

## Curriculum Vitae Konrad Klaus Richter

### 1. Personal Information

Clinical Associate Professor Konrad Klaus Richter *MD PhD EBSQO CSSANZ FRACS*  
 married to Dr. med. Sabine Richter BDS, Orthodontist, four children

### 2. Qualifications

(a) Qualification name: Institution: Date of Graduation:

Qualification name:	Institution:	Date of Graduation:
<b>Full member of the Colorectal Surgical Society of New Zealand and Australia (CSSANZ)</b>	CSSANZ	2018
<b>Designated Diving Medical Doctor &amp; Open Water Diving Instructor</b>	Worksafe – Mahi Haumaru Aotearoa & SSI, PADI	2018
<b>Associate Dean Southland</b>	Otago Medical School Dunedin	2012
<b>Fellowship in General Surgery (FRACS) Fellow of the Royal Australasian College of Surgeons</b>	Royal Australasian College of Surgeons	2011
<b>Registration</b> within a vocational scope of General Surgery	Medical Council of New Zealand. Reg No: 44083	2009
<b>Degree in Business Administration in Hospital and Health Care</b>	University Nurnberg-Erlangen, Germany	2007
<b>Fellowship</b> of the Division of Surgical Oncology of the European Board of Surgery (EBSQ Oncology)	European Board of Surgery	2004
<b>Medical State Board Examination Subspecialty</b> Visceral Surgery: Upper Gastrointestinal, Endocrine and Colorectal Surgery, Surgical Endoscopy/Colonoscopy	German Medical Council	2004
<b>Habilitation (PhD, German Privatdozent/Associate Professor):</b> "Molecular and cellular pathogenesis of radiation enteropathy – Monitoring, prediction radioprotection"	University Friedrich-Schiller Medical School Jena, Germany	2002
<b>Medical State Board Exam</b> General Surgery	German Medical Council	2001
<b>US American USMLE steps 1 and 2</b>	University of Arkansas for Medical Sciences	1996
<b>Board Certification Physician for Accidental and Emergency Medicine</b>	German Medical Council	1993
Training Courses in <b>Sonography</b> of the abdomen and the thyroid	Basic, Advanced, and Specialty Courses German Medical Council	1992-1993
<b>MD thesis (German Doctoral Thesis):</b> "Experimentally induced pre-sarcomatous lesions - histological and histochemical investigations on rats"	University Martin-Luther Medical School Halle-Wittenberg, Germany	1991

<b>Medical Diploma (Dipl. med.) “The combination of scintigraphy and sonography in the diagnosis of an autonomous adenoma of the thyroid gland”</b>	University Martin-Luther Medical School Halle- Wittenberg, Germany	1988
Full <b>Approbation</b> as Medical Doctor	Government of Germany	1991

(b) Are you **currently enrolled** in a higher degree qualification: No

### 3. Professional Affiliations/Memberships (List)

- Fellow of the Royal Australasian College of Surgeons (FRACS)
- Member of the New Zealand Association of General Surgeons (NZAGS)
- Ordinary Member of the Colorectal Surgical Society of Australia and New Zealand (CSSANZ)
- Member of the Rural Surgery Section of the Royal Australasian College of Surgeons (RACS)
- Elected Board Member of the Foundation Research Committee of CSSANZ
- Elected Member of the Board of Health Research South Otago University (HRS)
- Member German Society of Surgery (Bund der Chirurgen/BDC)
- Elected Program Officer for Fiji of Doctors Assisting in South-Pacific Islands (DAISI)
- Founding Member of Hospice and Palliative Foundation, Jena, Germany

### 4. Employment History

(a) Present Position

2015 – ongoing Clinical Associate Professor, Dunedin School of Medicine  
 2012 – ongoing Associate Dean Southland, Dean’s Department Otago Medical School  
 2007 – ongoing Senior Consultant General Surgeon & Surgical Oncologist/SMO

(b) Employment History

2007 - ongoing Senior Consultant General and Colorectal Surgeon, Surgical Oncologist and Surgical Endoscopist at Southern District Health Board

2007 - ongoing Senior Clinical Lecturer University of Otago Medical School, including Gilmore Trust Senior Clinical Lecturer

2004 - 2007 Senior Consultant General and Colorectal Surgeon, Surgical Oncologist and Endoscopist, Senior Clinical Lecturer and Associate Professor (Privatdozent) at the Department of General, Visceral and Vascular Surgery, University Friedrich-Schiller of Jena Medical School, Germany; Chair of the Weekly Interdisciplinary Tumour Board

2003 - 2007 Elected Board Member of the German Thuringia Surgical Society of the German State Thuringia (two terms)

2001 – 2004 Subspecialty Surgical Fellowship in Upper gastrointestinal, Colorectal Surgery and Endocrine Surgery (Visceral Surgery). Surgical Subspecialty Exit Exam

1998 - 2001 Trainee Surgical Registrar at the University Friedrich-Schiller of Jena Medical School, Germany, Department of General, Visceral and Vascular Surgery: Surgical Training in General Surgery, Surgical Endoscopy and Surgical Intensive Care: Surgical Exit Exam

1997 - 1998 Surgical Registrar in General Surgery in Training at the Surgical Department St. Elisabeth Hospital, Halle/Academic Teaching Hospital of the University Martin-Luther of Halle-Wittenberg Medical School, Germany

- 1994 - 1997 Postdoctoral Fellowship at the University of Arkansas for Medical Sciences (UAMS) and the Arkansas Cancer Research Centre (ACRC) in Little Rock, Arkansas, USA: Two-year Research Grant from the German Cancer Research Foundation (Mildred-Scheel Stiftung) and a One-year Research Grant from the American National Cancer Institute (NCI)
- 1991 - 1994 Surgical Registrar in General Surgery at the Surgical Department, St. Elisabeth Hospital Halle (Academic Teaching Hospital of the University Martin- Luther of Halle-Wittenberg Medical School, Germany) General Surgery, Trauma Surgery, Orthopedic Surgery, Surgical Oncology, Intensive Care, Vascular Surgery
- 1990 - 1991 Trainee Intern and Elective rotations at the St. Meriter Hospital in Madison/Wisconsin Medical Centre, USA, the University of Arkansas for Medical Sciences, Little Rock/Arkansas, USA, and St. Elisabeth Hospital Halle/Germany, Academic Teaching Hospital of the University Martin-Luther of Halle- Wittenberg Medical School, Germany

(c) Training/Education

- 1984 - 1991 Medical Education Undergraduate and Postgraduate studies at the University Martin-Luther Medical School of Halle-Wittenberg, Germany
- 1987 – 1988 Research Grant for one year: after the 4<sup>th</sup> year of Medical School Research Award at the Institute of Pathology (Professor Dr. Stiller) of the University Martin-Luther Medical School of Halle-Wittenberg

**5. Other Relevant Experience**

(a) *Experience Working in an Overseas Country*

- 2022 Australian Medical Board (Australian Health Practitioner Agency AHPRA) certification
- 2019 Volunteer General Surgeon, Endoscopist and Educator at the Colonial War Memorial Hospital in Suva, Fiji
- 2018 Volunteer General Surgeon, Endoscopist and Educator at two hospitals in the Solomon Islands (Honiara National Referral Hospital and Kirakira Hospital in Makira); three times for one week each
- 2016 Visiting and working in overseas hospitals during a three-months Sabbatical:  
 Mt. Sinai Hospital in New York: Dr. Brian Jacob  
 Centre of Minimal Invasive Surgery at Ohio State University: Dr. Dean Mikami  
 Department of Surgery at St. Joseph’s Hospital in Regensburg/Germany (Prof. Alois Fürst)  
 Department of Coloproctology at Munich Klinik Neuperlach: Dr. Reinhard Ruppert  
 Department of Surgery at St. Elisabeth Hospital in Halle/Germany: Dr. Walther Asperger  
 Department of Minimal Invasive Surgery at St. George’s Hospital in Sydney: Associate Professor Mr Michael Talbot
- 2012 – ongoing: ship’s surgeon and doctor on a expedition icebreaker
- 1991 - 2007 (with exception 1994 – 1997 as Postdoctoral Fellowship recipient at the USA Arkansas Cancer Research Centre in Little Rock, Arkansas)

I worked as a Surgical Registrar and Consultant General Surgeon & Surgical Oncologist in Germany at a Catholic Hospital St. Elisabeth for 3.5 years and For nine years at the University Hospital Friedrich-Schiller Medical School in Jena as a Consultant General Surgeon, Senior Clinical Lecturer and, since 2004 Associate Professor/Privatdozent)

1994 – 1997 Little Rock, Arkansas: Postdoctoral Fellowship at the University of Arkansas for Medical Sciences (UAMS) and Arkansas Cancer Research Center

1991 - two months Trainee Internship at St. Meriter Hospital Madison Medical Center in Wisconsin, USA (General Surgery four weeks supervising specialist Mr John F Batson MD)

- two months Trainee Internship at McClellan Veteran' Administration Hospital of the University of Arkansas for Medical Sciences, Little Rock, Arkansas, USA (General Surgery supervising specialist Mr Raymond C Read MD and Dr Donna Johnson MD; Cardiology supervising specialist Professor Jon P Lindemann MD; Emergency Medicine supervising specialist Dr Elicia A Sinor MD)

*(b) National/International Collaboration*

NZ (Invercargill Campus/Dunedin): Prostate Cancer Mortality of Māori in Southland. Southern District Health Board. Collaborating with Dr. Tea Elliott. 2021 ongoing (\$ 16 000.00 Grant)

NZ (Invercargill Campus/Christchurch): Gut Symptom Investigation (GutSi) – Te Waipounamu: Multi-step study designed to understand more about delayed diagnosis of gut disease. Collaborating with Associate Professor Lee Thompson – Project Lead. Department of Population Health. University of Otago, Christchurch. 2021 – ongoing

NZ (Dunedin University, Sydney, Christchurch Campus, Southland Campus): The use of canines for cancer detection using human urine/Ethics Committee reference number H21/123: Collaborating with Pauline Blomfield, Associate Prof. Robin Turner, Dunedin School of Medicine and Professor, and Professor Sarah Young/Sydney Medical School. 2021 ongoing

NZ (Invercargill Campus/Dunedin): A randomised controlled trial comparing preoperative exercise in home, hospital, and community with standard care. Collaborating with Dr John Woodfield, Senior Lecturer, Department of Surgical Sciences, University of Otago, Dunedin. 2021 ongoing

NZ (Invercargill Campus/Auckland Hospital): Lessons following Implementation of a Colorectal Enhanced Recovery After Surgery (ERAS) Protocol in a Rural Hospital setting. Collaborating with Dr. Jamie-Lee Rahiri (Auckland Hospital). 2020 ongoing

NZ (Invercargill Campus/Dunedin University): Educational Research. Learning and teaching decision-making in the surgical clinical environment: the experience of medical students and their seniors. Dr Fardowsa MOHAMED, Dr Megan ANAKIN. 2021 - 2022

Germany (Jena): Palliative Medicine and Surgical Palliation & Clinical Decision Making in elderly gastrointestinal tumour patients. Collaborating with Associate Professor Dr. Ulrich Wedding (Head of the Department of Palliative Medicine at the Friedrich-Schiller University Friedrich-Schiller). 2020 ongoing

Germany (Jena and Dresden) and New Zealand (Invercargill and Dunedin): Clinical studies on patients with Gastrointestinal Stromal Tumors (GIST): Collaborating with with Professor U. Settmacher (Germany, Friedrich-Schiller University Jena), Dr. Christopher Jackson (Dunedin Hospital), Associate Professor Mark Thompson-Fawcett (New Zealand, Dunedin Otago Medical School). 2019 - 2022

- Gastrointestinal Stromal Tumour (GIST): Mutational analysis
- Long-term follow-up in 54 surgically treated patients with gastrointestinal stromal tumours

USA (Little Rock, Arkansas): Immunomodulation of Intestinal Radiation Injury (collaboration with Professor Martin Hauer-Jensen, USA/Arkansas Research Centre Department of Radiation Biology)

Germany (Jena: Professor B. Pool-Zobel, Dr. J. Sauer, Institute of Nutrition Science, University Friedrich-Schiller Jena)

- Butyrate-modulating genes of oxidative and metabolic stress in primary human colon cells
- Expression of biotransformation genes in human primary colon cells. Database dbEST: Predicting gene expression in colon cancer patients
- Toxicological defence of butyrate in primary, adenoma, and tumour human colon

New Zealand (with Dunedin Hospital). Biallelic variants in EFEMP1 in a pronounced connective tissue phenotype. Dr. S. Driver. Professor Stephen Robertson. University of Otago/Curekids Professor of Paediatric Genetics. 2021

Germany (Jena): Protein profiling of micro dissected pancreas carcinoma. Pepsinogen C as a potential biomarker for gastric cancer. Laboratories of the Department of Visceral, General, Vascular and Transplant Surgery, University Friedrich-Schiller of Jena, Germany (Head of Department Professor Utz Settmacher, Head of Laboratory Dr. Roland Kaufmann). 1998 – 2007

Germany (Jena): Department of Radiotherapy and Radio-Oncology, University Friedrich Schiller of Jena, Germany Professor Thomas G. Wendt: Radiation-induced small bowel injuries on rats. A novel animal model to study and modify intestinal radiation injuries. 1999 - 2006

## 6. Research Activities

### (a) Research Expertise

I did my first clinical research project during my 2<sup>nd</sup> and 3<sup>rd</sup> years of Medical School. I studied patients with autonomous thyroid adenomas (Institute of Radiology, University Martin-Luther Medical School of Halle-Wittenberg Medical School, Germany). The research project title was "The combination of scintigraphy and sonography in diagnosing an autonomous adenoma of the thyroid gland". It was the basis for my Medical Diploma that I defended with summa cum laude; research data are published.

I extended Medical School after the 4th year to undertake a year Research at the Institute of Pathology of the University Martin-Luther Halle-Wittenberg after being awarded a research grant. This basic science research project focused on carcinogenesis. It involved experimental studies on pre-sarcomatous lesions in rats and glycol-histochemical monitoring of chemically induced sarcomas at different stages of tumorigenesis. The research was the groundwork for

my doctoral thesis that I defended in 1991 at the end of Medical School. Research data are published.

