

## CURRICULUM VITAE



**Atsuyuki YAMATAKA, MD, PhD, FAAP (Hon), EUPSA (Hon), APSA(Hon)**

Email: yama@juntendo.ac.jp

**Japanese Medical License**

May 1985: Registration number: 292261

**PhD**

January 1993: Thesis number: 1107

Hirschsprung's disease: Diagnosis using monoclonal antibody 171B5

Juntendo University School of Medicine Graduate School, Tokyo, Japan

♦ **Current Position: April 2024 ~**

**Specially Appointed Professor**

Department of Pediatric Surgery

Juntendo University School of Medicine, Tokyo, Japan

<https://hosp.juntendo.ac.jp/>

[www.juntendo.ac.jp/english/department/gra/pediatric\\_surgery/](http://www.juntendo.ac.jp/english/department/gra/pediatric_surgery/)

**Visiting Professor**

Department of Gastrointestinal and Pediatric Surgery

Tokyo Medical University, Tokyo, Japan

<https://hospinfo.tokyo-med.ac.jp/>

**Hospital Director**

Tokyo Surgical Clinic, Tokyo, Japan

<https://www.tokyogeka.com>

♦ **Attending Pediatric Surgeon at:**

Juntendo University Hospital

Tokyo Medical University Hospital

Tokyo Surgical Clinic

Tokyo Metropolitan Tobu Chiiki Hospital

Tokyo Metropolitan Bokuto Hospital

Tokyo Metropolitan Toshima Hospital

Saiseikai Kawaguchi General Hospital

Totsuka Kyoritsu Daini Hospital

Gonohashi Obstetrics & Gynecology Hospital

Sugamo Nagomi Clinic

Shin-urayasu Irifune Clinic

Tokyo Day Surgery Clinic

♦ **Past Positions**

**August 2006 – March 2024**

Professor and Chair of Pediatric Surgery | Juntendo University School of Medicine

Director | Juntendo Perinatal Medical Center

Vice Director | Juntendo Children's Medical Center

**December 2012 – March 2024**

Concurrent Professor | Department of Gastrointestinal and Pediatric Surgery

Tokyo Medical University

**April 2021 – March 2024**

Lecturer | Shinshu University, Nagano, Japan

**January 1999 – July 2006**

Associate Professor | Pediatric Surgery

Juntendo University School of Medicine, Tokyo, Japan

**January 1997 – December 1998**

Assistant Professor | Pediatric Surgery

Juntendo University School of Medicine, Tokyo, Japan

## **CURRICULUM VITAE**

### **March 1996 – December 1996**

Second Period of Overseas Training (See International Section Below).

### **July 1995 – February 1996**

Clinical Assistant Professor | Pediatric Surgery  
Juntendo University School of Medicine, Tokyo, Japan

### **July 1994 – June 1995**

Chief Resident | Pediatric Surgery  
Dokkyo University Hospital, Tochigi, Japan

### **March 1992 – July 1994**

Chief Resident | Pediatric Surgery  
Juntendo University Hospital, Tokyo, Japan

### **February 1990 – February 1992**

First Period of Overseas Training (See International Section Below).

### **June 1987 – January 1990**

Surgical Resident | Pediatric Surgery  
Juntendo University Hospital, Tokyo, Japan

### **June 1985 – May 1987**

Surgical Resident | General Surgery  
Juntendo University Hospital and affiliated Hospitals, Tokyo, Japan

## **♦ Postgraduate Training & Professional Achievements (International)**

### ***Second period (March 1996 – December 1996)***

#### **March 1996 – December 1996**

Junior Consultant | Pediatric Surgery  
Supervisor: Professor Kevin Pringle  
Division of Pediatric Surgery, Wellington Hospital, University of Otago, Wellington, New Zealand

### ***First period (February 1990 – February 1992)***

#### **August 1991 – February 1992**

Transplant Fellow | Queensland Liver Transplant Service  
Supervisor: Associate Professor S.V. Lynch  
Princess Alexandra Hospital and Royal Brisbane Children's Hospital, Brisbane, Australia

