**CURRICULUM VITAE**

**VALERIA SOLARI**

Dr med univ, PhD, MRCS(Ed)

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## PERSÖNLICHE DATEN

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NameVALERIA SOLARI

Staatsbürgerschaft Österreich

Geboren 22.07.1972 in Graz

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## BERUFLICHER WERDEGANG

12/2021-jetzt Oberärztin für Kinder- und Jugendchirurgie, Klinik Donaustadt

10/2020-11/21 Oberärztin für Kinder- und Jugendchirurgie, Abteilung für Kinderchirurgie, Allgemeines Krankenhaus Wien, Österreich (*zugeteilt* von der Klinik Donaustadt)

09/2016-09/2020 Assistent u. Fachärztin für Kinder- und Jugendchirurgie, Klinik Donaustadt, Wien

09/2013-05/2016 Specialist Registrar in Paediatric Surgery, Royal Manchester Children’s Hospital, NHS Foundation Trust, University of Manchester, United Kingdom (UK)

04/2010-08/2013 Medical Research Council Clinical Research Training Fellow, Children’s Hospital Los Angeles, University of Southern California, Los Angeles, CA, USA

04/2007-03/10 Academic Clinical Fellow in Kinderchirurgie, Alder Hey Children’s Hospital, NHS Foundation Trust, Liverpool und University of Liverpool, UK

02/2005-02/2007 Membership of the Royal College of Surgeons (MRCS) of Edinburgh, UK

02/2005-02/2007 Basic Surgical Training, University Hospital of Morecambe Bay NHS Trust, UK

01/2004-12/2004 Registrar in Paediatric Surgery, The National Children’s Hospital, Dublin, Ireland

01/2003-12/2003 Assistenzärztin in Kinder- und Jugendchirurgie, Universitätsklinik für Kinder- und Jugendchirurgie, Medizinische Universität Graz, Österreich

08/2000-12/2002 Research Fellow, Children’s Research Centre, University College Dublin, Ireland

## QUALIFIKATIONEN UND AUSSBILDUNGEN

11/2014 **Doctor in Philosophy (PhD)**, Faculty of Health and Life Sciences, University of Liverpool, UK

11/2006 **Member of the Royal College of Surgeons (MRCS)** of Edinburgh, UK

07/2000 **Dissertation**, Abteilung für Kinder- und Jugendchirurgie, Universitätsklinikum Graz, Österreich

07/2000 **Dr. med. univ**., Karl-Franzens-Universität, Graz, Österreich

1. **PREISE UND AUSZEICHNUNGEN**

09/2018 Förderung: außerordentliche Vorrückung in Anerkennung der ausgezeichneten Dienstleistung. Magistratsdirektion der Stadt Wien

09/2014 Best Scientific Award, Pediatric Intestinal Rehabilitation Symposium, USA

04/2013 Celebration of International Collaboration Medical Research Council (MRC) und The Royal Society of Medicine, London, UK

03/2013-08/2013 Centenary Award, Medical Research Council (MRC), UK

03/2010-02/2013 Clinical Research Training Fellowship, Medical Research Counci, London, UK

04/2007-03/2010 Academic Clinical Fellowship in Paediatric Surgery, Department of Health, UK

07/ 2003 Soave Medal, International Meeting of the International Paediatric Colorectal Club

03/2003 Second “Best Research Paper”, Annual Meeting of the European Society for Paediatric Urology (ESPU), Spain

09/2002 Best Basic Science Research Paper, Canadian Association of Paediatric Surgeons, Canada

1. **MITGLIEDSCHAFTEN UND ÄRZTEKAMMERN**

Seit 2021 Associate Member of the Faculty of Faculty of Remote, Rural and Humanitarian Healthcare (FRRHH), Royal College of Surgeons of Edinburg, UK

Seit 2020 Association of Women Surgeons, USA

Seit 2018 Österreichische Gesellschaft für Kinder- und Jugendchirurgie

Seit 2019 Pediatric Trauma Society, USA

Seit 2007 Royal College of Surgeons of Edinburgh (RCSEd)

Seit 2010 European Paediatric Surgeons´ Association (EUPSA)

Seit 2010 American Association of Cancer Research (AACR)

2005-2013 British Medical Association (BMA)

2005-2017 General Medical Council (GMC), full registration, UK - 6100461

2004-2005 Irish Medical Board, full registration, Ireland -174371

Seit 2003 Österreichische Ärztekammer (ÖÄK) - 4893391

1. **FORSCHUNGSFÖRDERUNGEN**

03/2013-08/13 Centenary Award; Medical Research Council, UK

Rolle: Principal Investigator; 80.000 GBP

2010-13 Clinical Research Training Fellowship; Medical Research Council, UK (#G0902023)

Rolle: Principal Investigator; 236.000 GBP

1. **GAST POSITIONEN**

2023 Visiting surgeon, Children’s Colorectal Center, Children’s Hospital Colorado, CO, USA bei Dr. Alberto Peña *(Durch die Covid-19 Pandemie auf das Jahr 2023 postponiert)*