During my time as trainee surgical registrar I was awarded a prestigious two-year Cancer Grant from the Mildred-Scheel (German Academic Exchange Foundation, DAAD). I was accepted as a Postdoctoral Fellow at the Arkansas Cancer Research Centre of the University of Arkansas for Medical Sciences in Little Rock, Arkansas, USA. This fellowship was extended for another year and funded by the American National Cancer Institute (NCI). My research focused on various aspects of radiation enteropathy's molecular and cellular pathogenesis, monitoring, prediction, and radioprotection. I have personally operated on more than 600 rats, applied various fractionated radiation regimens of (fractionated and single-dose irradiation), and studied early and late radiation enteropathy at two weeks and six months in the laboratory. I have been utilizing and practicing multiple laboratory techniques, including immunohistochemistry, molecular biology (RT-PCR), western blot, and histology. After identifying early and late intestinal radiation injury mechanisms, I worked on modifying radiation enteropathy in a newly established animal model using a stoma in rats. Here again, I applied various dose and time parameters for different fractionation regimens. The experimental and laboratory was performed during my three-year Postdoctoral Fellowship at the Arkansas Cancer Research Centre in Little Rock, Arkansas, as well as after coming back and working at the University Friedrich-Schiller in Jena.

I continued performing basic science and experimental research at the University Friedrich-Schiller in Jena at the Surgical laboratory and started clinical research. I established a new animal model and a research laboratory to continue my research on radiation enteropathy. I operated and studied another 100 animals. Radiation injury was modified by using a animal stoma model for application of radiation protectors. I applied and received funding for a research laboratory and technicians. During this time I supervised seven PhD theses successfully. My clinical scientific interest included carcinogenesis, colorectal cancer, gastrointestinal stromal tumours, palliative surgery, hospice, and laparoscopic surgery. My research has resulted in more than 50 publications, 32 refereed and 30 non-refereed articles and presentations and more than 95 oral presentations at national and international conferences. Many of those presentations were as invited speaker. My h-score is 20 with more than 1550 citations. In addition, I published three book chapters in well-established Medical Standard Textbooks (Elsevier). The text book "Essentials Oncology" had its 2nd edition published in 2021. I published my data in journals such as Carcinogenesis, American Journal of Surgery, American Journal of Pathology, British Journal of Nutrition, International Journal of Oncology Biology Physics, Mutation Research, European Journal of Human Genetics, and Radiotherapy and Oncology (see bibliography).

I have successfully received funding during my surgical and academic career, including a \$ 100,000 grant from the Southland Medical Foundation and \$ 10,000 from the SDHB and OMS each. The grant was used to hire the first Southland Campus-based Research Fellow. Her work has resulted in so far 14 successful research projects. I secured \$ 80,000 funding for a CPET machine that is used in collaboration with a prehabilitation RCT comparing preoperative exercise in home, hospital, and community (OCD); I am currently an investigator on HRC funding application. I am the co-investigator for \$ 108,219.00 funding from the NZ HRC lottery grant "Obesity-induced immune dysfunction in colorectal cancer – a Southland study (LHR-2019-102245), collaborating with Professor Sarah Young. I am the first-named investigator on the Māori-led research project "Prostate Cancer Mortality of Māori in Southland"; in 2022 I have been awarded a \$ 16,000.00 HRS grant. Furthermore, I am collaborating on a variety of current and exciting research projects and networks as principal investigator, co-investigator or supervisor, including the Te Waipounamu Multi-step study designed to understand more

about the delayed diagnosis of gut disease (collaboration with Associate Professor Lee Thompson Christchurch Hospital), the palliative surgical care project in collaboration with Hospice Southland and the University of Jena, the educational research project “Learning and teaching decision-making in the surgical clinical environment” (OCD), the Enhanced Recovery after Surgery Research (OCD), the Research Project K9MD dogs detecting bowel cancer, and the OPERAS study (Opioid PrEscRiptions and Usage After Surgery). In addition, I have given more than 100 scientific presentations at national and international scientific conferences in the US, Germany, New Zealand, Australia, Switzerland, The Netherlands, Portugal, Thailand, and the Czech Republic. Many of these presentations were invited lectures; some were keynote presentations (CV).

My research interest has focussed on molecular and cellular mechanisms of radiation enteropathy, carcinogenesis, surgical oncology, colorectal cancer, Gastrointestinal Stromal Tumours (GIST), palliative surgery, hospice, and laparoscopic surgery, including Transanal Endoscopic Microsurgery (TEM), Hernia repair (TAPP and Shouldice repair) and laparoscopic Nissen fundoplication. I have worked as Editor for the Journal of Visceral Medicine and The Oncologist (Der Onkologe), have reviewed scientific articles for various surgical journals, reviewed abstracts for scientific conferences, assessed master thesis (OCD), and have been reviewing applications for colorectal research funding since I became a member of the Australasian CSSANZ Research Foundation board in 2018. I have been, and I am working on various boards and panels, including Health Research South Board member since 2020, Colorectal Surgical Society Australia and New Zealand (CSSANZ) Research Foundation Board Member since 2018, Doctors assisting South-Pacific Islands (DAISI) elected board member and Fiji Program Officer since 2018, Chair of the University Study Hub Group since 2021, Member of the DSM Clinical Teacher Review Group in 2021, Member of the “Alternative Pathway Medical School Entrance” selection committee in 2021, member ALM subcommittee since 2015, member Regional Associate Dean Working Group since 2012, Member of the South Island Multidisciplinary (MDM), Member and Deputy Chair of the South Island Cancer Network over six years, Steering Group Member of the Colorectal Cancer Faster Treatment Implementation Group, and Lead Surgeon Enhanced Recovery Working Group (ERAS) since 2014.

(b) Experience in Applied R & D, contract research, consultancies, patents  
none

**(c) Research Grants and Funding as PI**

- PI\_Principal investigator on the Maori-led research project “Prostate Cancer Mortality of Maori in Southland” Dr Tea Elliot: awarded **\$ 16,000.00** HRC grant
- Research Study Nurse from K9 Medical Detection NZ for Southland Trial (colorectal cancer and prostate cancer)
- Co-Investigator: 11582401PNB “Obesity-induced dysfunction in colorectal cancer – Southland Study” NZ HRC Lottery Grant: 1/4/2019 – **\$ 108,219.00**, in collaboration with Professor Sarah Young, Department of Pathology of the Otago Medical School. 2019 – 2023
- PI\_Funding for the continuation of the Southland Campus – based Senior Research Fellow: Dr Silke Neumann PhD, 1/5/2022 – 30/4/2023

- PI\_11900901QNB Southland Medical Foundation Grant for Southland Campus Research Fellow (Monica Londahl): 1/4/2021 – 30/4/2022 \$ **100,000.00**, Principal Investigator
- PI\_Funding from Southland Medical Foundation: \$ **2500** for the Organisation of Southland Interprofessional Staff Development Workshops 2017 - 2020
- Co-Investigator: HIIT (High Intensity Interval Training) Research Project: \$ **63,292.00 (Funding for a Southland Campus-based CPET machine)**. Collaboration with Otago University Dr. John Woodfield HRC Research Project: High Intensity Interval Training improves presurgical fitness before major Abdominal Surgery, research project leader. 2021
- PI\_To improve the teaching experience for our Southland students who attend ophthalmology clinics, I secured funding from the Otago University for an Ophthalmoscope Riester e-scope LED Otoscope and an Ophthalmoscope 3.7V. \$ **600.00**. 2021
- PI\_2000 – 2003 Prospective study on “Complications and Quality of Life of patients with ileostomy or colostomy”. LiMedD GmbH Erfurt. 35 000 Euro/\$ **55,000**, Principal Investigator
- PI\_2003 – 2004 Intraabdominal application of Tigecycline”. Covance AG Clinical Research and Development 11 139 Euro/\$ **18,000**, Principal Investigator
- PI\_1999 – 2002 Research Grant: “Radioprotection after intraluminal application of Ethiol (Amifostine) into rat small intestine using localized single dose and fractionated irradiation in a new rat model” Essex Pharma GmbH Munich, Germany. 10 000 Euro/\$ **16,000**, Principal Investigator
- PI\_2000 – 2002 Travel and Research Grant for a 6-month research fellowship at the Arkansas Cancer Research Center for Anke Brandl, Doctoral Thesis Student. Boehringer Ingelheim GmbH. 1500 Euro/\$ **2500**, Prinzipal Investigator
- 1994 – 1996 German Cancer Research Foundation (Mildred Scheel Foundation). Funding for a Two-Year Research Fellowship at the University of Arkansas for Medical Sciences (UAMS) and Arkansas Cancer Research Centre (ACRC), Little Rock, Arkansas, USA. Konrad Richter as Principal investigator, Professor Martin Hauer-Jensen as joined-Principal investigator, 120 000 USD/\$ **180,000**
- 1996 – 1997 American National Cancer Institute (NCI) 60000 USD/\$ **90,000** Funding for a One-Year Research Fellowship at the University of Arkansas for Medical Sciences (UAMS) and Arkansas Cancer Research Centre (ACRC), Little Rock, Arkansas, USA. Martin Hauer-Jensen as principal investigator, Konrad Richter as joined principal investigator
- 1997 ACRC Research Grant: Significance of Mucosal Injury in the Pathogenesis of Radiation Enteropathy Arkansas Cancer Research Center, Little Arkansas, USA. Martin Hauer-Jensen MD PhD, Konrad Richter MD, Junru Wang MD PhD



- 1995 – 1996 ACRC Research Grant: Protective Effect of OR 1384 Against Radiation Enteropathy. Arkansas Cancer Research Center, Little Arkansas, USA. Martin Hauer-Jensen MD PhD, Thomas M Badger PhD, Hasan M. Shmaysani, MD, Konrad Richter MD.
- 1987 – 1988 University Martin-Luther Medical School One-Year Student-Research Grant Institute of Pathology, University Martin – Luther of Halle/Wittenberg Medical School, Germany, Principal Investigator: Konrad Richter: Principal investigator, Prof. Friedrich-Wilhelm Rath, joined-principal investigator

(d) *Supervision of Postgraduate Students*

Principal Mentor of seven Doctoral Theses research projects (PhD Thesis) at the Friedrich-Schiller University of Jena Medical School, Jena, Germany:

- 1) Doctoral Thesis Dr. Mike Krug 2006 – 2009. successfully awarded 2009  
Principal Supervisor A/Prof. Konrad Richter (90%), Prof Utz Settmacher (10%). Risk factors and quality of life in patients with intestinal stoma complications “Risk factors and quality of life in 137 patients with intestinal stoma complications. Richter KK, Krug M, Settmacher U, Pfeifer M, Thompson-Fawcett M. ANZ Journal of Surgery 2009, 79 (Suppl. S1), A26
- 2) Doctoral Thesis 2005 – 2007 Dr. Constanze Schmid. successfully awarded 2007 (summa cum laude)  
Principal Supervisor A/Prof. Konrad Richter (90%), Dr Anette Altendorf-Hofmann (10%). Long-term follow up studies on 54 surgically treated patients with Gastrointestinal Stromal Tumors (GIST). University Friedrich-Schiller Jena, Germany  
Langenbecks Arch Surg. 2008 Nov; 393(6): 949-55. Long-term follow-up in 54 surgically treated patients with gastrointestinal stromal tumors. Richter KK, Schmid C, Thompson-Fawcett M, Settmacher U, Altendorf-Hofmann A.
- 3) Doctoral Thesis 2002 – 2005 Dr. Bernadett Küpper. successfully awarded 2007 (summa cum laude).  
Principal Supervisor A/Prof. Konrad Richter (80%), Prof. Hartwig Kosmehl (20%). The Gamma-2-Chain of Laminin-5 within the colorectal adenoma-carcinoma-sequence: From anker protein to Invasion Promotor. University Friedrich-Schiller Jena, Germany.  
Plus: Presentation at the 122nd Annual German Surgical Congress, Munich 2005, Germany.  
Gamma-2-chain of Lamin-5 within the colorectal adenoma-carcinoma-sequence - Anker protein to invasion promoter  
Plus: Presentation Identification of specific protein patterns in colorectal adenomas and cancer by proteome analysis Annual Meeting of the Thuringia Surgical Society, Jena, Germany 2003.
- 4) Doctoral Thesis 1999 – 2002 Dr. Alexander Kern. successfully awarded 2002 (summa cum laude).  
Principal Supervisor A/Prof. Konrad Richter (70%), Helge Taubert (30%). Association of p53 mutations, microvessel density and neoangiogenesis in pairs of colorectal cancers and corresponding liver metastases. University Friedrich-Schiller Jena, Germany. Publication: Int J Oncol. 2002 Aug; 21(2):243-9. Association of p53 mutations, microvessel density and neoangiogenesis in pairs of colorectal cancers and corresponding liver metastases. Kern A, Taubert H, Scheele J, Rudroff C, Mothes H, Kappler M, Bartel F, Richter KK.
- 5) + 7): Doctoral Thesis 2004 – 2007 Dr. Kajetan Klos and Dr. Andreas Meyer. successfully awarded 2007 (cum laude)  
Principal Supervisor A/Prof. Konrad Richter (80%), Prof Thomas G Wendt (10%), Dr Juergen Fuller (10%). Animal Experiments and clinic-pathologic studies on the pathogenesis of radiation enteropathy University Friedrich-Schiller of Jena, Germany. Publication: Intraluminal application of potential radioprotectors in an animal model of localized hypo-fractionated small bowel irradiation Richter KK, Meyer A, Wedel T, Erdmann B, Fuller J, Wendt T, Kosmehl H, Schubert H, Scheele J. European Journal of Cancer. 01/2001; 37.  
Plus: Presented as a poster at the European Cancer Conference 11/European Society for

Therapeutic Radiology and Oncology, Lisbon, Portugal 2001

- 8) Doctoral thesis 2004 – 2007 Dr. Yves Dittmar. successfully awarded 2008 (cum laude)  
Principal Supervisor A/Prof. Konrad Richter (80%), PD Uwe Leder (10%), Prof Utz Settmacher (10%). Surgical Therapy of colorectal liver metastases – Cost analysis and process quality (Chirurgische Therapie kolorektaler Lebermetastasen – Analyse der Behandlungskosten und Einfluss der Prozessqualität auf die Kostenentwicklung). University Friedrich-Schiller of Jena, Germany
- 9) Master's Thesis Jennifer Carr: 1995 – 1997 Supervisors: Martin Hauer-Jensen (70%), Konrad Richter (20%), Ching Ching Sung (10%), two years: Experimental studies of granulocyte markers in intestinal radiation injury. Little Rock, Arkansas/Cancer Research Center. Publication: Association of granulocyte transmigration with structural and cellular parameters of injury in experimental radiation enteropathy. Richter KK, Fagerhol MK, Carr JC, Winkler JM, Sung CC, Hauer-Jensen M. *Radiat Oncol Investig.* 1997;5(6): 275-8

Assessment of Master's thesis: "The pathogenesis of acute diverticulitis and the role of the intestinal microbiome". University of Otago, Christchurch. 2022

Assessment of Master's thesis "Acute Pancreatitis at CWM Hospital in Fiji – a retrospective study , Fiji National University, School of Medical Sciences, Suva, Fiji. 2022

One of my surgical registrars (RP), whom I have supervised while he was on his surgical training at Southland Hospital has published (GIST paper 2011) and presented with me (Posters at RACS/ASC meeting), had been accepted for a three-year research fellowship under Prof. John Windsor in Auckland to pursue a PhD. He has successfully defended his PhD.

