (G. Soldati) and Concept-Clinic (K-U Schlaudraff)

50.) ‘HIGH DEFINITION LIPOSUCTION': EXPANDING THE SURGICAL POSSIBILITIES OF BODY CONTOURING THROUGH THIRD GENERATION ULTRASOUND ASSISTED LIPOSUCTION‘
Schlaudraff K-U, faculty member of the 20th Biennial Congress of ISAPS
International Society of Aesthetic Plastic Surgery 2010 San Francisco, USA

49.) ‘ADIPOSE DERIVED STEM CELLS: HARVESTING, USE, RISKS AND ETHICS’
Schlaudraff K-U, faculty member of the ISAPS Course South Africa
International Society of Aesthetic Plastic Surgery 2010 Cape Town, South Africa

48.) ‘AUTOLOGOUS FAT TRANSFER AND ULTRASOUND ASSISTED LIPOSUCTION: CAN WE COMBINE IT?’
Schlaudraff K-U, faculty member of the ISAPS Course South Africa
International Society of Aesthetic Plastic Surgery 2010 Cape Town, South Africa

47.) ‘CLINICAL EXPERIENCE WITH THE NEW VASER LIPOSUCTION TECHNOLOGY‘
Schlaudraff K-U, faculty member of the ISAPS Course South Africa
International Society of Aesthetic Plastic Surgery 2010 Cape Town, South Africa

46.) ‘ULTRASOUND ASSISTED LIPOSUCTION: WHY YOU ABANDONED IT AND WHY YOU MIGHT RECONSIDER NOW‘
Schlaudraff K-U, faculty member of IMCAS
International Master Course on Aging Skin 2010 Paris, France

45.) ‘FAT HARVESTING THROUGH ULTRASOUND ASSISTED LIPOSUCTION: IS IT POSSIBLE?’
Schlaudraff K-U, faculty member of IMCAS
International Master Course on Aging Skin 2010 Paris, France

44.) ‘VASER HIDEF - HIGH DEFINITION LIPOSUCTION‘
Schlaudraff K-U, faculty member of the 3rd Cutera Clinical Forum
3rd Cutera Clinical Forum 2009 Geneva, Switzerland

43.) ‘VASER HIDEF: EXPANDING THE POSSIBILITIES OF LIPOSUCTION‘
Schlaudraff K-U, faculty member of the BODY conference
Body Conference 2009 London, Great Britain

42.) ‘VASER LIPOSELECTION – FROM LIPOSUCTION TO VASER HIDEF‘
Schlaudraff K-U, faculty member of the annual BACD meeting
British Association of Cosmetic Doctors 2009 London, Great Britain

41.) ‘RHINOPLASTY: A 10 YEAR ANALYSIS’
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2006 Interlaken, Switzerland

40.) ‘BREAST AUGMENTATION: AN UNUSUAL WAY TO DO IT’
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2006 Interlaken, Switzerland

39.) ‘PROGRESSIVE TISSUE INJURY IN BURNS IS REDUCED BY rNAPc2’
38.) ‘PROGRESSIVE TISSUE INJURY IN BURNS IS REDUCED BY rNAPc2’
Mahajan AL, Schlaudraff K-U, Tenorio X, Pepper MS, Baetens D, Montandon D, Pittet B
British Burns Association, 2005 York, Great Britain

37.) ‘DIMINUTION DE L’AGGRAVATION SECONDAIRE DES BRULURES CHEZ LE RAT PAR L’APPLICATION INTRAVEINEUSE DE L’ANTICOAGulant rNAPc2’
Schlaudraff K-U, Mahajan AL, Pepper MS, Tenorio X, Montandon D, Pittet B
French Society of Plastic Reconstructive Aesthetic Surgery 2004 Paris, France

36.) ‘NEW THERAPEUTIC INTERVENTION WITH rNAPc2 CURBS PROGRESSION OF THE BURN WOUND’
Mahajan AL, Schlaudraff K-U, Tenorio X, Pepper MS, Baetens D, Montandon D, Pittet B
XXIXth Sir Peter Freyer Meeting 2004 Galway, Ireland

35.) ‘SUCCESSFUL ABDOMINAL WALL RECONSTRUCTION IN HIGH RISK PATIENTS USING VAC-THERAPY’
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2004 Berne, Switzerland

34.) ‘APPLICATION OF rNAPc2 REDUCES SECONDARY AGGRAVATION OF BURN WOUNDS’
Schlaudraff K-U, Tenorio X, Mahajan AL, Pepper MS, Montandon D, Pittet B
European Conference of Scientists and Plastic Surgeons 2004 Munich, Germany