2017-21 Gast Professur, Medizinische Universität Wien, Österreich

03/2007 Visiting scholar, UCSF Fetal Treatment Center, University of California, San Francisco (UCSF), San Francisco, CA, USA

1. **PUBLIKATIONEN**

|  |  |  |  |
| --- | --- | --- | --- |
| * 1. **Originalartikeln** | **Impact Factor**  **(IF)** | **Erst (F) or Second (S) author** | **Top (T)\*** oder **Standard (S)**  *\*≤20 % Reihungsliste* |
| 1. Höllwarth ME, **Solari V**. Nutritional and pharmacological strategy in children with short bowel syndrome. *Pediatr Surg Int*, 37(1):1-15, 2021 | 1.50 | S | S |
| 1. Coletta R, Olivieri C, Persano G, **Solari V**, et al. Expanding intestinal segment using osmotic hydrogel: an in vivo study. *J Biomed Mater Res B Appl Biomater*, 107(4):1304-1309, 2019 | 2.550 | S | S |
| 1. **Solari V**, Rudd TR, Guimond SE, Powell AK, et al. Heparan sulfate phage display antibodies recognize epitopes defined by a combination of sugar sequence and cation binding. *Org Biomol Chem* 13:6066-72, 2015 | 3.564 | F | S |
| 1. **Solari V**, Borriello L, Turcatel G, Shimada H, et al. MYCN-dependent expression of Sulfatase-2 regulates neuroblastoma cell survival. *Cancer Res* 74:599-6009, 2014 | *9.130* | F | T |
| 1. [Rudd TR](http://www.ncbi.nlm.nih.gov/pubmed?term=Rudd%20TR%5BAuthor%5D&cauthor=true&cauthor_uid=22473323), [Hughes A](http://www.ncbi.nlm.nih.gov/pubmed?term=Hughes%20A%5BAuthor%5D&cauthor=true&cauthor_uid=22473323), [Holman J](http://www.ncbi.nlm.nih.gov/pubmed?term=Holman%20J%5BAuthor%5D&cauthor=true&cauthor_uid=22473323), [**Solari V**](http://www.ncbi.nlm.nih.gov/pubmed?term=Solari%20V%5BAuthor%5D&cauthor=true&cauthor_uid=22473323), et al. Heparan sulphate, its derivatives and analogues share structural characteristics that can be exploited, particularly in inhibiting microbial attachment. *Braz J Med Biol Res* 45(5):386-91, 2012 | - | S |  |
| 1. **Solari V**, Jawaid W, Jesudason EC. Enhancing safety of laparoscopic vascular control for neonatal sacrococcygeal teratoma. *J Pediatr Surg* 46:e5-7, 2011 | 2.090 | F | S |
| 1. **Solari V**, Jawaid W, Jesudason EC. Elective supra- and infrarenal cavectomy for excision of giant retroperitoneal teratoma in infancy. *J Paediatr Surg* 46(3):e37-4-, 2011 | 2.090 | F | S |
| 1. **Solari V**, Mullassery D, Lansdale N, Jesudason EC. Laparoscopic excision of a retroperitoneal lymphatic malformation in a newborn. *J Paediatr Surg* 46(2):e15-7, 2011 | 2.090 | F | S |
| 1. Jawaid W, **Solari V**, Howell L, Jesudason E. Excision of extensive metastatic dysgerminoma to control refractory hypercalcaemia in a child at high risk to tumour-lysis syndrome*. J Pediatr Surg* 46(1):e13-9, 2011 | 2.090 | S | S |
| 1. Jawaid W, **Solari V**, Mahmood N, Jesudason EC. Excision of ganglioneuroma from skull base to aortic arch. *J Pediatr Surg* 45(10):e29-32, 2010 | 2.090 | S | S |
| 1. **Solari V**, Jesudason EC, Turnbull JE, Yates EA. Determining the anti-coagulant-independent anti-cancer effects of heparin. *Br J Cancer.* 103(4):593-4, 2010 (Report) | - | F | - |
| 1. Kuroda S, **Solari V**, Puri P. Association of transforming growth factor-β (TGF-β) gene polymorphism with familiar vesicoureteral reflux. *J Urology 178:1650-3, 2007* | 4.810 | S | T |
| 1. **Solari V**, Owen D, Puri P. Association of transforming growth factor-β (TGF-β) gene polymorphism in with reflux nephropathy. *J Urology.* *174:1609-11*, 2005 | 4.810 | F | T |
| 1. Shinkai T, Shima H, **Solari V**, Puri P. Expression of vasoactive mediators during mechanical ventilation in nitrofen-induced diaphragmatic hernia in rats. *Pediatr Surg Int*. 21;143-147, 2005 | 1.50 | S | S |
| 1. Mortell A, Fourcade L, **Solari V,** Puri P. Bilateral megaureters in the Adriamycin rat model. *Pediatr Surg Int*. 21:212-216, 2005 | 1.50 | S | S |
| 1. **Solari V**, Ennis S, Cascio S, Puri P. Tumour necrosis factor-α gene polymorphism in reflux nephropathy. *J Urology.* 172:1604-6, 2004 | 4.810 | F | T |
| 1. Cascio S, **Solari V**, Velayudham M, Reen DJ, Puri P. The significance of serum erythopoetin levels in assessing the severity of renal damage in children with reflux nephropathy. *J Urology.* 172:1607-9, 2004 | 4.810 | S | T |
| 1. Chertin C, Rolle U, **Solari V**, Cascio S, Puri P.The role of nitric oxide in the bladder urothelium injury following bladder outlet obstruction. *BJU Int.* 94:392-9, 2004 | 4.387 | S | T |