## 7. Distinctions

- 2020 Southern District Health Board Excellence Award “Breaking Boundaries”
- 2019 Annual Senior Medical Officer “Excellence Award”, Deans Commendation School of Medicine
- 2015 Annual Excellence Award “Innovative Teaching”, Deans Commendation School of Medicine
- 2013 Annual Senior Medical Officer “Excellence Award”: Dean’s Commendation to Invercargill Teaching Staff
- 2011 Annual Senior Medical Officer “Excellence Award”: Dean’s Commendation to Invercargill Teaching Staff
- 2008 Annual Senior Medical Officer “Excellence Award”: Dean’s Commendation to Invercargill Teaching Staff
- 2002 PhD Thesis (German Habilitation, Privatdozent Dr. med. habil.) *Magna Cum Laude*
- 1999 Award Best Presentation at the German Annual Surgical Scientific Research Meeting, Marburg, Germany (500 Euro Award = 837 NZD)
- 1994 – 1996 a prestigious Research Grant for Young Academic Surgeons was awarded for a Two-Year Research Fellowship from the German Cancer Foundation DAAD (Mildred Scheel Foundation) to work at the University of Arkansas for Medical Sciences in Little Rock/Arkansas USA and the Arkansas Cancer Research Centre
- 1996 – 1997 Additional Research Grant was awarded for one additional year as Research Fellow from American National Cancer Institute (NCI) Grant– to continue and finish the work at the Arkansas Cancer Research Centre
- 1991 Doctoral Thesis (Doctor medicinae) *Summa Cum Laude*
- 1988 Presentation Award for Research Project and Diploma, Martin-Luther University Halle-Wittenberg Medical School, Germany
- 1987-1988 University Research Grant for a One-Year Research Fellowship at the Department of Pathology at the Martin-Luther University Halle-Wittenberg Medical School, Germany
- 1987 Graduate Diploma (German Diplommediziner) *Magna Cum Laude*

## 8. Teaching Activities

### (a) Range and level of teaching

- I have worked passionately as a joint-clinical Consultant Colorectal Surgeon, Surgical Oncologist, Endoscopist and Associate Dean Southland (0.2 FTE) to develop an academic research and teaching environment for a Southland University Study Hub and turn the Teaching Hospital into a small but vibrant Southland Academic Campus (OCD). As Associate Dean of Southland, I have changed the infrastructure and culture to foster high-quality Teaching and research activities in Southland in collaboration with the University. I launched, organised and chaired five successful Southland Campus Staff Development Workshops (OCD) on "Fostering an Academic environment at the Southland Campus" (2015), ensuring high-quality Teaching through "Teach the Teachers" (2017), "Advancing Research and Stimulating Collaborations" (2018), and "Improving research, teaching and collaboration among primary and secondary care and the SDHB management" (two well attended workshops in 2022), developed and established the curriculum for the Southland Campus Interprofessional Education workshops (IPE) since 2014 in collaboration with the Southern Institute of Technology (SIT), inaugurated a new Free Public Southland Campus Lectures Series on current health-related topics in 2018 (OCD) with now ten successful lectures delivered, and successfully funded the first Southland-Campus based Research Fellow.
- As an academic clinician, I try to inspire high academic performance and provide leadership across the Southland and Dunedin Campus. I have given regular weekly one-hour tutorials to our fourth-year medical students for the last 15 years in New Zealand, regularly presented at Workshops and scientific conferences, and have consistently taught our students and engaged

with them during daily ward rounds, operating theatre, and endoscopy and outpatient clinics. I received the annual Teaching Award four times for "Excellence in Teaching" in 2008, 2011, 2013, and 2019, and the "Excellence in Innovative Teaching" award in 2015. The SDHB acknowledged my "outstanding leadership and dedication in the development of the Southland Hospital Campus as a Campus of the Otago University" and presented me the Excellence Award for "Breaking Boundaries" in 2020. They commented that Konrad "works tirelessly to foster clinical, academic and research partnerships between the Southland Hospital and the University of Otago and is the epitome of breaking boundaries by working and sharing resources." (OCD). Besides my regular teaching responsibilities that included assessing PASAFs, case write ups and case appreciations I have organised regular suture workshops for medical students (OCD), presented at educational, scientific, and interdisciplinary conferences, workshops and lectures (OCD), I gave vertical lectures on surgical oncology and palliative surgery at the Dunedin Campus to 3rd-year ELM medical students. Today, the Southland Hospital Campus educates more than 300 students and TIs annually, involves more than 25 Senior and Clinical Lecturers and facilitates more than 15 current regional and national research projects involving the Southland specialities General and Orthopaedic Surgery, Urology, Mental Health, Ophthalmology, and Hospice Southland.

- Annual Vertical Lecture to 3<sup>rd</sup> Year Medical Students in Dunedin on "Principles of Surgical Oncology" (Colquhoun lecture theatre)
  - Teaching Topics include the whole general and special field of surgery, including surgical oncology, gastrointestinal and endocrine cancers and surgeries, hernias, ileus, palliative surgery, acute abdomen, and assisted dying & euthanasia
  - Daily teaching and clinical reasoning while having 4<sup>th</sup> year Medical Students at all times during ward rounds, in the operating theatre, during clinics and endoscopy sessions
  - Since 2014 – ongoing: Organization of and Participation at Regular Interprofessional Education (IPE) Simulation days every two months in collaboration with the Southern Institute of Technology: 4th and 5th Year Medical Students, 3rd year nursing Students, Physiotherapy and Laboratory Medicine Students
  - Since 2007 – ongoing: Assessments of PASAFs, Case Write Ups and Case Appreciations for 4th year medical students during their four-week surgical attachments at Southland Hospital
  - Since 2007 – ongoing: Daily teaching of 4th year medical students during surgical clinics, in the operating theatre and in the Endoscopy suite
  - 2001 – 2007: Monthly Specialist Curriculum Lectures in Palliative Care and Palliative Surgery for GPs
  - 1998 – 2007
    - Senior Clinical Lecturer at the University Friedrich-Schiller Medical School Jena, Germany: Weekly Frontal Lectures of 1.5 hours twice a week for 4th and 5th Year Medical Students: Topics included General and Special Surgery, Surgical Oncology, Hospice and Palliative Medicine
    - Weekly teaching seminars in General Surgery for Undergraduates and Postgraduate students as well as Operating Theatre nurses and Intensive Care Unit Nurses
    - Main Surgical Examiner for OSCE Final Medical School Surgical Exams for six years
    - Establishment of a surgical curriculum for 3<sup>rd</sup> year medical students in General and Special Surgery: 2002 - 2007
  - 1994 – 1997:
    - Lecturing at the University of Arkansas for Medical Sciences (UAMS), USA
    - Mentoring of Year 4 Student graduate research projects
    - Mentoring of a master thesis (Dr Jennifer Carr)
  - 1991 – 1994: Surgical Tutorials at the St. Elisabeth and St. Barbara Hospitals in Halle, Germany, to 6<sup>th</sup> year medical students and Nurses
- (b) *Development of significant innovations and/or publications in curriculum development, student assessment, teaching procedures and teaching materials*
- Inauguration and development of the University Study Hub at the Southland Campus - Te Wāhanga Matua Mātau Hauora Murihiku – Te Pūtahi Ako

- 1.5 Mio NZD investment
- Designed for University of Otago students and staff, the Health Sciences Southland Study Hub accommodates local research and is designed to enhance relationships with the Southland community.
- The Hub features
  - Modern video conference facilities
  - Space for consultation with research participants
  - 24-hour student study spaces
  - Teaching / tutorial / seminar rooms
  - Administration facilities
- Design and Development of a successful Interprofessional Education (IPE) Curriculum in collaboration with the Southern Institute of Technology at the Southland Hospital Campus in Invercargill since 2014 - ongoing
- Excellence Award for “Innovative Teaching” in 2015
- Fostering of the University Study of the Southland Hospital Campus Education and Learning Centre
- Organization of three Suture Workshop for Medical Students and young doctors
- Inauguration of Interdisciplinary Teaching Sessions with multiple specialties presenting on topic from different Perspectives starting in 2014
- Renovation and Consolidation of Southland Hospital Campus Accommodation Facility with Funding from the University of Otago:
  - new bathrooms on all three floors
  - new kitchen facilities on two floors
  - new lounges for students

(c) *Teaching administration and leadership, quality assurance, evaluation*

Since coming to the Southland Teaching Hospital of the University of Otago in 2007, I have realized the unique potential of this place and envisioned an Academic Campus with a Learning and Research Centre and the University Study Hub as its Centre. I have developed and changed the learning environment for our students, doctors, and staff. I have aimed to create a small but vibrant Campus and develop the infrastructure for an academic teaching and research environment. I have worked passionately as a clinically active Colorectal Surgeon and Surgical Oncologist, Senior Clinical Lecturer, Associate Dean Southland, and Clinical Associate Professor to achieve this goal over the last 15 years. Around 300 students annually are coming to Invercargill to study and learn; 25 students are at the campus at any given time. I have been strengthening collaborative ties with the Otago University by organizing and chairing collaborative workshops on “Teach the Teachers”, “Research”, “Engagement with Primary Care/GPs”, and Registrar “Research Audits”. I have involved the SDHB management and Executive and all interested staff to engage and collaborate in ongoing research and teaching activities and support an academic environment at the Southland Campus.

(d) Professional development achievements

Since I became the Associate Dean Southland in 2012 I have actively planned, promoted, forsterd and lobbied for an modern Southland Education and Research Centre - Te Wāhanga Matua Mātau Hauora Murihiku – Te Pūtahi Ako (1.5 Mio NZD):

<https://www.otago.ac.nz/healthsciences/southland-study-hub/>).

The Education Centre was officially opened on 19/8/2019. Attendees included the Chancellor of the Otago University Dr. Royden Somerville, the PVC Professor Paul Brunton, the CEO of the SDHB Chris Flemming, the Major of Invercargill Tim Shadbolt, SDHB Commissioner Kathy Grant, and Minister of Health Dr David Clarke. After the opening there was a dinner for invited guests at the Ascot Park Hotel.

I organized, chaired and presented at five well attended Staff Development workshops, with local speakers and guests from the Dunedin and Christchurch Campus of the University of Otago. The topics included ongoing Southland Campus and collaborative research activities "Fostering Teaching and Encouraging Research" (2015), "Teach the teachers" (2017), "Research" (2018), SDHB engagement and focus on a healthy combination of clinical care, research and high-quality teaching activities, engagement with Primary Care sector and GPs (February and November 2019).

Launching and successfully running the New Free Southland Hospital Campus Public Lecture Series; since 2018 ten Public Lectures have been successfully taken place. This work involved the Planning of the event, identifying a topic and titles for the presentations, identifying speakers that are specialists for those topics, organising the logistics, Chairing and often Presenting at 10 well-attended and applauded lectures with invited academic specialists from Southland and every time one guest speaker from the University of Otago. Topics covered colorectal, prostate, breast, and cervical cancer, vaccination, the healthy heart, modern hip replacement, euthanasia & assisted dying.

## 9. Student evaluation of teaching

- four times Annual University of Otago Teaching Award for "Excellence in Teaching for Senior Medical Officers" in 2008, 2011, 2013, and 2019
- Annual University of Otago Teaching Award for "Innovative Teaching" in 2015
- The student administrator of the University Study, Madge Storm (OCD 12) commented in her reference that she has "heard many comments from the students who have found him such an inspiration; one student said that he would name his first child after him, while another student said that she came to Southland to do her Trainee Intern year here because she found Konrad such an inspiration while she was a 4th-year student on his team, such is his influence with these young people."
- The Fijian registrar team wrote back after a volunteer trip to Suva as surgeon and educator: "He helped our surgical registrars doing Master of Surgery to prepare for their exams. Prof perform lectures, tutorials, and mock clinical scenarios for them. In addition, he presents current evidence from the literature to supplement Teaching. We all enjoyed his presentation on Surgical history and his involvement in Volunteering as a Surgeon"
- Dr Megan Anakin observed me lectures (10/8/2021) and commented "Konrad presented his material confidently. Students and colleagues responded to his enthusiasm for this topic by listening politely and with their full attention. He was well prepared and knowledgeable... His approach of storytelling with vivid examples and explanations is highly memorable."
- Examples of student feedback from recent tutorials and seminars are: "it was very useful, clear, interactive, and entertaining. You obviously like your career, and it comes across in our teaching. It makes the session more engaging" (OCD 7 Jessica Bruce 20/7/2021), "very informative, succinct, and clear re basic hernia treatment (OCD 8 Karine Partridge 3/8/2021), "making difficult topics easier to understand" (Lachlan Parlane 19/10/2021), and "drawings help to understand what I observed during surgical procedures" (OCD 9 Aakash Patel 19/10/2021). "I learned more about each topic in the 45-minute tutorials than in all of ELM. He is very engaging and teaches things simply without oversimplifying. Mr. Richter's teaching sessions were of great value! After each tutorial, I left with a greater understanding of the topic discussed".