33.) ‘THE FREE SERRATUS ANTERIOR FLAP AND ITS CUTANEOUS COMPONENT: ANATOMICAL CONSIDERATIONS AND SUCCESSFUL USE IN CRANIOFACIAL RECONSTRUCTION’
British Association of Plastic Surgeons 2004 Dublin, Ireland

32.) ‘EXPERIMENTAL MODEL TO UNDERSTAND THE MECHANISM OF SURVIVAL OF ARTERIALIZED-VENOUS FLAPS’
Pittet B, Quinodoz P, Alizadeh N, Schlaudraff K-U
European Conference of Scientists and Plastic Surgeons 2003 Geneva, Switzerland

31.) ‘MODULATION OF INTRACUTANEOUS OXYGEN CONCENTRATION BY INTERMITTENT HYPOXIA TRAINING: IMPLICATIONS FOR FLAP SURVIVAL’
Schlaudraff K-U, Pepper MS, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
European Conference of Scientists and Plastic Surgeons 2003 Geneva, Switzerland

30.) ‘IMPACT OF INTERMITTENT HYPOXIA TRAINING ON INTRACUTANEOUS OXYGEN CONCENTRATION IN NORMAL AND ISCHEMIC SKIN’
Schlaudraff K-U, Pepper M, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Hypoxia Medical Academy 2003 Innsbruck, Austria

29.) ‘IMPACT OF INTERMITTENT HYPOXIA TRAINING ON SKIN OXYGEN CONCENTRATION AND FLAP SURVIVAL’
Schlaudraff K-U, Pepper M, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2003 Lugano, Switzerland

28.) ‘INTRACUTANEOUS OXYGEN CONCENTRATION IN NORMAL AND ISCHEMIC SKIN IS INCREASED AFTER INTERMITTENT HYPOXIA TRAINING (IHT)’
Schlaudraff K-U, Pepper MS, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
13th International Hypoxia Symposium 2003, Banff Mountain Centre Alberta, Canada

27.) ‘TOXISCHES-SCHOCK-SYNDROM INFOLGE TARDIVER INFEKTION NACH MAMMAAUGMENTATIONSPLASTIK’
Schlaudraff K-U, Quinodoz P, Montandon D, Pittet B
Vereinigung der Deutschen Aesthetisch-Plastischen Chirurgen 2002, Heidelberg, Germany
26.) ‘MIXED ARTERIO-VENOUS INSUFFICIENCY IN A RANDOM DORSAL SKIN FLAP MODEL IN THE RAT: IS THE APPLICATION OF MEDICINAL LEECHES BENEFICIAL?’
Schlaudraff K-U, Bezzola T, Pepper M, Montandon D, Pittet B
European Conference of Scientists and Plastic Surgeons 2002 Vienna, Austria

25.) ‘THE SERRATUS MUSCULO-CUTANEOUS FLAP IN FACIAL RECONSTRUCTION’
Pittet B, Alizadeh N, Schlaudraff K-U, Montandon D
EURAPS 2002 Crete, Greece

24.) ‘AMÉLIORATION DE LA SURVIE DES LAMBEAUX DORSAUX ISCHÉMIQUES CHEZ LE RAT PAR ENTRAINEMENT HYPOXIQUE INTERMITTENT’
Schlaudraff K-U, Pepper MS, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Journée des Jeunes Plasticiens de la SOF.CPRE 2002 Paris, France

23.) ‘RECONSTRUCTION DU MEMBRE INFÉRIEUR DROIT CHEZ UNE PATIENTE AVEC DES ESCARRES D’ÉTIOLogie ATYPIQUE’
Schlaudraff K-U, Tkatchouk E, Cheretakis A, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2002, Lausanne, Switzerland

22.) ‘TOXIC SHOCK SYNDROME AS POTENTIALLY FATAL COMPLICATION OF DELAYED INFECTION IN BREAST PROSTHESES’
Schlaudraff K-U, Quinodoz P, Montandon D, Pittet, B
European Societies of Plastic Reconstructive and Aesthetic Surgery (ESPRAS) 2001, Rome, Italy

21.) ‘TISSUE NECROSIS AND ITS MODULATION BY LOCAL RELEASE OF CYTOKINES IN A RAT ISCHEMIC SKIN FLAP MODEL’
European Conference of Scientists and Plastic Surgeons 2001, Helsinki, Finland

20.) ‘NORMOBARIC INTERMITTENT HYPOXIA TRAINING INCREASES THE SURVIVAL OF ISCHEMIC RANDOM DORSAL SKIN FLAPS IN THE RAT’
Schlaudraff K-U, Pepper MS, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland

19.) ‘IMPROVEMENT OF THE SURVIVAL OF ISCHEMIC DORSAL SKIN FLAPS IN THE RAT BY MEANS OF NORMOBARIC INTERMITTENT HYPOXIA TRAINING’
Schlaudraff K-U, Pepper M, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland

18.) ‘FASCEITE NECROSANTE APRES LIPOSUCCION’
De Wan J, Schlaudraff K-U, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland

17.) ‘TOXIC SHOCK SYNDROME IN PATIENTS WITH DELAYED INFECTION IN BREAST PROSTHESES: A RARE BUT POTENTIALLY DEVASTATING COMPLICATION’
Schlaudraff K-U, Quinodoz P, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland

16.) ‘HOW CAN WE HELP ACUTE ISCHEMIC TISSUE TO SURVIVE? PHYSIOLOGICAL STUDY OF THE ONSET OF TISSULAR NECROSIS IN AN ISCHEMIC FLAP MODEL IN THE RAT’
Pittet B, Quinodoz P, Alizadeh N, Schlaudraff K-U, Montandon D, Pepper MS
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland

15.) ‘IMPROVEMENT OF THE SURVIVAL OF ISCHEMIC DORSAL SKIN FLAPS IN THE RAT BY MEANS OF NORMOBARIC INTERMITTENT HYPOXIA TRAINING’
Schlaudraff K-U, Pepper M, Ehrenburg I, Tkatchouk E, Montandon D, Pittet B
Swiss Society of Plastic Reconstructive Aesthetic Surgery 2001, Geneva, Switzerland
14.) ‘INDUKTION NEUER FUNKTIONELLER BLUTGEFÄSSE BEIM MENSCHEN DURCH DEN ERSTEN KLINISCHEN EINSATZ DES HUMANEN WACHSTUMSFAKTORS HBGF-I’
Schlaudraff K-U, von Specht B-U, Kolvenbach H, Stegmann Th, Schumacher B

13.) ‘INFLUENCE OF DIFFERENT SURGICAL VEIN HANDLING TECHNIQUES ON THE MORPHOLOGICAL AND FUNCTIONAL INACTNESS OF VENA SAPHENA MAGNA ENDOTHELIAL CELLS’
Schlaudraff K-U, Stegmann Th, Schumacher B

12.) ‘NOTFALLMÄSSIGE BYPASSEINGANGS Operation nach frustraner elektiver perkutaner transluminaler koronarangioplastie’
Referateband der Gemeinsamen Jahrestagung der Schweizerischen Gesellschaft für Pneumonologie und der Schweizerischen Gesellschaft für Thorax-, Herz- und Gefäßchirurgie

11.) ‘FIRST CLINICAL APPLICATION OF THE HUMAN GROWTH FACTOR HBGF-I FOR THE INDUCTION OF LOCAL NEO-ANGIOGENESIS WITH PATIENTS SUFFERING FROM CORONARY HEART DISEASE’
Schlaudraff K-U, von Specht B-U, Stegmann Th, Schumacher B
J of Cardiovascular Surgery, Referateband 43rd International Congress of the European Society for Cardiovascular Surgery (1994)

10.) ‘INDUCTION OF NEW BLOOD VESSELS WITH THE ISCHAEMIC HEART BY THE CLINICAL APPLICATION OF THE HUMAN GROWTH FACTOR HBGF-I’
Schlaudraff K-U, von Specht B-U, Stegmann Th, Schumacher B
Referateband 8th Annual Meeting of the European Association for Cardio-Thoracic Surgery 8:66 (1994)

9.) ‘ERSTER KLINISCHER EINSATZ DES HUMANEN WACHSTUMSFAKTORS HBGF-I ZUR INDUKTION LOKALER NEOANGIOGENESE BEI KORONARER HERZKRANKHEIT’
Schlaudraff K-U, Haberstroh J, Kolvenbach H, Stegmann Th, Schumacher B

8.) ‘5-JAHRESERGEBNISSE NACH CHIRURGIE DER AORTENPUNKTION: VERGLEICH DER OP-TECHNIKEN MIT UND OHNE GFR-KLEBER’

7.) ‘NOTFALLMÄSSIGE BYPASSEINGANGS Operation nach frustraner elektiver perkutaner transluminaler koronarangioplastie’
Schweizerische Medizinische Wochenschrift Suppl. 56:32 (1994)