| 1. Piotrowska AP, Rolle U, **Solari V**, Puri P. Interstitial cells of Cajal in the human normal urinary bladder and in the urinary bladder of patients with megacystis microcolon intestinal hypoperistalsis syndrome. *BJU Int.* 94:143-6, 2004 | 4.387 | S | T |
| 1. **Solari V**, Shima H, Puri P. Increased expression of EGFR and TGF-alpha in segmental renal dysplasia in duplex kidney. *Pediatr Surg Int*. 20:243-7, 2004 | 1.50 | F | S |
| 1. Sakai M, Unemoto K, **Solari V**, Puri P. Decreased expression of voltage-gated K(+) channels in pulmonary artery smooth muscles cells in nitrofen-induced congenital diaphragmatic hernia in rats. *Pediatr Surg Int*. 2004;20:192, 2004 | 1.50 | S | S |
| 1. Guarino N, **Solari V**, Shima H, Puri P.Upregulated expression of EGF and TGF-alpha in the proximal respiratory epithelium in the human hypoplastic lung in congenital diaphragmatic hernia. *Pediatr Surg Int.*19:755-9, 2004 | 1.50 | S | S |
| 1. **Solari V**, Puri P. Genetic polymorphisms of angiotensin system genes in congenital diaphragmatic hernia associated with persistent pulmonary hypertension. *J Pediatr Surg.* 39:302-6, 2004 | 2.090 | F | S |
| 1. **Solari V**, Piotrowska AP, Unemoto K, Chertin B, Puri P. Increased Expression of Mast Cells in Reflux Nephropathy. *Pediatr Nephrol.* 19: 157-63, 2004 | 2.816 | F | T |
| 1. **Solari V**, Piotrowska AP, Puri P. Altered expression of interstitial cells of Cajal in congenital ureteropelvic junction (UPJ) obstruction. *J Urology* 170:2420-2, 2003 | 4.810 | F | T |
| 1. **Solari V**, Piotrowska AP, Cascio S, Unemoto K, Chertin B, Puri P. Cyclooxygenase-2 upregulation in reflux nephropathy. *J Urology* 170:1624-7, 2003 | 4.810 | F | T |
| 1. Piotrowska AP, **Solari V**, Puri P. Distribution of interstitial cells of Cajal in the internal anal sphincter of patients with internal anal sphincter achalasia and Hirschsprung’s disease. *Archives of Pathology & Laboratory Medicine* 127:1192-5, 2003 | 4.270 | S | S |
| 1. Piotrowska AP, **Solari V**, Puri P. Distribution of heme oxygenase-2 in nerves and interstitial cells of Cajal in the normal pylorus and infantile hypertrophic pyloric stenosis. *Archives of Pathology & Laboratory Medicine* 127:1182-6, 2003 | 4.270 | S | S |
| 1. **Solari V**, Chertin B, Shima H, Puri P. Increased c-met tyrosine kinase expression in segmental renal dysplasia. *Pediatr Nephrol.* 18:706-9, 2003. | 2.816 | F | T |
| 1. **Solari V**, Piotrowska AP, Puri P. Histopathological differences between recto-sigmoid Hirschsprung’s disease and total coloníc aganglionosis. *Pediatr Surg Int.* 19:349-54, 2003 | 1.50 | F | S |
| 1. Piotrowska AP, **Solari V**, Puri P. Distribution of Ca2+-activated K+ channels, SK2 and SK3, in the normal and Hirschsprung's disease bowel. *J Pediatr Surg.* 38:978-83, 2003 | 2.090 | S | S |
| 1. **Solari V**, Piotrowska AP, Puri P. Expression of heme oxygenase-1 (HO-1) and endothelial nitric oxide synthase (eNOS) in the lung of newborns with congenital diaphragmatic hernia (CDH) and persistent pulmonary hypertension (PPH). *J Pediatr Surg.* 38:808-13, 2003 | 2.090 | F | S |
| 1. **Solari V**, Yoneda A, Wong L, Messineo A, Hoellwarth ME, Greeen A, Puri. Mutation analysis of the RET gene in total intestinal aganglionosis (TIA) by WAVE DNA Fragment Analysis System. *J Pediatr Surg.* 38:497-501, 2003 | 2.090 | F | S |
| 1. Piotrowska AP, **Solari V**, Puri P. Immunolocalisation of the heme oxygenase-2 and interstitial cells of Cajal in normal and aganglionic colon. *J Pediatr Surg.* 38:73-7, 2003 | 2.090 | S | S |
| 1. Chertin B, **Solari V**, Reen DJ, Farkas A, Puri P. Up-regulation of angiotensin-converting enzyme (ACE) gene expression induces tubulointerstitial injury in reflux nephropathy. *Pediatr Surg Int* 18:635-9, 2002 | 1.50 | S | S |
| 1. **Solari V**, Piotrowska AP, Puri P. Glucocorticoid receptor gene expression in the hypoplastic lung of newborns with congenital diaphragmatic hernia. *J Pediatr Surg* 37:715-8, 2003 | 2.090 | F | S |
| 1. Rolle U, Yoneda A, **Solari V**, Puri P. Abnormalities of c-Kit-positive cellular network in isolated hypoganglionosis. *J Pediatr Surg* 37:709-14, 2002 | 2.090 | S | S |
| Summe Impact Factor (IF) | Total | Erst Autor | Zweit  Autor |
|  | 104.130 | 55.196 | 48.934 |