## 10. Publications

My h-factor is 20 with 1550 citations, 50 scientific publications, 32 peer-refereed plus 30 non- refereed conference contributions, more than 95 presentations at national and international conferences,

many of them as invited speaker, three book chapters in established oncology and palliative medicine text books.

( b ) Book Chapter

- 2021: 1st Edition Elsevier Medical Textbook 2021 “Therapeutic Handbook Oncology and Hematology” (Therapie-Handbuch: Onkologie und Hämatologie), Book Chapter “Tumor Surgery” (Tumorchirurgie). P 19 - 26
- 2020: 2nd Edition Elsevier Essentials “Oncology – For Doctors of all Specialties” (Onkologie: Das Wichtigste für Ärzte aller Fachrichtungen). Book Chapter “General Principles of Oncologic Surgery” (Allgemeine Prinzipien der onkologischen Chirurgie). P 47 – 57
- 2017: 1st Edition Elsevier Essentials “Oncology – For Doctors of all Specialties” (Onkologie: Das Wichtigste für Ärzte aller Fachrichtungen). Book Chapter “General Principles of Oncologic Surgery” (Allgemeine Prinzipien der onkologischen Chirurgie). P 47 – 57
- 2015: 1st Edition Universitätsverlag Göttingen “Oncology for Palliative Medicine” (Onkologie für die Palliativmedizin). Book Chapter “Palliative Tumor Surgery for Non-Surgeons” (Tumorchirurgische Verfahren – für Nichtchirurgen). p 71 – 85

( c ) Refereed Journal Articles

1. Challenges in the Treatment of a Stingray Injury - A Rare Case Report in a Rural New Zealand Hospital. Black B., Londahl M, Richter KK accepted in the New Zealand Medical Journal. 2022
2. Laparoscopic spleen-preserving dome resection for a giant primary epithelial splenic cyst. Lowrie NR, Londahl MJ, Richter KK. BMJ Case Rep. 2021 12;14(9)
3. Biallelic variants in EFEMP1 in a man with a pronounced connective tissue phenotype. Sean G W Driver, Meremaihi R Jackson, Konrad Richter, Paul Tomlinson, Ben Brockway, Benjamin J Halliday, David M Markie, Stephen P Robertson, Wade E. Eur J Hum Genet 28(4): 445-452, 2020
4. Challenges in Decision Making in Elderly Patients with Gastrointestinal Malignancies. Wedding U, Audisio RA, Richter KK, Rostoft S. Visceral Medicine 2017;33(4): 281-83
5. Editorial “Challenges in Decision Making” Wedding U, Richter KK. Visceral Medicine 2017; 33(4): 244
6. Risk factors for adverse outcome for elderly patients undergoing curative oncological resection for gastrointestinal malignancies. Lim YK, Jackson C, Dauway EL, Richter KK. Visceral Medicine 2017;33(4): 254-261.
7. “Palliative Medicine and Hospice Care Movement Down under. Richter KK, Sommerfeldt A, Wedding U. Der Onkologe 2016
8. Breaking down educational silos. Rhodes J, Winder P, Stratheran M, McMillan M, Richter K, McLeod M. Nursing New Zealand 2016. 22(1): 16-17
9. Twin sisters with perforated sigmoid diverticulitis support heredity in the pathogenesis



- of diverticular disease. Winder A, Richter KK. *Int J Colorectal Disease* 2015
10. Challenges of Palliative Oncologic Surgery 2015. Richter K and Wedding U. *Der Onkologe* 10. 1074-1080
  11. Palliative Medicine and Supportive Therapy. Wedding U, Richter KK, van Oorschot B, Höffken K, Schlag PM, Bamberg M. *Onkologe* 2014; 20: 64 – 65
  12. Laparoscopic Adrenalectomy for a rare 14-cm Adrenal Schwannoma. Richter KK, Premkumar R, Yoon HS, Mercer P. *Surg Laparosc Endosc Percutan Tech.* 2011; 21(6): e339-43 (IF 0.88)
  13. Mutational status of KIT and PDGFRA and expression of PDGFRA are not associated with prognosis after curative resection of primary gastrointestinal stromal tumors (GISTs). Kern A, Görgens H, Dittert DD, Krüger S, Richter KK, Schackert HK, Saeger HD, Baretton G, Pistorius S. *J Surg Oncol.* 2011. 1;104(1): 59-65 (IF 2.64)
  14. Challenging differential diagnosis of a wild-type gastrointestinal stromal tumour (GIST) or rare reticular perineurioma of the stomach? The role for mutational analysis. Richter KK, Dempster A, Tos AP, Premkumar R, Jackson C. *N Z Med J.* 2011 Mar 25;124(1331): 45-55
  15. Down-regulation of MTUS1 in human colon tumors. Zuern C, Heimrich J, Kaufmann R, Richter KK, Settmacher U, Wanner C, Galle J, Seibold S. *Oncol Rep.* 2010 Jan; 23(1): 183-9 (IF 2.3)
  16. *Red eye and visual impairment two months after oesophageal resection with complicated postoperative course.* Richter JC, Waldegg G, Richter KK, *Praxis (Bern)* 2008. Oct 8; 97(20): 1091-1995
  17. The database dbEST correctly predicts gene expression in colon cancer patients. Radeva M, Hofmann T, Altenberg B, Mothes H, Richter KK, Pool-Zobel B, Greulich KO. *Curr Pharm Biotechnol* Dec 2008; 9(6): 510-515 (IF 3.4)
  18. Long-term follow-up in 54 surgically treated patients with gastrointestinal stromal tumours. Richter KK, Schmid C, Thompson-Fawcett M, Settmacher U, Altendorf-Hofmann A. *Langenbecks Arch Surg.* 2008; 393(6): 949-55 (IF 1.89)
  19. *A space-occupying lesion in the small pelvis during the second trimester of pregnancy. Diagnosis: Plexiform neurofibroma in the left sacral plexus.* Fiedler A, Schleussner E, Richter KK. *Der Gynaekologe* 2007; 40:218-220
  20. Physiological concentrations of butyrate favourably modulate genes of oxidative and metabolic stress in primary human colon cells. Sauer J, Richter KK, Pool-Zobel BL. *J Nutr Biochem* 2007;18(11): 736-45 (IF 4.55)
  21. Products formed during fermentation of the prebiotic inulin with human gut flora enhance expression of biotransformation genes in human primary colon cells. Sauer J, Richter KK, Pool-Zobel BL. *Br J Nutr.* 2007 May; 97(5): 928-37 (IF 3.3)
  22. Protein profiling of micro dissected pancreas carcinoma and identification of HSP27 as a potential serum marker. Melle C., Ernst G., Escher N., Hartmann D., Schimmel B., Bleul A., Thieme H., Kaufmann R., Felix K., Friess HM. Settmacher U., Hommann M., Richter KK, Daffner W., Täubig H., Manger T., Claussen U., Eggeling F. *Clinical Chemistry* 2007; 53(4):

629-635 (IF 7.15)

23. Implication of the anatomy of the pericardial reflection on positioning of central venous catheters. Bayer O, Schummer C, Richter KK, Fröber R., Schummer Wolfram. *Journal of Cardiothoracic Vasc Anesthesia* 2006; 20(6): 777-780 (IF 1.45)

24. Uranyl Nitratotriacetate (U-NTA), a stabilized salt of uranium, is genotoxic in non-transformed human colon cells and in the human colon adenoma cell line LT97. Knobel, Y.,Glei, M.; Weise, A.; Osswald, K. Schaferhenrich, A.; Richter, KK; Claussen, U.; Pool-Zobel, B.L.Toxicol Sci. 2006; 93(2): 286-97 (IF 4.33)
25. Orazipone, a locally acting immunomodulator, ameliorates intestinal radiation injury: A preclinical study in a novel rat model. Boerma, W., Wang, J., Richter KK, Hauer-Jensen, M. Int J Radiat Oncol Biol Phys. 2006; 66(2):552-9 (IF 4.52)
26. Hemoglobin and hemin induce DNA damage in human colon tumor cells HT29 clone 19A and in primary human colonocytes. Glei, M.; Klenow, S.; Sauer, J.; Wegewitz, U.; Richter KK; Pool-Zobel BL Mutation Research 2006; 594; (1-2) 162-171 (IF 3.9)
27. Butyrate may enhance toxicological defense in primary, adenoma and tumor human colon cells by favorably modulating expression of glutathione S-transferases genes, an approach in nutrigenomics. Pool-Zobel,B.L., Kautenburger,T., Kiefer,J., Richter KK, Sauer,J., Scheele,J, Soom,M., Veeriah,R., Wölfl,S. Carcinogenesis 2005; 26(6), 1064-1076 (IF 5.64)
28. Characterization of pepsinogen C as a potential biomarker for gastric cancer using a histoproteomic approach. Melle, C., Ernst, G., Schimmel, B., Bleul, A., Kaufmann, R., Hommann, M., Richter KK, Daffner, W., Settmacher, U., Claussen, U., von Eggling, F. Journal Proteome Res 2005: 4(5), 1799-1804 (IF 5.06)
29. Extravasal position of central venous catheters despite unsuspecting ecg-guidance (Extravasale Lage von zentralen Venenkathetern bei korrekter EKG-Ableitung). Schummer W.; Schummer, C.; Paxian, M.; Stock,U. Richter KK; Bauer, M. Anaesthesiol Intensivmed Notfallmed Schmerzther 2005; 40: 91-96
30. Lysis therapy of thrombosis of the superior mesenteric artery (Lysetherapie bei arterieller Thrombose der Arteria mesenterica superior). Hommann,M.; Richter KK; Heyne,J.; Behrend,U.; Rimpler,H.; Will,U.; Bartel,M.; Scheele,J Zentralblatt für Chirurgie 2003. 128 (2), 155-160 (IF 0.69)
31. Familial leiomyoma of the esophagus in combination with nephropathy. Richter KK, Thiele M, Mothes H, Scheele J. Viszeralchirurgie (Journal of Visceral Surgery) 2002. 430-433 (IF 0.02)
32. Cerebral toxoplasmosis after combined liver-pancreas-kidney and liver-pancreas transplantation. Hommann M, Schotte U, Voigt R, Glutig H, Grube T, Kornberg A, Richter KK; Scheele J. Transplantation Proceedings 2002. 34(6), 2294- 2295 (IF 0.95)
33. Association of p53 mutations, microvessel density and neoangiogenesis in pairs of colorectal cancers and corresponding liver metastases. Kern A, Taubert H, Scheele J, Rudroff C, Mothes H, Kappler M, Bartel F, Richter KK. International Journal of Oncology 2002. 21, 243-249 (IF 2.66)
34. Alport syndrome associated with diffuse leiomyomatosis: COL4A5-COLA4A6 deletion associated with a mild form of Alport nephropathy. Mothes H, Heidet L, Arrondel C, Richter KK, Thiele M, Patzer L, Sado Y, Gubler MC, Antignac C, and Scheele, J. Nephrology Dialysis Transplantation 2002. 17, 70-74 (IF 3.37)
35. Association between decreased pulmonary endothelial cell thrombomodulin and local

- fibrin deposition in pneumonia. Albertson CM, Richter KK, Kudryk BJ, Fink LM, Hauer-Jensen M. *Blood Coagulation and Fibrinolysis* 2001. 12(8), 729-33 (IF 1.25)
36. Radiation-induced granulocyte transmigration predicts development of delayed structural changes in rat intestine. Richter KK, Wang J, Fagerhol MK, Hauer-Jensen M. *Radiotherapy and Oncology* 2000. 59, 81-85 (IF 4.52)
  37. HELLP Syndrome as an Indication for liver transplantation. Hommann M, Schotte U, Richter KK, Moller U, Basciani R, Scheele, J. *Gynakol Geburtshilfliche Rundsch.* 41[1], 19 - 20. 2001
  38. Glycohistochemical monitoring of chemically induced sarcomas at different stages of tumorigenesis. Herling M, Knolle J, Bahn H, Gabius HJ, Richter KK, Rath FW, Hinze R. *In Vivo* 2000. 14[4], 499-506 (IF 1.22)
  39. Upregulation and spatial shift in the localization of the mannose 6-phosphat/insulin-like growth factor II receptor during radiation enteropathy development in the rat. Wang J, Richter KK, Sung CC, Hauer-Jensen M. *Radiotherapy and Oncology* 1999. 50, 205-213 (IF 4.52)
  40. Presarcomatous lesions of experimentally induced sarcomas in rats: morphologic, histochemical, and immunohistochemical features. Richter KK, Parham DM, Scheele J, Hinze R, Rath FW. *In Vivo* 1999. 13[5], 349-356 (IF 1.22)
  41. Differential effect of radiation endothelial cell function in rectal cancer and normal rectum. Richter KK, Fink LM, Hughes BM, Shmaysani HM, Sung CC, Hauer-Jensen M. *American Journal of Surgery* 1998. 176, 642-647 (IF 2.52)
  42. Cellular Sources of transforming growth factor b (TGF-b) isoforms in early and chronic radiation enteropathy. Wang J, Zheng W, Sung CC, Richter KK, Hauer-Jensen M. *American Journal of Pathology* 1998. 153[5], 1531-1540 (IF 4.52)
  43. Changes in transforming growth factor beta1 gene expression and immunoreactivity levels during development of chronic radiation enteropathy. Hauer-Jensen M, Richter KK, Wang J, Sung CC, Hardin JW. *Radiation Research* 1998. 150[6], 673-680 (IF 2.7)
  44. Hospice emphasizing Quality of Life – Comparison of Hospice between the United States and Germany (Hospiz betont die Lebensqualität). Richter KK. *Dt. Aerztebl* 1997. 94[15], A976 - A980
  45. Association of granulocyte transmigration with structural and cellular parameters of injury in experimental radiation enteropathy. Richter KK, Fagerhol MK, Carr JC, Winkler JM, Sung CC, Hauer-Jensen M. *Radiation Oncology Investigation* 1997. 5[6], 275-282
  46. Increased transforming growth factor beta (TGF-beta) immunoreactivity is independently associated with chronic injury in both consequential and primary radiation enteropathy. Richter KK, Langberg CW, Sung CC, Hauer-Jensen M *International Journal of Radiation Oncology Biology Physics* 1997. 39[1], 187-195 (IF 4.52)
  47. Is the loss of endothelial thrombomodulin involved in the mechanism of chronicity in late radiation enteropathy? Richter KK, Fink LM, Hughes BM, Sung CC, Hauer-Jensen M.