6.) ‘KLINISCHER EINSATZ DES HUMANEN WACHSTUMSFAKTORS HBGF-I: ERSTMALIGE INDUKTION DES NEUWACHSTUMS NATIVER KORONARGEFÄSSE’
Schlaudraff K-U, Kolvenbach H, Stegmann Th, Schumacher B
Schweizerische Medizinische Wochenschrift Suppl. 56:26 (1994)

5.) ‘EFFECTS OF A NEW HBGF-I PRECOATING TECHNIQUE ON THE DEGENERATION OF ALTERNATIVELY FIXATED AND ENDOTHELIALIZED BIOLOGICAL HEART VALVES’
Schlaudraff K, Schlaudraff K-U, von Specht B-U, Stegmann Th, Schumacher B
Referateband 42nd Annual Meeting of the Scandinavian Association for Thoracic and Cardiovascular Surgery 42:41 (1993)
4. ‘IMPORTANCE OF DIFFERENT SURGICAL VEIN HANDLING TECHNIQUES ON GROWTH AND FUNCTION OF V. SAPHENA ENDOTHELIAL CELLS’
Schlaudraff K-U, Schlaudraff K, Stegmann Th, von Specht B-U, Schumacher B
Referateband 42nd Annual Meeting of the Scandinavian Association for Thoracic and Cardiovascular Surgery 42:123 (1993)

3. ‘NOTFALLMÄSSIGE BYPASSOPERATION NACH FRUSTRANER ELEKTIVER PERKUTANER TRANSLUMINALER KORONAR-ANGIOPLASTIE’
Referateband der Jahrestagung der Thüringischen Gesellschaft für Chirurgie

2. ‘VORBESCHICHTUNG MIT WACHSTUMSFAKTOR UND IN VITRO ENDOTHELIALISIERUNG BEEINFLUSST DIE DEGENERATION ALTERNATIV FIXIERTER, BIOLOGISCHER HERZKLAPPEN’
Thorac and Cardovasc Surg 41:91 (1993)

1. ‘EINFLUSS CHIRURGISCHER VENEENTNAHMETECHNIKEN AUF WACHSTUM UND FUNKTION HUMANER V. SAPHENA MAGNA ENDOTHELZELLEN’

Awards:

1) Best scientific lecture at the 7th European Conference of Scientists and Plastic Surgeons 2003:
‘EXPERIMENTAL MODEL TO UNDERSTAND THE MECHANISM OF SURVIVAL OF ARTERIALIZED-VENOUS FLAPS’
Pittet B, Quinodoz P, Alizadeh N, Schlaudraff K-U

2) Best scientific paper at the 38th Annual Meeting of the British Burns Association (BBA) 2005:
‘PROGRESSIVE TISSUE INJURY IN BURNS IS REDUCED BY rNAPc2’
Mahajan AL, Schlaudraff K-U, Tenorio X, Pepper MS, Baetens D, Montandon D, Pittet B
Papers:

1.) ‘INDUKTION NEUER FUNKTIONELLER BLUTGÄSSE BEIM MENSCHEN DURCH DEN ERSTEN KLINISCHEN EINSATZ DES HUMANEN WACHSTUMSFAKTORS HBGF-I’
   Schlaudraff K-U, von Specht BU, Kolvenbach H, Stegmann Th, Schumacher B
   Langenbecks Archiv für Chirurgie 167-172 (1994)

2.) ‘INNOVATIONS AND NEW TECHNOLOGIES IN PLASTIC SURGERY’
   Montandon D, Schlaudraff K-U, Pittet B

3.) ‘ACTIVE-SITE INACTIVATED FVIIa DECREASES THROMBOSIS AND NECROSIS IN A RANDOM SKIN FLAP MODEL OF ACUTE ISCHEMIA’

4.) ‘THE FREE SERRATUS ANTERIOR FLAP AND ITS CUTANEOUS COMPONENT FOR FACE RECONSTRUCTION: A SERIES OF 27 CASES’

5.) ‘PROGRESSIVE TISSUE INJURY IN BURNS IS REDUCED BY nNAPe2’

6.) ‘PERSISTENT ISCHEMIA IMPAIRS MYOFIBROBLAST DEVELOPMENT IN WOUND GRANULATION TISSUE – A NEW MODEL OF DELAYED WOUND HEALING’

7.) ‘HYPOXIC PRECONDITIONING INCREASES SKIN OXYGENATION AND VIABILITY BUT DOES NOT ALTER VEGF-EXPRESSION OR VASCULAR DENSITY’
   Schlaudraff K-U, Pepper MS, Tkatchouk E, Ehrenburg I, Alizadeh N, Montandon D, Pittet B