**\***Basiserfordernis für eine Habilitation (Medizinischen Universität Wien) sind 14 Punkte, wobei 1 Punkt für eine Standard-Arbeit und 2 Punkte für eine Top-Arbeit vergeben werden. Es sind 9 Punkte als Erstautor/in erforderlich. Es müssen 2 Autorschaften in Top-Journalen vorliegen, davon zumindest eine als Erstautor.

* 1. **Buchkapiteln**

1. Höllwarth ME, **Solari V**. *“Gastroesophageal Reflux”*. In: “Pediatric Surgery”*,* 2nd Edition by Puri P. and Höllwarth ME. Springer 2023
2. **Solari V,** Rivosecchi M. *“Meconium ileus”.* In: “Pediatric Surgery – Diagnosis and Management”, 2nd Edition by Puri P. and Höllwarth ME. Springer 2023
3. **Solari V**, Cervellione RM. *“Construction of a naturally looking inverted umbilicus for bladder extroph*y”. In: “Pediatric Umbilical Reconstruction” by Shiffman MA (Ed), Tustin, CA, USA Springer 2017
   1. **Abstracts**
4. **Solari V**, Coletta R, Aldeiri B, Morabito A. Colonic Interposition in Children with Short Bowel Syndrome.  *Transplantation* 101:S119, 2017
5. **Solari V**, Coletta R, Aldeiri B, Morabito A. Combined Autologous Gastrointestinal Reconstruction Procedures in Children with Short Bowel Syndrome our experience with the first 17 patients. *Transplantation* 101:6S2, 2017
6. Aldeiri B, **Solari V**, Coletta R, Morabito A. Exploring the Benefits of Early Lengthening in SBS in Children in Faster Bowel Rehabilitation. *Transplantation* 101:S72, 2017
7. Chiatto F, Forsythe L, Coletta R, **Solari V**,
8. et al. D-lactic Acidosis in Children with Short Bowel Syndrome: a relevant clinical condition. *Transplantation* 101:S133, 2017
9. **TEILNAHME AN KONFERENZEN**

* World Congress of Pediatric Gastroenterology, Hepatology and Nutrition 2021
* 48th Viking Surgeons Association, Annual Meeting, Faculty of Remote, Rural 2021

and Humanitarian Healthcare, Royal College of Surgeons of Edinburg

* American Pediatric Surgical Association (APSA), Annual meeting 2002-04, 21
* European Congress of Paediatric Surgery (EUPSA), Annual meeting 2001-03, 2014, 21
* American Association for Cancer Research (AACR), “The Evolving Tumor

Microenvironment in Cancer Progression 2021

* Pediatric Trauma Society (PTS), Annual meeting 2020
* Innovative Themes in Pediatric Surgery. Fondazione Meyer, Italy 2018
* Congresso Nazionale Congiunto, Annual meeting 2014, 2015
* Advances in Neuroblastoma Research (ANR) 2014
* International Pediatric Intestinal Failure and Rehabilitation Symposium 2014
* American Association of Cancer Research (AACR), Annual Meeting 2013, 2014
* American Association of Cancer Research (AACR), Translational Research 2013
* Royal Society of Medicine, London 2013
* Gordon Proteogycan Research Conference 2010
* International Society of Pediatric Oncology (SIOP), Annual meeting 2007
* Congenital Diaphragmatic Hernia Study Group 2004, 2007
* Österreichische Gesellschaft für Kinder- u. Jugendchirurgie (ÖGKJCH) 2003
* Canadian Association of Pediatric Surgeons (CAPS), Annual meeting 2002
* Paediatric Colorectal Club, Annual meeting 2003, 2004
* British Association of Paediatric Surgery (BAPS), Annual meeting 2002-04
* American Academy of Pediatrics (AAP), Annual meeting 2002-04
* Pacific Association of Paediatric Surgery (PAPS), Annual meeting 2002
* International Symposium on Paediatric Surgical Research 2001-04
* European Society for Paediatric Urology (ESPU), Annual meeting 2003-04
  1. **Eingeladene Rednerin**