Radiotherapy and Oncology 1997. 44, 65-71 (IF 4.52)

48. Association of transforming growth factor b (TGF-b) immunoreactivity with specific histopathologic lesions in subacute and chronic experimental radiation enteropathy. Richter KK, Langberg CW, Sung CC, Hauer-Jensen, M. Radiotherapy and Oncology 1996. 39[3], 243-251 (IF 4.52)
49. *Remarks to the history of the histogenesis of sarcomas.* Rath FW and Richter KK Nowinje Lekarstje 1989. 1, 5-8
50. *The combination of scintigraphy and sonography in the diagnosis of an autonomous adenoma of the thyroid gland. Determination of the impulse-thickness-quotient.* Klaua M, Beyer HJ, Bittersohl A, Kolbel M, Richter KK. Radiobiologia- Radiotherapia 1988. 29[ 4], 469-474

( d ) Refereed Journal Articles and Non-refereed Journal Articles and Reports not included elsewhere

- German Habilitation – Associate Professor (Privatdozent Dr. med. habil.): Molecular and Cellular Pathogenesis, Monitoring, Prediction and Radioprotection of Intestinal Radiation Injury (Molekulare und zelluläre Pathogenese, Monitoring, Prädiktion und Radioprotektion intestinaler Strahlenschäden). Richter KK. Jena, University Friedrich-Schiller Medical School of Jena, German, Habil- Schr. 2002 (PhD Thesis 143 pages)
- German Doctoral Thesis (Dr. med.): Experimental studies on presarcomatous lesions of benzpyrene-induced soft tissue tumors. Histochemical and immunohistochemical studies with emphasis on vascular changes. (Frühstadien des Benzpyrensarkoms der Ratte unter besonderer Berücksichtigung des Gefäßverhaltens. Histologische und histochemische Untersuchungen). Richter KK. Halle, University Martin-Luther Medical School of Halle-Wittenberg, Germany, Doctoral Thesis (Masters Thesis) 1991, (Dissertation 95 pages)
- German Medical Diploma (Diplommediziner): The combination of szintigraphy and sonography in the diagnosis of an autonomous adenoma of the thyroid gland. Determination of the impulse-thickness-quotient (Die Kombination von Szintigraphy und Sonography bei der Bestimmung des Impuls-Dicken-Quotienten). Richter KK. Halle, University Martin-Luther Medical School of Halle-Wittenberg, Germany. Diploma Research Project 1988 (65 pages)
- As Surgeon in New Zealand. Passion Chirurgie (Surgery). 2015, 5(9). Article 09\_01
- Care not Cure. Hospice emphasizes quality of life. Deutsches Ärzteblatt (German Doctor's Journal). 1997, 15(11). A976-A980

( g ) Refereed Conference Proceedings

1. Richter KK, Austin, Sommerfeldt A. Challenges and strengths of surgical and palliative care team collaboration in the management of complex palliative cancer patients. Bangkok RACS 2019. Verbal Presentation. ANZ J Surg. 2019; 89 (S1) 157 – 167 (RS012)

2. Richter KK, Colorectal Surgery for Provincial Surgeons. Bangkok RACS 2019. Invited Paper. Verbal Presentation. ANZ J Surg. 2019; 89 (S1) 157 – 167 (RS023)
3. Black B, Richter KK, Glenn J. The danger of a stingray barb – literature review and case report of a stingray injury requiring surgical care in a rural hospital. Bangkok RACS 2019. Verbal Presentation. ANZ J Surg. 2019; 89 (S1) 157 – 167 (RS014)
4. Lim, Y. K., Reeves, M., & Richter, K. (2017). No need for routine intraoperative cholangiography (IOC) during laparoscopic cholecystectomy. ANZ Journal of Surgery, 87(Suppl. 1), pp. 109-110
5. Winder, A., & Richter, KK. (2017). Stapled versus hand-sewn ileocolic anastomoses in 233 patients after right hemicolectomy. ANZ Journal of Surgery, 87(Suppl. 1), (pp. 109).
6. Lim, Y. K., Reeves, M., & Richter, K. (2017). No need for routine intraoperative cholangiography (IOC) during laparoscopic cholecystectomy. ANZ Journal of Surgery, 87(Suppl. 1), pp. 109-110
7. Lim, Y. K., Snoep, K., Watson, B., Kee, R., & Richter, K. (2017). Experience of enhanced recovery after surgery (ERAS) protocol adopted in a rural hospital. ANZ Journal of Surgery, 87(Suppl. 1), (pp. 109)
8. Acute-elective surgery split: Is it feasible in a provincial hospital? Barnes T, Pfeifer M, Richter KK, Samson P, Smith M, & Speight J. 2013. ANZ Journal of Surgery, 83(Suppl. 1): 47

9. Can giant hiatus hernias be operated on safely outside of a specialist centre? Barnes T, Richter KK, & Smith M. 2013. ANZ Journal of Surgery, 83(Suppl. 1): 58
10. Low risk for dysphagia and good reflux control with division of short gastric vessels during laparoscopic NISSEN. Richter KK, Ball K, & Collett J. 2012. ANZ Journal of Surgery, 82(Suppl. 1): 97, Royal Australasian College of Surgeons Annual Meeting RACS, Kuala Lumpur, Malaysia
11. Challenging differential diagnosis of a wild-type gastrointestinal stromal tumor (GIST) or rare reticular perineurioma of the stomach? The role of mutational analysis. Richter KK, Dempster A, Tos APD, Premkumar R, Jackson C. New Zealand Medical Journal 2011, Vol 124 No 1331, p5
12. Transanal endoscopic microsurgery (TEM) in a teaching hospital: indications, pitfalls and results. Richter K.K. and W. Kamali. Colorectal Disease. Vol 13, Suppl. 5, July 2011: 73, Colorectal Tripartite Meeting, 3-7 July 2011 Cairns, Australia
13. Risk factors and quality of life in 137 patients with intestinal stoma complications. Richter KK, Krug M, Settmacher U, Pfeifer M, Thompson-Fawcett M. ANZ Journal of Surgery 2009, 79 (Suppl. S1), A26/GS08,
14. Left laparoscopic adrenalectomy for a rare cavernous haemangioma. Richter KK, Pfeifer M, Dempster A, Losco G, Elliot T. ANZ Journal of Surgery 2009. Vol 79 (Suppl. S1): A22-A23/ES21P. Annual Scientific Congress of the Royal Australian College of Surgeons Annual Scientific Meeting (RACS), May 5th-9th, 2009, Brisbane, Australia
15. Surgery for palliation. Richter KK. Critical Reviews in Oncology Hematology (Vol 50, Suppl. 1); page S13. 2006
16. Operative therapy of a pelvic Neurofibrome in pregnancy – A case report (Operative Therapie eines pelvinen Neurofibroms in der Schwangerschaft–eine Fallvorstellung). Fiedler A, Klemm P, Richter KK, Gajda M, Schneider U, Schleussner E. Geburtshilfe Frauenheilkd 2006; 67. 56th Congress German Society of Obstetrics and Gynecology, 19th- 22nd September, 2006, Berlin, Germany
17. Investigations on the role of apoptosis-regulating proteins in thyroid cancer. Mothes H, Tannapfel A, Richter KK, Schilli-Westermann M, Thiele M, Scheele J. Langenbecks Arch Chir 2000, 385:426.
18. Laminin-5-gamma2-chain during the colorectal adenoma-carcinoma-sequence: from primary anchoring protein to an invasion promotor. Kuepper B, Kosmehl H, Settmacher U, Richter KK. European Journal of Cancer/Supplement, 2005/10/1, Vol.3(2), 193-194
19. Intraluminal application of potential radioprotectors in an animal model of localized hypofractionated small bowel irradiation. European Cancer Conference 11/European Society for Therapeutic Radiology and Oncology, Lisbon, Portugal, 2001. Richter KK, Meyer A, Wedel T, Erdmann B, Fuller J, Wendt T, Kosmehl H, Schubert H, Scheele J. P757 European Journal of Cancer, Volume 37, Supplement 6, page S207
20. Investigations on the role of apoptosis-regulating proteins in thyroid cancer. Mothes H, Tannapfel A, Richter KK, Schilli-Westermann M, Thiele M, Scheele J. Langenbecks Arch Chir 2000, 385:426.

21. Radiation-induced changes of circulating thrombomodulin in rectal cancer patients. Richter KK, Roskos M, Brandl A, Erdmann B, Wendt Th, Scheele J. *Radiother Oncol* 2000, 56:S 192/740.
22. Endothelial Cell Injury and Cell Kinetics in Normal Rectum after Neoadjuvant Hyperfractionated Radiochemotherapy. Poster and Oral Presentation. European Cancer Conference 10/European Society for Therapeutic Radiology and Oncology, Vienna, Austria. *European Journal of Cancer*. Volume 35, Supplement 4, pages S181-182
23. TGFbeta in the molecular pathogenesis of chronic experimental radiation enteropathy (Tierexperimentelle Untersuchungen zur molekularen Pathogenese chronischer strahleninduzierter Dünndarmfibrosierungen). Richter KK, Hauer-Jensen M. *Langenbecks Arch.Chir.* 384[5], 503. 1999
24. Radiation proctitis - cellular and molecular pathogenic mechanisms. Richter KK, Schilli-Westermann M, Brandl A, Tannapfel A, Haenel C, Erdmann B, Mothes H, Thiele M, and Scheele M. *Langenbecks Arch.Chir.* 384[5], 504. 1999
25. Präoperative akzelerierte Radiochemotherapie (akzRChT) bei fortgeschrittenem Rektumkarzinom: Ergebnisse der Pilotstudie. Erdmann B, Richter KK, Altendorf-Hofmann A, Scheele J. *Strahlenther Onkol* 1999, 175:159
26. Association between decreased pulmonary endothelial cell thrombomodulin and local fibrin deposition in pneumonia. Albertson CM, Richter KK, Martine AR, Kudryk BJ, Fink LM, Hauer-Jensen M. *Thrombosis and Haemostasis* 1999, S460: 1454
27. Experimental studies on monitoring radiation induced intestinal radiation injury (Tierexperimentelle Untersuchungen zum Monitoring strahleninduzierter Dünndarmschäden). Richter KK, Hauer-Jensen M. *Strahlenther Onkol* 1999, 175:51/5.
28. Endothelial cell injury and cell kinetics in normal rectum after neoadjuvant hyperfractionated radiochemotherapy. Richter KK, Tannapfel A, Schilli-Westermann M, Erdmann B, Brandl A, Thiele M, Wendt Th, Scheele J. *European Journal of Cancer* 1999, 35(4); S181-182: 693
29. Mucosal immunomodulation ameliorates early stromal changes after intestinal irradiation. Wang J, Richter KK, Zheng H, Krepps BT, Hauer-Jensen M. *International Journal of Radiation Oncology Biology Physics* 1999; 45(3): 284
30. Differential effect of radiation on endothelial cell function in rectal cancer and normal rectum. Richter KK, Fink L, Hughes BM, Shmaysani HM, Sung CC, Hauer-Jensen M. *American Journal of Surgery* 1998; 176(6): 646-647
31. Significance of endothelial dysfunction in the molecular pathogenesis of intestinal radiation injury. Hughes BM, Richter KK, Fink LM, Hauer-Jensen M. *Radiotherapy and Oncology* 1996; 1: 40. S85
32. Fractionation schedule affects transforming growth factor  $\beta$  expression in chronic radiation enteropathy. Hauer-Jensen M, Richter KK, Sung CC, Langberg CW. *International Journal of Radiation Oncology Biology Physics* 1995; 1, 32: 235



(c) Non-Refereed Conference Proceedings

1. Experience of medical students and their seniors. Mohamed F., Richter KK., and Anakin, M. Australian and New Zealand Prevocational Medical Education Forum 18-19/10/2021
2. HELLER myotomy and DOR fundoplication for achalasia in Southland patients. Kamali W, Premkumar R, & Richter KK. 2011, Poster session presented at the New Zealand Association of General Surgeons (NZAGS) Conference: GI Surgery, New Plymouth, New Zealand
3. Rare renal cell carcinoma metastases to the stomach, pancreas, and breast: Significance of three case reports, incidence, therapy, and outcome. Hore T, & Richter K. 2010. Poster session presented at the New Zealand Association of General Surgeons Annual Meeting: General Surgery in the New Decade, Tauranga, New Zealand
4. Primary carcinoma of the small intestine: A rare cause of anaemia in a young man. Losco G, & Richter K. 2010. Poster session presented at the New Zealand Association of General Surgeons Annual Meeting: General Surgery in the New Decade, Tauranga, New Zealand.
5. Left laparoscopic adrenalectomy of a rare large schwannoma. Premkumar R, Richter K. 2010. Poster session presented at the New Zealand Association of General Surgeons Annual Meeting: General Surgery in the New Decade, Tauranga, New Zealand.
6. 2006 "Clinical and patho-histologic studies on 53 gastrointestinal stromal tumors: Standards and Innovations ". 3rd Surgical Congress of Middle-Germany (Saxony, Thuringia, and Saxony-Anhalt), Leipzig, Germany
7. 2006 "How to make the surgical treatment of patients with liver metastases more cost efficient?". 3rd Surgical Congress of Middle-Germany Saxony, Thuringia, and Saxony-Anhalt, Leipzig, Germany
8. 2005 "Experimental Radiation enteropathy". 122nd Annual Surgical Congress, Munich, Germany
9. 2005 "Surgical treatment of complications after 2303 percutaneous endoscopic gastrostomies". 6th Hans- Kehr-Symposium of interdisciplinary Gastroenterology and Visceral Surgery, Oberhof, Germany
10. 2003 „Identification of specific protein patterns in colorectal adenomas and cancer by proteome analysis". Annual Meeting of the Thuringia Surgical Society, Jena, Germany