8.) ‘MIXED ARTERIO-VENOUS INSUFFICIENCY IN A RANDOM DORSAL SKIN FLAP MODEL IN THE RAT: IS THE APPLICATION OF MEDICINAL LEECHES BENEFICIAL?’
   Schlaudraff K-U, Bezzola T, Pepper MS, Montandon D, Pittet B
   Journal of Surgical Research (in print)

9.) ‘OPTIMIZING THE ARTERIALIZED VENOUS FLAP’
   Plastic Reconstructive Surgery (in print)

Grants:

1.) HypoMed Global Services S.A. Genève (10/2001-06/2004)


3.) Corvas Research Fund (12/2002-12/2005)

4.) Investment Fund Geneva Medical School (9/2002)
Workshops:

1.) 20TH INTERNATIONAL FREE FLAPS AND ISLAND FLAPS WORKSHOP
    Liege University Hospital 2002, Liege, Belgium

2.) INTERNATIONAL WORKSHOP ON BODY CONTOURING
    Liege University Hospital 2002, Liege, Belgium

3.) 8TH GENERAL MEETING OF THE SWISS SOCIETY FOR BIOMATERIALS
    Geneva University Hospital 2002, Geneva, Switzerland

4.) INTERNATIONAL WORKSHOP ‘ORBITOPATHIE DYSTHYROIDIENNE’
    Geneva University Ophthalmology Hospital 2002, Geneva, Switzerland

5.) ‘CRITICAL ISSUES IN TUMOR MICROCIRCULATION, ANGIogenesis AND METASTASIS’
    Harvard Medical School 2002, Boston, USA

6.) INTERNATIONAL WORKSHOP ‘LA CHIRURGIE ESTHÉTIQUE DU 1/3 INFÉRIEUR DU VISAGE’
    Clinique Générale-Beaulieu 2002, Geneva, Switzerland

7.) BASIC COURSE IN EAR RECONSTRUCTION (Dr. FRANCOISE FIRMIN)
    Swiss Society of Plastic, Reconstructive and Aesthetic Surgery 2003, Geneva, Switzerland

8.) SWISS ISAPS COURSE: ‘HIGHLIGHTS OF THE LAST TWO DECADES’
    ISAPS 2003, Lugano, Switzerland

7.) ADVANCED COURSE IN EAR RECONSTRUCTION (Dr. FRANCOISE FIRMIN)
    Swiss Society of Plastic, Reconstructive and Aesthetic Surgery 2004, Geneva, Switzerland

9.) EAR RECONSTRUCTION SYMPOSIUM (Dr. FRANCOISE FIRMIN)
    Swiss Society of Plastic, Reconstructive and Aesthetic Surgery 2005, Geneva, Switzerland

10.) III. ‘INTERNATIONAL MATRIX COURSE
    Akademikliniken / ISAPS 2005, Stockholm, Sweden

11.) IV. COURSE ‘ADVANCES IN RHINOPLASTY
    American Academy of Facial Plastic and Reconstructive Surgery 2005, Chicago, USA

12.) IX. INTERNATIONAL MASTER COURSE ON AGING SKIN
    IMCAS 2007, Paris, France

13.) II. INTERNATIONAL MASTER COURSE ‘HIGH DEFINITION LIPOSUCTION’
    Evolution Medical Center 2008, Bogota, Columbia

14.) XI. INTERNATIONAL MASTER COURSE ON AGING SKIN
    IMCAS 2009, Paris, France

15.) 13TH TURKISH SOCIETY OF AESTHETIC PLASTIC SURGERY CONGRESS & ISAPS COURSE
    ISAPS 2009, Istanbul, Turkey

16.) 3RD INTERNATIONAL SYMPOSIUM ON ‘FAT INJECTION AND TISSUE REGENERATION:
    NEW FRONTIERS’
    Fondazione Sanvenero Roselli 2009, Milan, Italy

17.) 3RD CUTERA CLINICAL FORUM
    Cutera Clinical Forum 2009, Geneva, Switzerland, Faculty member
18.) I. INTERNATIONAL COURSE ON ‘BREAST AUGMENTATION & RECONSTRUCTION WITH AUTOLOGOUS FAT GRAFTS: MAKING IT WORK’
Caritas Hospital 2010, Regensburg, Germany

19.) XII. INTERNATIONAL MASTER COURSE ON AGING SKIN
IMCAS 2010, Paris, France, Faculty member

20.) ANNUAL CONGRESS OF THE ASSOCIATION OF PLASTIC AND RECONSTRUCTIVE SURGEONS OF SOUTH AFRICA AND ISAPS COURSE
ISAPS 2010, Cape Town, South Africa, Faculty member