1. The sweet and sour of the microenvironment. Innovative Themes in Pediatric Surgery. Ospedale Pediatrico Meyer, Firenze, Italien. 16-17 September 2018
2. MYCN-dependent expression of sulfatase-2 regulates neuroblastoma cell survival. Manchester Proteoglycan Meeting, University of Manchester, UK. 23 February 2015.
3. Congenital diaphragmatic hernia and pulmonary hypertension: pulmonary changes. Congenital Diaphragmatic Hernia Work Study Group, University of Texas, Medical School, Houston, TX, USA, 14-16 Oct. 2004
   1. **Gehaltene Vorträge bei internationalen Kongressen**
4. Solari V, et al. Colonic interposition in children with short bowel syndrome. XV International Congress of the Intestinal Rehabilitation & Transplant Association, New York, USA, 28 June - 1 July 2017
5. Solari V, et al. Combined autologous gastrointestinal reconstruction procedures in children with short bowel syndrome: our experience with the first 17 patients. XV International Congress of the Intestinal Rehabilitation & Transplant Association, New York, USA, 28 June - 1 July 2017
6. Aldeiri B, Solari V, et al. Exploring the benefits of early lengthening in SBS in children in faster bowel rehabilitation. XV International Congress of the Intestinal Rehabilitation and Transplant Association, New York, USA, 28 June – 1 July 2017
7. Coletta R, Solari V, et al. Controlled tissue expansion for short bowel syndrome treatment using osmotic hydrogel: A feasibility study. American Association of Pediatric Surgery (APSA) Annual Meeting, San Diego, CA, USA, 14-17 May 2016
8. Coletta R, Solari V, et al. Osmotic bowel dilatation: a new perspective for a controlled bowel expansion in the treatment of short bowel syndrome. Italian Association of Paediatric Surgery, Italy, September 2015
9. Coletta R, Solari V, et al. Reduced lipid administration for hepatic liver failure in short bowel patients: our experience. Italian Association of Paediatric Surgery, Italy, 17-18 September 2015
10. Solari V, et al. Gastroesophageal dissociation - a treatment for gastroesophageal reflux in neurologically impaired children? Italian Association of Paediatric Surgery, Italy, 17-18 September 2015
11. Solari V, et al. Colonic interposition in Short Bowel Syndrome: our experience. 7° CongressoNazionale Congiunto, Italy, 6-7 November 2014
12. Coletta R, Solari V, et al. Ricostruzione autologa intestinale nel nuovo millennio: Il modello di Manchester. 7° CongressoNazionale Congiunto, Bologna, Italy, 6-7 November 2014
13. Solari V, et al. Colonic interposition in children with short bowel syndrome. 8th International Pediatric Intestinal Failure and Rehabilitation Symposium, Atlanta, GA, USA, 11-13 September 2014
14. Coletta, R, Iacona R, Solari V, et al. Autologous gastrointestinal reconstruction: the Manchester model. 8thInternational Pediatric Intestinal Failure and Rehabilitation Symposium, Atlanta, GA, USA, 11-13 September 2014
15. Iacona RV, Solari V, et al. Surgical complications following autologous bowel reconstruction for short bowel. 15th European Paediatric Surgeon’s Association (EUPSA), Dublin, Ireland, 18-21 June 2014
16. Solari V. MYCN-dependent expression of sulfatase-2 regulates neuroblastoma cell survival. Advances in Neuroblastoma research (ANR) Congress, Cologne, Germany, 14 May 2014
17. Solari V, et al. Heparan sulfate and Sulf-2 expression in neuroblastoma. American Association of Cancer Research (AACR), Annual meeting, San Diego, CA, USA, 5-9 April 2014
18. Solari V, et al. Heparan sulfate and Sulf-2 expression in neuroblastoma. American Association of Cancer Research (AACR) Special Conference: Pediatric Cancer at the Crossroad: Translating Discovery into Improved Outcomes, San Diego, CA, USA, 3-6 November 2013
19. Solari V, et al. Heparan sulfate and Sulf-2 expression in neuroblastoma. American Association of Cancer Research (AACR), Annual meeting, Washington, DC, USA, 6-10 April 2013
20. Solari V, et al. Heparan sulfate phage display antibodies recognize functionally relevant conformationally defined epitopes determined by sugar sequence and cation binding. Gordon Conference; Proteoglycans: Development, Disease and Therapeutics, Andover, NH, USA, 11-16 July 2010
21. Solari V, et al.. Human Glypican-3 mutation predisposing to both congenital diaphragmatic hernia and Wilms tumour: A case report. 39th International Society of Pediatric Oncology (SIOP), Mumbai, India, 1-3 November 2007
22. Mullassery D, Solari V, et al. Trans diaphragmatic germ cell tumour in Klinefelter’s tumour: A case report. 39th International Society of Pediatric Oncology (SIOP), Mumbai, India, 1-3 November 2007
23. Kuroda S, Solari V, Puri P Association of transforming growth factor-β (TGF-β) gene polymorphism with familiar vesicoureteral reflux. 58th Annual Conference of The American Academy of Pediatrics, Atlanta, GA, USA, 6-8 October 2006
24. Solari V, et al. Association of transforming growth factor-β (TGF-β) gene polymorphism in with reflux nephropathy. 56th Annual Conference of The American Academy of Pediatrics, San Francisco, CA, USA, 9-13 October 2004
25. Solari V, et al. Interstitial cells of Cajal in motility disorders. Paediatric Colorectal Club, Long Island, New York, USA, 22-23 May 2004
26. Solari V, et al.. Heme oxygenase-2 immunoreactivity and their relationship with nitrergic neurons in normal and aganglionic bowel. 17th International Symposium on Paediatric Surgical Research, Liverpool, 1-2 October 2004
27. Solari V, Puri P Enhanced myofibroblast phenotypes expression in reflux nephropathy. 51st Annual International Congress of The British Association of Paediatric Surgery, Oxford, 27-30 July 2004
28. Solari V, et al. Increased expression of caspase-3 and apoptosis in reflux nephropathy. European Society of Paediatric Urology, Regensburg, Germany, 22 April 2004
29. Solari V, et al. Tumor necrosis factor-α gene polymorphism in reflux nephropathy. 55th Annual Conference of The American Academy of Pediatrics, New Orleans, LA, USA; 31 Oct-3 Nov 2003
30. Solari V, et al. The significance of serum erythopoetin levels in assessing the severity of renal damage in children with reflux nephropathy. 55th Annual Conference of The American Academy of Pediatrics, Section on Surgery, New Orleans, USA; 31 October -3 November 2003