11. „Acute abdomen in intestinal tuberculosis“. Annual Meeting of the Thuringia Surgical Society, Jena, Germany, 2003
12. “Association of p53 mutations, micro vessel density and neoangiogenesis in pairs of colorectal cancers and liver metastases“. 1st International Congress of Molecular Staging of Cancer, Munich, Germany, 2001
13. 2000 “A new experimental rat model to study radiation-modifying agents’ intraluminally“. German Surgical Research Forum, Luebeck, Germany
14. 2000 “Radiation-induced Changes of Circulating Thrombomodulin in Rectal Cancer Patients“. 19th Annual Meeting European Society for Therapeutic Radiology and Oncology, Istanbul, Turkey
15. 2000 “Association of thrombomodulin in plasma and normal rectum in irradiated rectal cancer patients“. 4th Wolfsberg Meeting on Molecular Radiation Biology/Oncology, Ermatingen/ Wolfsberg, Switzerland
16. 1999 “Cellular and molecular mechanisms in normal non-malignant human rectum after hyper fractionated radiotherapy“. 3rd Wolfsberg Meeting on Molecular Radiation Biology/Oncology, Ermatingen/ Wolfsberg, Switzerland
17. 1998 “Endothelial cell thrombomodulin immunoreactivity is decreased in lung specimens from patients with pneumonia“. University of Arkansas for Medical Sciences, College of Medicine Student Research Week, and Little Rock, AR, USA
18. 1998 “Amelioration of experimental radiation enteropathy by a synthetic somatostatin analogue“46th Annual Meeting, Radiation Research Society, St. Louis, USA
19. 1998 “Does the M6P/IGF-II Receptor regulate TGF-beta1 tissue specificity in radiation enteropathy?“46th Annual Meeting, Radiation Research Society, St. Louis, USA
20. 1998 “Suppression of local inflammatory mediator production ameliorates intestinal radiation toxicity“. 59th Annual Meeting Milwaukee, Wisconsin, Southwestern Surgical Congress, Milwaukee, Wisconsin, USA
21. 1997 “Early granulocyte marker protein excretion is an independent predictor of late radiation enteropathy“. 45th Annual Meeting, Radiation Research Society, Providence, Boston, USA
22. 1997 “Association of chronic endothelial dysfunction with sustained transforming growth factor-b (TGF-b) over expression and progression of experimental radiation enteropathy“45th Annual Meeting, Radiation Research Society, Providence, Boston, USA
23. 1997 “Differential expression of transforming growth factor-b (TGF-b) isoforms in experimental radiation enteropathy“. 45th Annual Meeting, Radiation Research Society, Providence, Boston, USA
24. 1997 “Early granulocyte marker protein excretion is an independent predictor of late radiation enteropathy“. 45th Annual Meeting, Radiation Research Society, Providence, Boston, USA

25. 1996 "Significance of increased transforming growth factor b1 gene expression in the pathogenesis of radiation enteropathy". 44th Annual Meeting, Radiation Research Society, St. Louis, USA
26. 1995 "Fractionation schedule affects transforming growth factor expression in chronic radiation enteropathy". 10th International Congress of Radiation Research, Wurzburg, Germany
27. 1996 "Granulocyte marker protein - a novel method to monitor intestinal radiation injury." 44th Annual Meeting, Radiation Research Society, St. Louis, USA
28. 1995 "Faecal calprotectin is a marker of intestinal radiation injury" UAMS College of Medicine Student Research Week, Little Rock, AR, USA

( h ) Other significant Conference Involvement, invited and keynote speaker

1. 2022: Chair Colorectal Tripartite Meeting in Auckland: Symposium I.2b: Biomedical/Biotech Innovations. Tuesday 22 February 2022
2. 2021 Keynote speaker: Murihiku Māori Cancer Community Hui at the Murihiku Marae. "Through my Surgical and Southland lens". 17/7/2021
3. 2021: Scientific Surgical Zoom Conference with surgical colleagues overseas in Australia; Prof Hewitt, Prof Rickard and Solomon Island surgeons; Dr Rooney Jagilly. 25th of May, 2021, two hours
4. 2020 Keynote Speaker "Assisted Dying & End-of-Life Decisions: What do we know, what do we want, and what does it all mean"? Southland Campus Public Lecture on Assisted Dying and Euthanasia. 5/3/2020 Southland Campus University Study Hub Invercargill
5. 2019: Invited verbal presentation "How to do a SHOULDICE repair if the patient refuses mesh or the surgeon prefers a mesh-free repair? " Verbal presentation at NZ Association of General Surgeons (NZAGS) Annual Scientific Meeting, Christchurch, March 2019
6. 2019: Richter KK, Austin, Sommerfeldt A. Challenges and strengths of surgical and palliative care team collaboration in the management of complex palliative cancer patients. Bangkok RACS 2019. Verbal Presentation. 6-10/5/2019
7. 2019: Richter KK, "Colorectal Surgery for Provincial Surgeons". Bangkok RACS 2019. Invited Verbal Presentation
8. 2019: Invited Speaker 29/6/2019 at the Australian and New Zealand Society of Palliative Medicine (ANZSPM) Aotearoa 2019 Annual Education Update, Queenstown: Surgery in Palliative Care.
9. 2018: Hospital Palliative Care Study Day, Invited Presentation at the Southland Campus Education Centre "Surgical Palliative Care in the Hospital Setting". 7/11/2018

10. 2018: Dunedin Annual Scientific Meeting NZ Society of Gastroenterology: Co-Chair session "Pancreas Update". 23/11/2018
11. 2018: Dunedin Annual Scientific Meeting NZ Society of Gastroenterology: Co-Chair session "Working in the Pacific". 22/11/2018
12. 2018: Dunedin Annual Scientific Meeting NZ Society of Gastroenterology and "Strengthening Partnership for Pacific Health". Verbal Presentation "Pacific Theatre – A Solomon Island Surgical Experience". 22/11/2018
13. 2018: Keynote Speaker Presentation "Multidisciplinary Team – Working together". Australasian Theatre Manager and Educators Conference, Queenstown 04/05/2018
14. 2018: Keynote Speaker at the General Practitioner Educational Weekend, Borland Lodge. "The acute Abdomen and the Abdominal Trauma" plus entertainment talk on "The Heroic Age of Antarctic Exploration" 26/5/2018
15. Chair Interprofessional Staff Development Southland Hospital Campus. "Fostering Research and Collaboration". 25/5/2018
16. 2018: "Challenges and Modern Management in Colorectal Cancer". Keynote Speaker Southland Campus Public Lectur, University Study Hub Invercargill. 12/6/2018
17. 2017: Invited Speaker "Men's Health Prevention and Prophylaxis". 5/7/2017. Tuatapere Medical Centre
18. 2017: Invited Speaker. German Workshop Proctology. 1/12-2/12/2016. Dresden, Germany: "Anal Cancer"
19. 2017: Chair Interprofessional Staff Development Southland Hospital Campus "Teach the Teachers". 16/3/2017
20. 2017: "Future Face of Healthcare" Public Lecture Southland, Centre Stage Theatre Invercargill in collaboration with Dunedin School of Medicine. Presentation "Modern Surgery in Southland". 6/4/2017 in cooperation with the Dunedin School of Medicine. Speakers: Associate Professor Konrad Richter, Professor Fiona McQueen, Dr Chris Jackson, Associate Professor Sarah Young, Associate Professor Gerard Wilkins. 6/4/2017
21. 2016: End of Life – Hospice Southland: Challenges and Opportunities in End of Life Care. Invercargill 28/7/2015
22. 2016: Invited Speaker. German Workshop Proctology. 1/12-2/12/2016. Weissenfels, Germany: "Anal Intraepithelial Neoplasia and Anal Cancer"
23. 2016: Invited Speaker "Principles of Surgical Oncology", Apia/Samoa Pacific Island Surgical Association. 5/9-8/9/2016
24. 2015: Invited Speaker "Challenges and Opportunities in End of Life Care". SDHB & Southland Hospice End of Life Study Day. 28/7/2015, Invercargill
25. 2015: Chair Interprofessional Staff Development Southland Hospital Campus "Fostering

Respect, Academic Medicine and Collaboration". Invercargill Campus

26. 2014: Keynote Speaker: The Royal Australian and New Zealand College of Obstetricians and Gynaecologists: New Zealand Committee 2014 Annual Scientific Meeting, Queenstown, New Zealand. "General/Colorectal Surgery and Interfaces with Gynaecological Surgery
27. 2013: Invited Speaker. German Workshop Proctology. 5/12/-6/12/2013. Dresden, Germany: "Anal Intraepithelial Neoplasia and Anal Cancer"
28. 2012: Keynote Speaker. The Australian and New Zealand Society of Palliative Medicine. Biennial Conference, Queenstown: „Surgical Interventions in Palliative Care“, New Zealand
29. 2012: Invited Speaker. German Workshop Proctology. 6/12/-7/12/2013. Weissenfels, Germany: "Precancerous Lesions and Anal Cancer"
30. 2011: Invited Speaker. Annual Scientific Meeting of the New Zealand Society of Gastroenterology. 25/11 – 26/11/2011. "Gastrointestinal Stromal Tumor (GIST)"
31. 2011: Invited Speaker. 6. Saale-Unstrut-Symposium, Freyburg, Germany: "Transanal Endoscopic Microsurgery"
32. 2011: Invited Speaker. Workshop Colorectal Cancer, Queenstown Medical Center, NZ, "Modern Colorectal Surgery"
33. 2010: Invited Speaker. Colorectal Cancer Workshop, Ascot Park Hotel, Invercargill, NZ: "Update on Surgery for Colorectal Cancer"
34. 2010: Invited Speaker. Coloproctology Workshop, Halle/Saale, Germany: "Anal Cancer"
35. 2010 Richter, K. K., Dempster, A., Premkumar, R., & Elliot, T. (2010, March). *Role of mutational analysis in surgical treatment of Gastrointestinal Stromal Tumours (GIST)*. Oral presentation at the New Zealand Association of General Surgeons Annual Meeting: General Surgery in the New Decade, Tauranga, New Zealand.
36. 2009: Invited Speaker. German Workshop Proctology, Halle/Saale, Germany: "Anal Cancer"
37. 2009: Invited Speaker. Southern Regional Multidisciplinary Meeting on GIST, May 21st, 2009, University of Otago, Dunedin. "Surgery and GIST"
38. 2009: Annual Scientific Congress of the Royal Australian College of Surgeons. Annual Scientific Meeting (RACS), May 5th-9th, 2009, Brisbane, Australia. "Risk factors and quality of life in 137 patients with intestinal stoma complications."
39. 2009: *AIN, Bowen's disease and anal cancer*. Richter, K. Verbal presentation at the Royal Australasian College of Surgeons 78th Annual Scientific Congress: Surgeons and the Community, Brisbane, Australia. (RACS), May 5th-9th
40. 2009: *Colorectal cancer: Standards and future developments in colorectal surgery*. Richter KK. Verbal presentation at the New Zealand Association of General Surgeons Annual

Meeting, Invercargill, New Zealand. May 27th-29<sup>th</sup>

41. 2009: Chair Session "Surgical Oncology". New Zealand Association of General Surgeons's Annual Scientific Conference, Invercargill May 2009
42. 2008: New Zealand Annual Scientific Meeting of the Royal Australian College of Surgeons August 27th-29th, 2008, Palmerston North: "Prognosis and outcome of surgically treated patients with gastrointestinal stromal tumours (GIST)"
43. 2008: New Zealand Annual Scientific Meeting of the Royal Australian College of Surgeons August 27th-29th, 2008, Palmerston North, "Transanal Endoscopic Microsurgery (TEM) – a safe and reliable technique for rectal adenomas and low grade 1 rectal cancers: First Experiences at Southland Hospital"
44. 2008: Invited Speaker. German Coloproctology Workshop, Dresden, Germany: "Anal Cancer"
45. 2007: Invited Speaker. Scientific Symposium "START 1 – Colorectal Cancer", Chemnitz, Germany: "State of the art in liver surgery"
46. 2007: 124th Annual German Surgical Congress, Munich, Germany: "Outcome after 72 resections using pancreatico-gastrostomy with mattress sutures for pancreatic cancer"
47. 2007: 8th Surgical Erzgebirge-Symposium, Oberwiesenthal, Germany: "Neoadjuvant Therapy in Rectal Cancer"
48. 2006: Ethics Workshop "Euthanasia between Autonomy and Commercialization", Bad Langensalza, Germany: "Ethical Questions in complex Tumour surgery"
49. 2006: German Coloproctology Meeting, Dresden, 2006: oral presentation "Anal Cancer"
50. 2006: 23rd Scientific Oncology Symposium, Jena, Germany: "Palliative cancer surgery for the older patient"
51. 2006: Scientific Surgical Meeting ("Oesophageal Cancer"), University Friedrich-Schiller-Jena, Germany (Congress Secretary of the Meeting and Speaker): "Results after 42 oesophageal cancer resections – state of the art diagnostics and surgery"
52. 2006: Scientific Meeting Heads of Surgical Departments of Thuringia 8/11/2006: Congress Chair and Presentation "Modern Therapy of Oesophageal Cancer"
53. 2006: 23rd Jena Surgical Symposium, 11/2006, Jena: Presentation: "State of the art of liver surgery"
54. 2006: Scientific Meeting "Colorectal Surgery", 14/3/2006, Congress Chair, University Friedrich-Schiller Medical School of Jena
55. 2006: Scientific Symposium "Innovations in Modern Liver Surgery", 5/1/2006, University Friedrich-Schiller Medical School of Jena
56. 2006: Annual German Surgical Meeting of Combined Thuringia, Saxony, Saxony-Anhalt, 9/2006, Leipzig: Oral Presentation "GIST-Long-term follow up"