#### **February 1991 – July 1991**

Senior House Officer | Pediatric Surgery  
Supervisor: Professor L. Spitz  
The Hospital for Sick Children, Institute of Child Health, University of London, England

#### **February 1990 – January 1991**

Senior House Officer | Pediatric Surgery  
Supervisors: Professor D.A. Lloyd, Mr. R. C. M. Cook  
Royal Liverpool Children's Hospital, Alder Hey, Liverpool, England

## **♦ Board Certifications & Licenses (Japan)**

### **The Japanese Society of Pediatric Surgeons**

Board Certified Instructor in Pediatric Surgery (Registration number: 29239)  
Board Certified Pediatric Surgeon (Registration number: 4290292)

### **Japan Society of Endoscopic Surgery (JSES)**

Proctor for Robotic-assisted Surgery (Registration number: 22-P03)

### **da Vinci Surgical System Xi and Si approved by JSES**

Certified Console Surgeon

### **JSES Endoscopic Surgical Skill Qualification**

Qualified Pediatric Surgeon (Registration number: 09-PS-004)

### **Japan Surgical Society**

Board Certified Instructor in General Surgery (Registration number: S006764)  
Board Certified General Surgeon (Registration number: 1802065)

## **CURRICULUM VITAE**

### **Japanese Society of Pediatric Urology**

Board Certified Pediatric Urologist (Registration number: 2440103)

### **The Japanese Society of Pediatric Hematology/Oncology**

Board Certified Instructor in Pediatric Oncology (Registration number: 1320051)

### **Japanese Board of Cancer Therapy**

Instructor in Clinical Oncology (Registration number: 120010)

### **Ministry of Health, Labour and Welfare**

Clinical Instructor (Registration number: 2935)

#### **♦ Honorary Members**

2010~ American Academy of Pediatrics (AAP)

2017~ European Paediatric Surgeon's Association (EUPSA)

2022~ American Pediatric Surgical Association (APSA)

2024~ Japanese Society of Pediatric Surgeons (JSPS)

#### **♦ Publication Committee Chair**

2007-2009 Journal of Pediatric Surgery: PAPS Issue

2011-2015 Pediatric Surgery International (PSI): JSPS Issue

2013-2021 Pediatric Surgery International (PSI): AAPS Issue

\*AAPS: Asian Association of Pediatric Surgeons

#### **♦ Visiting Professor**

Cedars-Sinai Medical Center Columbus D. McAlpin Visiting Professor, Los Angeles, USA

Children's Mercy Hospital, University of Missouri, Kansas City, USA

University of the Witwatersrand, Johannesburg, South Africa

#### **♦ Publications (Peer Reviewed)**

*(See "English Publications" for details)*

Journal Articles: 515

#### **♦ Publications (Non-peer Reviewed)**

*(See "English Publications" for details)*

Book Chapters: 43

Review Articles: 13

Proceedings, Letters and Others: 15

#### **♦ Invited Lectures at International Meetings: 112**

*(See "Invited Lectures & Presentations at International Meetings" for details)*

#### **♦ Honors, Awards, and Other Experience**

##### **April 2024**

The Journal of Pediatric Surgery (JPS) Lecture entitled "Pediatric surgery: It's my life"

J Pediatr Surg Vol 60, No.2 February 2025 (<https://doi.org/10.1016/j.jpedsurg.2024.162071>)

##### **March 2015**

"The Professionals" Japanese Television NHK Documentary Series.

Episode 258: "Hope beyond fear" Pediatric Surgeon Atsuyuki Yamataka

##### **October 2010**

Stephen L. Gans Distinguished Overseas Lectureship Award

American Academy of Pediatrics (AAP)

##### **March 2008**

8<sup>th</sup> Kawano Prize for Pediatrics

Title: "Endoscopic Surgery in Pediatric Surgery"

##### **March 2003**

14<sup>th</sup> Tokyo Medical Association Academic Award

## **CURRICULUM VITAE**

Title: "Bladder Transplantation: New Treatment for Neurogenic Bladder"

### **May 2000**

22<sup>nd</sup> Alumni Scientific Award, Juntendo University School of Medicine  
Title: "Clinical & Experimental Studies on Pancreatico-biliary Malunion"