31. Solari V, et al. Increased expression of EGFR and TGF-α in segmental renal dysplasia in duplex kidney. 16th Int. Symposium on Paediatric Surgical Research, Marseille, France; Oct 2003
32. Solari V, et al. Genetic polymorphisms of the renin-angiotensin-aldosterone system in reflux nephropathy. 50th Annual International Congress of The British Association of Paediatric Surgery, Estoril, Portugal; 18-22 July 2003
33. Piaseczna Piotrowska A, Solari V, et al. Altered Distribution of Interstitial cells of Cajal in the “Normal” Appendices Following Emergency Appendectomy. 50th Annual International Congress of The British Association of Paediatric Surgery, Estoril, Portugal; 18-22 July 2003
34. Solari V. Interstitial Cells of Cajal in Hirschsprung’s disease and associated disorders. Österreichische Gesellschaft für Kinder- u. Jugendchirurgie (ÖGKJCH), Bregenz, Österreich; 19-21 Juni 2003
35. Solari V, Puri P. Genetic polymorphisms of angiotensin system genes in congenital diaphragmatic hernia associated with persistent pulmonary hypertension. 34th Annual Meeting of The American Pediatric Surgical Association, Fort Lauderdale, FL, USA; 24-27 May 2003
36. Sakai M, Unemoto K, Solari V, Puri P. Decreased Expression of Voltage-Gated K+ Channels in Pulmonary Artery Smooth Muscle Cells in Nitrofen Induced Congenital Diaphragmatic Hernia in Rats. 34th Annual Meeting of The American Pediatric Surgical Association, Fort Lauderdale, FL, USA; 25-27 May 2003
37. Piaseczna Piotrowska A, Solari V, Puri P. Altered Distribution of interstitial cells of Cajal in the normal bowel and bowel with dysmotility disorders. 5th European Congress of Paediatric Surgery, Tours, France; 21-24 May 2003
38. Solari V, et al. Increased c-met tyrosine kinase expression in segmental renal dysplasia. 5th European Congress of Paediatric Surgery, Tours, France; 21-24 May 2003
39. Solari V, et al. Increased Expression of Mast Cells in Reflux Nephropathy. Annual Meeting of the European Society for Paediatric Urology, Madrid, Spain; 12-15 March 2003
40. Piaseczna AP, Solari V, Puri P. Interstitial cells of Cajal in the human normal urinary bladder and in the urinary bladder of patients with magacystis microcolon intestinal hypoperistalsis syndrome. Annual Meeting of the European Society for Paediatric Urology, Madrid, Spain; 12-15 March 2003
41. Solari V, et al. Histopathological differences between recto-sigmoid Hirschsprung’s disease and total coloníc aganglionosis. 15th International Symposium for Paediatric Surgical Research, Graz, Austria; 29-30 November 2002
42. Solari V, et al. Cyclooxygenase-2 upregulation in reflux nephropathy 54th Annual Conference of The American Academy of Pediatrics, Section of Surgery, Boston, MA, USA; 19-21 October 2002
43. Solari V, et al. Progress in the treatment of congenital diaphragmatic hernia. 54th Annual Conference of The American Academy of Pediatrics, Section of Surgery, Boston, MA, USA; 19-21 October 2002
44. Solari V, et al. Expression of heme oxygenase-1 (HO-1) and endothelial nitric oxide synthase (eNOS) in the lung of newborns with congenital diaphragmatic hernia (CDH) and persistent pulmonary hypertension (PPH). 34th Annual Meeting of the Canadian Association of Pediatric Surgeons, Vancouver, BC, Canada, 19-22 September 2002
45. Solari V, et al. Altered expression of interstitial cells of Cajal in congenital ureteropelvic junction obstruction. 49th Annual International Congress of The British Association of Paediatric Surgery, Cambridge, UK; 18-21 July 2002
46. Piaseczna Piotrowska A, Solari V, et al. Heme oxygenase-2 distribution in Hirschsprung’s disease: colocalisation with neuronal nitric oxide synthase. 49th Annual International Congress of The British Association of Paediatric Surgery, Cambridge, UK; 18-21 July 2002
47. Unemoto K, Solari V, et al. Dexamethasone upregulates pulmonary cyclooxygenase-1 expression in nitrofen-induced congenital diaphragmatic hernia. 49th Annual International Congress of The British Association of Paediatric Surgery, Cambridge, UK; 18-21 July 2002
48. Solari V, et al. Mutation analysis of the RET gene in total intestinal aganglionosis by WAVE DNA Fragment Analysis System. 33th Annual Meeting of The American Pediatric Surgical Association, Phoenix, AZ, USA; 19-23 May 2002
49. Solari V, et al. Epithelial NA+ channel mRNA expression in the hypoplastic lung of newborns with congenital diaphragmatic hernia and oligohydramnios. 35th Annual Meeting of The Pacific Association of Paediatric Surgery, La Jolla, CA, USA; 12-16 May 2002
50. Piaseczna Piotrowaska A, Solari V, Puri P. Distribution of heme oxygenase -2 in nerves and interstitial cells of Cajal in the normal pylorus and infantile hypertrophic pyloric stenosis. 35th Annual Meeting of The Pacific Association of Paediatric Surgery, La Jolla, CA, USA; 12-16 May 2002
51. Rolle U, Solari V, et al. Abnormalities of c-kit positive cellular network in isolated hypoganglionosis. 33rd Annual Meeting of the Canadian Association of Pediatric Surgeons, Winnipeg, Manitoba, Canada; 13-16 September 2001
52. Solari V, Puri P. Glucocorticoid receptors gene expression in the hypoplastic lungs of newborns with congenital diaphragmatic hernia. 33rd Annual Meeting of the Canadian Association of Pediatric Surgeons, Winnipeg, Manitoba, Canada; 13-16 September 2001
53. Solari V, et al. COX-1 and COX-2 expression in newborns with congenital diaphragmatic hernia and persistent pulmonary hypertension. 14th International Symposium on Paediatric Surgical Research, Madrid, Spain, March 2001.
54. Solari V, et al. NADPH-diaphorase and acetylcholinesterase histochemical staining of rectal suction biopsies in the diagnosis of Hirschsprung’s disease and related disorders. 4th European Congress of Paediatric Surgery, Budapest, Hungary, 3-5 May 2001
55. Solari V, et al. Progress in treatment of newborns with congenital diaphragmatic hernia: A 20 years’ experience. 4th European Congress of Paediatric Surgery, Budapest, Hungary, 3-5 May 2001
56. **EINGELADENE REZENSENTIN FÜR JOURNALE**