57. 2006: Invited Speaker. International Society of Geriatric Oncology, 11/2006, Den Hague, Netherlands, oral presentation: "Palliative gastrointestinal surgery"
58. 2006: Scientific Stoma Meeting, University Friedrich-Schiller-Jena, Germany: "Indication and technique for small and large intestinal stoma surgery"
59. 2006: Scientific Surgical Meeting "(Colorectal Surgery)", University Friedrich-Schiller-Jena, Germany: "Standards and innovations in laparoscopic colorectal surgery"
60. 2006: Scientific Surgical Meeting ("Liver Surgery"), University Friedrich-Schiller-Jena, Germany (congress secretary): "Thermo-ablation of liver metastases"
61. 2006: 123rd German Surgical Congress Berlin, 5/2006: Oral Presentation "Radiation Enteropathy – a new animal model"
62. 2005: 22nd Scientific Oncology Symposium, Jena, Germany: "Surgery of the early rectal cancer"
63. 2005: Annual Surgical Meeting of the Thuringia Surgical Society, Gotha, Germany: "Review of prokinetic agents and treatment of postoperative sub-ileus"
64. 2005: 122nd Annual German Surgical Congress, Munich, Germany: "Gamma-2-chain of Lamin-5 within the colorectal adenoma-carcinoma-sequence - Anker protein to invasion promoter"
65. 2004: Invited Speaker, Department of Surgery, and St. Elizabeth-Hospital Halle, Germany: "How to treat radiation enteropathy"
66. 2004: Annual Meeting of Coloproctologists (Thuringia, Saxony, Saxony-Anhalt), Weimar, Germany: "Surgical treatment of rectal Prolapse"
67. 2004: 14th Thuringia Workshop of Surgical Endoscopy, Jena, Germany: "Indication, technique and pitfalls in Transanal endoscopic microsurgery (TEM)"
68. 2004: 14th Thuringia Workshop of Surgical Endoscopy, Jena, Germany: "Pre-therapeutic staging of rectal cancer"
69. 2004: 10th Annual Congress of the German Radiation Oncology Society, Erfurt, Germany: "Today lab – tomorrow clinic"
70. 2004: European Board of Surgical Qualification/Surgical Oncology, 31/3/2004: Fellowship Examination Exit Examination
71. 2003: 10th Surgical Workshop "Quality assurance and evidence in Surgery", Magdeburg, Germany: "Techniques of anastomoses and reconstruction in stomach cancer surgery"
72. Congress Chair (Organisation and Presentation) of the Annual Scientific Congress of the Thuringia Surgical Society, Jena 26-28/6/2003, Jena
73. 2003: Invited Speaker. Interdisciplinary Scientific Symposium "Palliative Medicine –

- Standards and perspectives”, Jena, Germany: “The role of Surgery in palliative medicine”
74. 2003: Congress Secretary and Speaker: Annual Scientific Thuringia Surgical Conference, 26-28/6/2003
  75. 2003: Invited Speaker. Alt-Meusebacher Symposium “The older patient”, Alt-Meusebach, Germany: “The old patient – too old for surgical tumour resection?”
  76. 2003: Annual Surgical Meeting of the Thuringia Surgical Society, Jena, Germany (congress secretary): “Developmental potential of young surgeons – personality, surgical training and community expectations”
  77. 2003: Annual Surgical Meeting of the Thuringia Surgical Society, Jena, Germany (congress secretary): “Gamma-2-chain of Laminin 5 in the colorectal adenoma-carcinoma-sequence”
  78. 2003: Annual Surgical Meeting of the Thuringia Surgical Society, Jena, Germany (congress convener): “Prospective study on early and late stoma complications”
  79. 2003-2007: twice yearly: Basis and Advanced Courses in Palliative Medicine (every 2-3 months), Jena, Germany: “The role of surgery in interdisciplinary palliative medicine
  80. 2003: 22nd North-German Surgical Meeting, Schwerin, Germany (“Surgery in Germany yesterday – today - tomorrow”): “Surgical training and perspectives – what do we expect from a surgeon today”
  81. 2002: 12rd Thuringia Workshop of Surgical Endoscopy, Jena, Germany: “Surgery required complications after percutaneous endoscopic gastrostomies”
  82. 2000: Invited Speaker at the Department of Radiation Oncology of Dresden Gustav-Carus University, Germany: “Radiation enteropathy” (by Dept head Prof. Michael Baumann)
  83. 2000: 4rd German Research Forum, Luebeck, Germany: “Association of p53 mutations, microvessel density and neoangiogenesis in pairs of colorectal cancers and corresponding liver metastases”
  84. 2000: 10rd Thuringia Workshop of Surgical Endoscopy, Jena, Germany: “Endoscopic and radio guided Application of trelumina tubes in the treatment of gastro-jejunal dissociation”
  85. 2000: Invited Speaker at the Department of Radiation Oncology of Zurich University, Zurich, Switzerland: “Intestinal radiation injury – pathogenesis, prediction and radioprotection” (by Dr Stefan Bodis)
  86. 1999: 3rd German Research Forum, Marburg, Germany: “Molecular Pathogenesis of experimental chronic intestinal radiation fibrosis”
  87. 1999: 3rd German Research Forum, Marburg, Germany: “Radiation proctitis – cellular and molecular pathogenetic mechanisms”



88. 1999: 5th Annual German Congress of Radiation Oncology, Radiation Biology and Medical Physics, Karlsruhe, Germany: "Preoperative accelerated Chemoradiation in advanced rectal cancer: Results from a pilot study"
89. 1999: 5th Annual German Congress of Radiation Oncology, Radiation Biology and Medical Physics, Karlsruhe, Germany: "Experimental investigations on monitoring radiation-induced intestinal radiation injury"
90. 1999: 3rd Annual Meeting of the Society for Radiation Biology, Dresden, Germany: "Experimental investigations on the pathogenesis of radiation-induced fibrosis in rats"
91. 1999: European Cancer Conference 10/European Society for Therapeutic Radiology and Oncology, Vienna, Austria: "Endothelial Cell Injury and Cell Kinetics in Normal Rectum after Neoadjuvant Hyper fractionated Radiochemotherapy" (poster and oral presentation)
92. 1999: 3rd Colo-Proctology Symposium, Cochem, Germany: "Clinical and molecular-biological considerations of neoadjuvant chemoradiation therapy in rectal cancer"
93. 1999: Invited speaker. 8th Annual Meeting of the middle-German Gastroenterological Society, Halle, Germany: "Intestinal ischemia – when conservative treatment, when to operate?"
94. 1999: Scientific Workshop and Symposium on Apoptosis in Cancer Research, Friedrich-Schiller-University Jena, Germany: "Apoptosis-regulating proteins, proliferation and endothelial injury in the pathogenesis of radiation enteropathy"
95. 1998: 4th Annual German Congress of Radiation Oncology, Radiation Biology and Medical Physics, Nuremberg, Germany: "Radiation-induced alterations on endothelial function in malignant and non- malignant rectal tissue"
96. 1998: 8th Annual Congress of the Saxony-Anhalt Surgical Society, Wittenberg, Germany: "Monitoring experimental intestinal radiation injury"
97. 1998: 50th Annual Meeting of the Southwestern Surgical Congress, Texas, USA: "Differential Effect of adjuvant radiation therapy on endothelial cell function in rectal cancer and normal rectum"
98. 1997: Student Research Forum, University of Arkansas for Medical Sciences, Little Rock, AR, USA: "Pharmacological modulation of radiation enteropathy"
99. 1995: 5th Surgical Congress of the Saxony-Anhalt Surgical Society, Bernburg, Germany: "Molecular mechanisms of intestinal radiation injury"
100. 1995: 5th Surgical Congress of the Saxony-Anhalt Surgical Society, Bernburg, Germany: "Care - not cure. Hospice in the United States"
101. 1995: 59th Annual Meeting of the South-western Surgical Congress, Texas, San Antonio, USA: "Mechanism of transforming growth factor beta over expression in late radiation injury of the small intestine"

102. 1989: International Symposium. Progress in basic, applied and diagnostic histochemistry, Kosice, Czechoslovakia: “Experimentally induced presarcomatous lesions - histological and histochemical investigations on rats”
103. 1987: Student Research Forum, Martin-Luther-University Halle-Wittenberg, Germany: “The combination of scintigraphy and sonography in the diagnosis of autonomous adenomas of the thyroid gland”
- *Lessons following Implementation of a Colorectal Enhanced Recovery After Surgery (ERAS) Protocol in a Rural Hospital setting. Tolmay, S, Rahiri JL, Kee R, Lim Y, Snoep K, Fewster G, Richter KK. Manuscript to be submitted in May 2022*
  - *Outcomes of Stapled and Hand-Sewn Ileocolic Anastomosis in a Propensity-Matched Study – The Reality of a Rural Australasian Hospital with Permanent and Locum General and Colorectal Surgeons. Londahl M, Woodfield J, Winder A, Richter KK. Submitted in 2021 to Australian Journal of Rural Health*
  - *Challenges and Opportunities to integrate palliative surgery into palliative care and hospice: a case report. Austin N, Sommerfeldt AC, Londahl M, Richter KK. Submitted in April 2022 to the BMC Palliative Care*
- (i) AudioVisual Recordings
- (j) Computer Software
- (k) Technical Drawing/Architectural and Industrial Design/Working Model
- (l) Patents: indicate the stage of the patent (e.g. provisional, PCT or national/regional phase including a complete list of jurisdictions where the application has been filed), the date of filing and application number, and grant details including date of grant and patent number where grant has occurred.
- (m) Other Creative Work
- Classical guitar

## 11. University Service

- (a) Significant positions held within Department/School Division
- Associate Dean Southland since 2012  
Senior Clinical Lecturer at the Department for Surgical Sciences since 2007  
Clinical Associate Professor since 2015
- (b and c) Significant positions held at University and National Level
- Since 2018 project owner of the University Study Hub Working Group
  - Since 219 member of the University Study Hub User’s Group

- since 2021 Chair of the University Study Hub User's Group
- Since 2020 Southland Representative and member of the Board of Health Research South
- Board Member of Doctors Assisting South-Pacific Islands (DAISI), Fiji Program Officer since 2018
- Since 3/2019 Member of the Research Foundation of the Colorectal Surgical Society of New Zealand and Australia (CSSANZ)
- Deputy Chair of the South Island Cancer Network Steering Group 2011-2014: representing General Surgeons from South Island
- 2011 - 2014 Member of the South Island Bowel Cancer Working Group
- Member of the South Island Multidisciplinary (MDM) until 2015
- OSCE examiner
- Lead Surgeon Enhanced Recovery Working Group (ERAS) since 2014

## 12. Professional Activities and commercialization of Research Activities

( a ) Academic and Professional Advice and Services

( b ) Service to external academic and / or professional activities

( i ) Service to, or leadership in, academic discipline or professional associations

Collaboration with the Southern Institute of Technology (SIT) since 2014: Interprofessional Educational Workshops

Research and Educational Collaboration with Southland Hospice

( ii ) *Editorship of journals and periodicals*

- Editor for the Journal of Visceral Medicine 2015 – 2018, Special Editor of the Volume 33(4), 2017
- Principal Guest Editor for the Journal "Visceral Medicine" (Gastroenterology, Endoscopy and Surgery - The Interdisciplinary Approach to Gastrointestinal Disease) for the August Issue 2017: Visc Medicine 33(4) 237 - 312 (2017)
- Editor "Der Onkologe" Palliative Care 2014 Special Edition
- Regular Reviewer of scientific articles for various journals, including World Journal of Surgery, International Journal of Colorectal Disease, Australian and New Zealand Journal of Surgery
- Reviewer of abstracts for scientific conferences (Colorectal Tripartite Meeting 2022 Auckland)

## 13. Community Service

( a ) Continuing Education, Community Debate and Community Development

(i) Media commentaries and columns on professional matters

**(ii) Conferences, seminars, and workshops**

Since 2015 I inaugurated **five** Southland Campus development workshops: launched, hosted, organized, chaired, and presented at

Since 2018 I inaugurated **ten** Free Southland Hospital Campus Public Lectures: launched the lecture series, organised the venue, invited the speakers and provided topics, titles and guidance, chaired the public lectures and often presented myself: topics covered colorectal, prostate, breast, and cervical cancers, vaccination, the health heart, mental health and euthanasia and assisted dying.

I have consistently reached out to the Māori and Pacifica community (Southland Maori workforce hui at the Education and Research Centre 2019).

In addition, I have been regularly invited to give scientific and educational lectures to the scientific and broader public community to foster the academic Hospital campus.

Workshops. Invited specialists and speakers from Southland and guest speakers from the University of Otago Dunedin and Christchurch Campus were given topics to present

- 3<sup>rd</sup> Southland Campus Suture Workshop 12/5/2022. Organisation and Presentation. In collaboration with MEDTRONIC
- 2<sup>nd</sup> Southland Campus Suture Workshop 30/9/2021. Organisation and Presentation. In collaboration with MEDTRONIC
- 1<sup>st</sup> Southland Campus Suture Workshop 30/3/2021. Organisation and Presentation. In collaboration with MEDTRONIC
- 5<sup>th</sup> Interprofessional Southland Hospital Campus Workshop 3/12/2020 “Challenging Talks - Constructive Discussions - Networking” Interprofessional Southland Hospital Campus Workshop. Organisation, Management and Presentation with more than 100 attendees and speakers from the Southland Hospital Campus and Primary Care Workforce
- 4<sup>th</sup> Interprofessional Southland Hospital Campus Workshop 13/2/2020. Organisation, Management and Presentation with more than 100 attendees and speakers from the Southland Hospital Campus and Primary Care Workforce
- Otago Winter Symposium in Invercargill “Review of New Zealand’s Health System” Panel Discussion Speakers: Prof Peter Crampton, A/Prof Sarah Young, A/Prof Konrad Richter. 11/7/2019
- 3<sup>rd</sup> Interprofessional Staff Development Workshop 25/5/2018 “Focus on Research”. Organisation, Management and Presentation with more than 100 attendees and speakers from the Dunedin and Southland Campus of the University of Otago
- 2<sup>nd</sup> Interprofessional Staff Development Workshop 16/3/2017 “Teach the Teachers”. Organisation, Management and Presentation with more than 90 attendees and speakers from the Dunedin, Christchurch, and Southland Campus of the University of Otago
- 1<sup>st</sup> Interprofessional Staff Development Workshop “Fostering Respect & Communication”. Organisation, Management and Presentation with more than

90 attendees and speakers from the Dunedin, Christchurch, and Southland Campus of the University of Otago

- 5/1/2007: Organisation/Chair of the Surgical Symposium “Surgical and Medical Therapy of Liver Disease – Uptodate Liver Transplantation”
- 17/3/2006: Organisation/Chair of Thuringia Surgical Head of Departments, Jena
- 26 – 28/6/2003: Organisation/Chair of the three-day Annual Scientific Surgical Thuringia Conference, Jena, Germany.

**(iv) Provision of continuing education**

1. “Combining Patient Care, Education and Research & the Southland Hospital Campus”. Southland Medical Foundation Board Meeting. 18/12/2020
2. End of Life Bill. Invited Verbal Presentation on “Assisted Dying and Euthanasia” at the Peacehaven Village. 21/9/2020
3. Forrest & Bird Society: Invited Guest Speaker “Russian Arctic Exploration - Wildlife, History and Culture”. 13/8/2019  
(<https://www.forestandbird.org.nz/sites/default/files/2019-04/Southland%20Branch%20Newsletter%20April%202019.pdf>)
4. National Referral Hospital Honiara Solomon Islands. Daily Lectures to Surgical and Medical Staff/Students/Registrars: “Teamwork in the Operating Theatre Environment”, “Modern Principles of Surgical Oncology”, “Update Hernia Surgery: The Shouldice Repair”, “Acute Abdomen”, “Abdominal wall hernias”, “Treatment of Colorectal Cancer”, “Research Organisation”. 4-8/6/2018
5. “Surgical Intervention – Laparoscopic Surgery” Gastrointestinal Nurse’s Study Day. 13/3/2018
6. Public Lecture “The Burden of Colorectal Cancer”, Ascot Park Hotel. 12/6/2018
7. “Exploring Wildlife and History in the Antarctic” U3A – University of the Advanced Age. Guest Speaker 2017
8. Te Anau General Practitioner Teaching Presentation “Basic and Advanced Ultrasound for GPs”. 2017
9. “Men’s Health Evening – Prevention and Prophylaxis for Men only”. Invited Presentation at the Waiau Health Trust – Tuatapere Medical Centre with Panel discussion at the end. 5/7/2017
10. “Principles of Surgical Oncology”. NZ Nurses Organization Study Day. 17/6/2017

11. "As a ships doctor in the Antarctic" Invited entertaining lecture at the NZ Institute of Medical Laboratory Science Annual Conference (NZIMLS), Invercargill Ascot Park Hotel. 25/3/2017
12. "New Medical Ideas Explored – Clinical Considerations of the acute abdomen" Samoa Medical School Presentation. Faculty of Medicine Samoa Medical Lecture at the PISA Meeting in Apia. 9/9/2016
13. "The North-East-Passage – The Northern Sea Route" Fly-Fishing Club. Invited guest speaker. June 2016
14. "Arctic and Antarctic Adventures on a Russian Icebreaker". Invited Public Lecture in Riverton at the Te Hikoi Museum on: History, Wildlife, Exploration. 14/4/2016
15. "Role of a General Surgeon – Excitement, Challenges and Satisfaction". Incubator Day Southland Campus. 15/3/2016
16. "Russian Arctic Adventures" Invercargill Rotary Club, Guest Speaker. 7/9/2014
17. "Antarctica – Medical Aspects – Dash to the South Pole" at the Fly-fishing Club, Invercargill. October 2013
18. "Enhanced Recovery after Surgery". Surgical Study Day for Southland Hospital Nurses, Kew Hospital. 26/3/2013
19. "Surgical Intervention". Surgical Study Day for Southland Hospital Nurses, Kew Hospital, Invercargill. 23/03/2013
20. Educational Teaching Session for Queenstown General Practitioner: "Update on treatment of colorectal cancer", Queenstown Medical Centre, 31/01/2011
21. Symposium "Colorectal Cancer" for General Practitioners, Ascot Park Hotel, Invited Chair and Speaker. 12/4/2010
22. Educational Teaching Session for Invercargill General Practitioner "Update on treatment of colorectal cancer", Ascot Park Hotel, Invercargill. 18/11/2009
23. "Stoma complications – Stoma care". Presentation at the Ostomy Society, Invercargill. 15/10/2009
24. "Living and Working in different cultures. Health Systems in New Zealand, United States and Germany". U3A – University of the Advanced Age. Guest Speaker. 26/6/2009
25. "Cancer Surgery" Grand Round Presentation, Kew Hospital, Invercargill. 17/10/2008

26. "Surgical Oncology". Surgical Study Day for Southland Hospital Nurses, Kew Hospital, Invercargill. 14/10/2008
27. "Colorectal Cancer". Surgical Study Day for Southland Hospital Nurses, Kew Hospital, Invercargill. 28/08/2007

Conferences and Courses/CME (not presenting)

1. 2020: Virtual European Colorectal Conference. Virtual Master Classes in Colorectal Surgery and Proctology. 29/11/2020 – 2/12/2020. St. Gallen, Switzerland
2. 2019: Advanced Laparoscopic Colorectal Masterclass. 29/10/2019 – 1/11/2019, Brisbane, Australia
3. 2019: Surgeons as Leaders in Everyday Practice, Wellington, Royal Australasian College of Surgeons, 16-17/08/2019
4. 2019: Building Resilience and Avoiding Burnout Workshop. 2/5/2019 RACS CPD Program, Invercargill
5. 2018: Sydney Colorectal Surgical Meeting, Sydney NSW, Australia. 17/11/2018
6. 2017: "Operating with Respect" Royal Australasian College of Surgeons" (RACS). 25/12/2017 Wellington
7. 2005: Workshop "Surgical Oncology of Thorax and Abdomen", 11/2005, Strasbourg, Switzerland 2005
8. 2005: 13<sup>th</sup> International Congress of the European Association for Endoscopic Surgery, Venice, Italy, 2005
9. 2005: 122<sup>nd</sup> German Surgical Congress, Munich, 4-8/4/2005
10. 2005: International Symposium for Laparoscopic Surgery, Hamburg, November 2005
11. 2004: 2<sup>nd</sup> Annual Workshop: Colorectal Surgery, Multidisciplinary approach to rectal cancer below 6 cm", Basingstoke, Pelikan Meeting, 18-19/11/2004
12. 2004: Expert Meeting "Emerging Strategies in Gastrointestinal Stromal Tumours", Paris, France, November 2004
13. 2004: Workshop Surgical Endoscopy, University Friedrich-Schiller, Jena, 5-6/11/2004
14. 2003: Conference "Colorectal Cancer", Biebrich Castle, Wiesbaden, 2-4/10/2003
15. 2003: Special Course "Gastrointestinal Surgery", Hamburg, 1-3/12/2003

16. 2002: 9<sup>th</sup> International Symposium "Laparoscopic Colorectal Surgery", 25-27/11/2002
17. 2001: Special Course "Theory and Practice of Visceral Surgery", Warnemunde, 23-29/6/2001
18. 1999: ESTRO (European Society of Therapeutic Radiation Oncology) Teaching Course in Basic Clinical Radiology, Gdansk/Poland, 17-21/10/1999
19. 1997: Courses "Basic Medical Biostatistics" and "Advanced Medical Biostatistics", Little Rock, Arkansas, USA (University of Arkansas for Medical Sciences)
20. Workshop "Laparoscopic Endoscopy", Bernburg, 5-7/5/1995
21. 1994: 5<sup>th</sup> Advanced Course in Clinical Oncology, Kantonspital St. Gallen, Switzerland, 3-5/3/1994
22. 1993: Training Course "Abdominal Laparoscopic Surgery", Leipzig, 5-6/9/1993
23. 1992-1993: Training courses sonography of the abdomen and thyroid  
 Basic Course Berlin, 24-27/1/1992  
 Advanced Course, Ballenstedt, 6-9/2/1992  
 Special Course, Halle, 25-27/2/1993  
 Special Training Course Accidental and Emergency Medicine (Arzt im Rettungsdienst), 28/5-6/6/1992, Board Certification 1993
24. Course Radiation Protection, Halle, 13-15/11/1992

(iii) Public lectures

I have launched the Free South Island Public Lecture Series in 2018. The organisation involved the Planning, Invitation of speakers and topics, chairing and often presenting at nine well-attended and received lectures with specialists from Southland and regularly guest speakers from the University of Otago:

- "Future Face of Healthcare" Public Lectures Southland, Centre Stage Theatre Invercargill, in collaboration with the Dunedin School of Medicine. Presentation "Modern Surgery in Southland". Speakers A/Prof Konrad Richter, Dr Chris Jackson, A/Professor Gerard Wilkins, A/Prof Sarah Young, Prof Fiona McQueen. 6/4/2017
- 1<sup>st</sup> Free Southland Hospital Campus Public Lecture 12/6/2018 "Challenges and Modern Management in Colorectal Cancer". Chair A/Prof Konrad Richter Speakers: Associate Professor Konrad Richter/Colorectal Surgeon/Invercargill, Dr Chris Jackson/Medical Oncologist/Dunedin
- 2<sup>nd</sup> Free Southland Hospital Campus Public Lecture 22/8/2018 "Prostate Cancer Screening and Management explained". Chair A/Prof Konrad Richter



Speakers: Mr Michael Vincent/Urologist/Invercargill, Mr Michael Stotzer/Urologist/Invercargill, Dr Shaun Costello/Radiation Oncologist/Dunedin, Trish Wright/Nurse Specialist/Invercargill

- 3<sup>rd</sup> Free Southland Hospital Campus Public Lecture 7/11/2018 “Modern Hip Replacement Surgery: all you need to know”. Chair A/Prof Konrad Richter  
Speakers: Mr Pierre Navarre/Orthopedic Surgeon/Invercargill, Dr Andy Whelan/Anaesthetist/Invercargill, A/Prof David Gwynne-Jones/Orthopedic Surgeon/Dunedin
- 4<sup>th</sup> Free Southland Hospital Campus Public Lecture 8/8/2019 “Screens Vaccines: Making Cervical Cancer a thing of the past”. Chair A/Prof Konrad Richter  
Speakers: Dr James Faherty/Gynecologist/Invercargill, A/Prof Marilyn Hibma/Pathology/Dunedin, Dr Kate Coffey/Gynecologist/Dunedin&Invercargill, Dr Gary Fentiman/Gynecologist
- 5<sup>th</sup> Free Southland Hospital Campus Public Lecture 2/4/2019 “Myth-busting Breast Cancer”. Chair A/Prof Konrad Richter  
Speakers: Mr Paul Samson/Breast Surgeon/Invercargill, Dr Alice Febery/Breast Surgeon/Invercargill, Dr Lyndell Kelly/Radiation Oncologist/Dunedin
- 6<sup>th</sup> Free Southland Hospital Campus Public Lecture 13/10/2020 “How to keep a healthy heart? Treatment & Latest Research”. Chair Dr Sean Coffey/Cardiologist/Dunedin. Speakers: Dr Rachel Byers/Physician/Invercargill, A/Prof Regis Lamberts/Physiology/Dunedin, A/Prof Daryl Schwenke/Physiology/Dunedin, Dr Kate Thomas/Surgical Sciences/Dunedin
- 7<sup>th</sup> Free Southland Hospital Campus Public Lecture 27/5/2021 “Mental Wellbeing – Staying Sane in the time of Covid”. Chair A/Prof Konrad Richter  
Speakers: Dr Henck van Bilsen/Psychologist/Invercargill, Dr Agatha Moody/Psychiatrist/Invercargill, A/Prof Yoram Barak/Psychiatrist/Dunedin
- 8<sup>th</sup> Free Southland Hospital Campus Public Lecture Professor Stephen Robertson
- 9<sup>th</sup> Free Southland Hospital Campus Public Lecture 5/3/2020 “Assisted Dying & End-of-Life Decisions: what do we have, what do we want, and what does it all mean?” Chair A/Prof Konrad Richter. Speakers: Dr Simon Walker/BioEthics/Dunedin, Dr Jeanne Snelling/Law/Dunedin, Dr Amanda Sommerfeldt/Palliative Medicine/Invercargill, A/Prof Konrad Richter/Surgery/Invercargill
- Planned for 2022: 10<sup>th</sup> Free Southland Hospital Campus Public Lecture planned on “A fresh and honest look at the New Zealand Health System – Incentives & Priorities, Funding & Equities. Speakers: A/Prof Konrad Richter/Invercargill and Prof Des Gormann/Auckland

#### **(e) Other Examples of Community Service**

- 2019 –volunteer work as General Academic Surgeon and Educator in Suva, Fiji
- 2018 - Volunteer Work as a General Surgeon and Lecturer in the Solomon Islands Honiara and KiraKira/Makira: three one week volunteer trips in February, June and October 2018
- 2012-2013 Volunteer Work as Medical Doctor at the Snowfarm in Cardrona during Cross Country Merino Muster Race Competitions
- 2014 Qualification as Professional Diving Instructor (PADI): Provision of Open Water Dive Courses
- 2018 Qualification as Professional Diving Instructor (SSI)

- 2011 Qualification as Occupational Dive Medicine Doctor: Provision of occupational dive medical exams for Southland divers
- 2012 - ongoing Volunteer Work as a Medical Advisor and ship's doctor, Lecturer on History & Exploration, and Zodiac driver on Heritage Expeditions to the
  - Arctic, North-East-Passage (2012, 2015, 2017), Antarctic and Subantarctic Islands (2013, 2018, 2019, 2020, 2021, 2021), and South Pacific/Melanesia (2013, 2014, 2018)