2020-jetzt Pediatric Surgery International

2017-jetzt Journal of Investigative Surgery

2019-jetzt Journal of Gastrointestinal Surgery

1. **LEHRE UND SUPERVISION**

***Medizinische Universität Wien:***

2022 Lehrauftrag für Kinder- und Jugendchirurgie. „Korrektur von häufigen angeborenen Fehlbildungen in der Kinderchirurgie“. SS22; LV730.000

2020-21 Lehrauftrag für Kinder- und Jugendchirurgie. „Angeborene Fehlbildungen des Gastrointestinaltrakt“. WS20/21; LV731.016

Seit-2016 Fachkoordinatorin für Kinder- und Jugendchirurgie

Seit 2016 Mentorin für Studierenden in Klinisch-Praktischen Jahr (KPJ)

Seit 2016 Gast Professorin

***University of Manchester, UK:***

2013-16 Supervision von internationalen Gast-AssistenzärztInnen für Kinderchirurgie, FY Doctors und Medizin-Studierenden im Royal Manchester Children’s Hospital.

2006 Lektorin: Studierende der Medizin, in Morecambe Bay NHS Hospital (Ehm. Furness General Hospital).

***University of Southern California (USC), Los Angeles, CA, USA, Saban Research Institute:***

2012Supervision vonStudierenden der Latino & African American High School Internship Program (LA-HIP)

***University of Liverpool, UK:***

2007-10 Lektorin: Medizin- und Undergraduate Studierende der Medical School

2007-10 Supervision von Biotechnology Undergraduate Studierende der School of Biological Sciences

###### ABSOLVIERTE KURSE UND FORTBILDUNGEN

12/2021 Zertifikatsprogramm "Medizinische Lehre Wien", Medizinische Universität Wien

2020-22 The Faculty of Surgical Trainers (web). Royal College of Surgeons of Edinburgh.

08/2021 Humanitarian Healthcare Course. Faculty of Remote, Rural and Humanitarian Healthcare (FRRHH), Royal College of Surgeons of Edinburg and UK-Med, UK

06/2021 Fortbildungs-Diplom der ÖÄK

02/2021 Vorbereitungsseminar für die Gutachterprüfung. Österreichische Akademie der Ärzte (ÖÄK)

2018-jetzt The Hendren Project, International Colorectal Web Meetings (bimonthly). Children’s Hospital Colorado, USA

2019 AO Trauma Course Paediatric. Leeds, UK

2019 „Update Tracheostomie und Tracheostomaversorgung“. Österreichische Gesellschaft für Logopädie, Phoniatrie und Pädaudiologie. Wien, Österreich

2018 Peña Course: 63rd Workshop for the colorectal surgical treatment of colorectal problems in Children. Children’s Hospital Colorado, Aurora, CO, USA

2018 Kurzdarmsyndrom: Optimale Lebensqualität trotz verminderter Resorption. Arbeitsgemeinschaft Klinische Ernährung. Wien, Österreich

2017 ECMO Course. Papworth Hospital, Cambridge, UK

2017 Intestinal Failure and Transplantation Symposium. Launch of LIFT: Leuven Intestinal Failure and Transplantation Center. University Hospital Leuven, Belgium

2014 Definitive Surgical Trauma Skills. Royal College of Surgeons of England. UK

2006 Advanced Pediatric Life Support (APLS). Alder Hey Children’s Hospital. Liverpool, UK

2006 Member of the Royal College of Surgeons, Anatomy. Kings College, London, UK

2006 Member of the Royal College of Surgeons, Part 3 clinical and oral. Hammersmith Hospital, Imperial College Healthcare NHS Trust, London, UK

2005 Basic Surgical Skills. Royal Liverpool University Hospitals, NHS Trust, Liverpool, UK

2003 Pectum Excavatum Workshop. The Nuss Procedure Universitätsklinik für Kinder- und Jugendchirurgie, Medizinische Universität Graz, Österreich

2003 Traumatologische Frakturenstabilisierung. Universitätsklinik für Kinder- und Jugendchirurgie, Medizinische Universität Graz, Österreich

2001 PCR Technology Workshop, Dublin Institute of Technology, Dublin, Ireland

1. **MANAGEMENT** 
   1. **Formelle Ausbildung:**

2018-20 Health Care Management für Medizinische Führungskräfte mit der Vertiefung Gesundheitsmanagement und Public Health. Donau Universität Krems, Österreich (60 ECTS Punkte)

* 1. **Management Erfahrung:**

2017-18 Leitende Oberärztin einer Kinderchirurgischen Station (30 Betten) in Klinikum Donaustadt

* 1. OP-Liste, Abtl. Kinder- und Jugendchirurgie, Klinikum Donaustadt

2014-16 Rota coordinator and Theater list planner, Department of Paediatric Surgery, Royal Manchester Children’s Hospital, UK

2009-13 Mitplanung und Verwaltung von Medical Research Council Forschungsförderungsfond ca. €300.000 für Forschungsausgaben

* 1. **Qualitätsmanagement:**
* Laufende Durchführung von chirurgischen Audits durch prospektive oder retrospektive Analyse von Prozessdaten mit Schließung von Zyklus: University Hospital of Morecambe Bay, Barrow-in-Furness (2005-06); Alder Hey Children’s Hospital, Liverpool (2007-10) und Royal Manchester Children’s Hospital (2014-16), UK
* Laufende Prozessanalyse der chirurgischen und Kinderchirurgische Morbidität und Mortalität Konferenzen, root-cause-analysis, etc. University Hospital of Morecambe Bay, Barrow-in-Furness (2005-06); Alder Hey Children’s Hospital, Liverpool (2007-10) und Royal Manchester Children’s Hospital (2014-16), UK

1. **Ehrenamtliche HUMANITÄRE EINSÄTZE**

2019 Kinderchirurgin (Team leader) mit der Organisation Cirujano en action, Madrid, Spanien und Hernia International, UK; in Engineer Hospital, Nyandarua, Kenya, Afrika. 6-16 Dezember 2019

2010 Kinderchirurgin mit der Organisation Ulan Bator Foundation, Venice, CA, und Children’s Hospital Los Angeles, USA in N. Gendenjamts Memorial National Center for Maternal and Child Health, Ulaanbaatar, Mongolia. 1-11 September 2010

1. **SPRACHKENNTNISSE**

Deutsch und Italienisch Muttersprachen (Gymnasium und Reifeprüfung in italienisch, Rom, Italien).

English Sprachniveau-Skala nach dem EU-Referenzrahmen: C2 Level (Kompetente Spracheverwendung) auf Verstehen, Sprechen und Schreiben.