### **October 1996**

C. William Hall Outstanding Publication Award  
Journal of Investigative Surgery

#### **♦ Professional Association Memberships (International)**

American Academy of Pediatrics (FAAP) (Honorary Member)  
American Pediatric Surgical Association (APSA) (Honorary Member)  
European Paediatric Surgeons' Association (EUPSA) (Honorary Member)  
Paediatric Surgical Research (PSR): Board Member  
Pediatric Colorectal Club (PCC): Board Member  
Pacific Association of Pediatric Surgeons (PAPS): Past President  
International Pediatric Endosurgery Group (IPEG): Past President  
Asian Association of Pediatric Surgeons (AAPS): Past President  
British Association of Pediatric Surgeons (BAPS)  
World Federation of Associations of Pediatric Surgeons (WOFAPS)  
Endoscopic and Laparoscopic Surgeons in Asia (ELSA)

#### **♦ Professional Association Memberships (Japan)**

Japanese Society of Pediatric Surgeons (JSPS)  
Japanese Society of Pediatric Urology (JSPU)  
Japan Surgical Society (JSS)  
Japan Society for Endoscopic Surgery (JSES)  
Japanese Society of Pediatric Endoscopic & Surgical Technique  
Japanese Society of Pediatric Radiology  
The Japanese Society for Transplantation  
The Japanese Society of Pediatric Hematology/Oncology  
Japanese Society of Perinatal & Neonatology  
The Japanese Spina Bifida Study Society  
The Japanese Society for Small Bowel Transplantation  
The Robotics Society of Japan  
The Japanese Society of Pediatric Pulmonology  
The Japanese Study Group on Pancreaticobiliary Maljunction

#### **♦ Professional Association Office Bearer Experience (International)**

##### **Pacific Association of Pediatric Surgeons (PAPS)**

|                       |                              |
|-----------------------|------------------------------|
| 2015-2016             | President                    |
| 2014-2015             | President-Elect              |
| 2012-2017             | Board Member                 |
| 2007-2009             | Publication Committee Chair  |
| 2007-2009             | Board Member (non-voting)    |
| 2001-2006             | Publication Committee Member |
| 2001, 2003, 2006-2007 | Program Committee Member     |

##### **International Pediatric Endosurgery Group (IPEG)**

|                      |                                              |
|----------------------|----------------------------------------------|
| 2005-Present         | Journal Editorial Board Member               |
| 2010-Present         | Journal Pediatric Board Member, Asian Editor |
| 2009-Present         | President's Committee Member                 |
| 2006-2007            | President                                    |
| 2004-2005            | Vice President                               |
| 2003-2008            | Executive Committee Member                   |
| 2003-2004            | Asian Representative                         |
| 2008-2024            | Publication Committee Member                 |
| 2006-2024            | Education Committee Member                   |
| 2006-2024            | Development Committee Member                 |
| 2006-2011            | Research Committee Member                    |
| 2002-2003, 2006-2008 | Program Committee Member                     |

## **CURRICULUM VITAE**

|           |                             |
|-----------|-----------------------------|
| 2005-2007 | Nominating Committee Member |
| 2002-2009 | Membership Committee Member |
| 2002-2003 | Program Committee Member    |

### **Paediatric Surgical Research (PSR)**

|              |                              |
|--------------|------------------------------|
| 2006-Present | Board Member                 |
| 2006-Present | Publication Committee Member |
| 2010         | Local Organizing Chairman    |

### **Asian Association of Pediatric Surgeons (AAPS)**

|              |                               |
|--------------|-------------------------------|
| 2013-2021    | Publications Committee Chair  |
| 2012-2016    | President                     |
| 2010-2012    | President Elect               |
| 2008-2012    | Publications Committee Member |
| 2006-2010    | Vice President                |
| 2002-Present | Executive Board Member        |
| 1998-2006    | Secretary-Assistant           |

### **Pediatric Colorectal Club (PCC)**

|              |                              |
|--------------|------------------------------|
| 2006-Present | Board Member                 |
| 2006-Present | Publication Committee Member |
| 2018         | Local Organizing Chairman    |

### **World Federation of Associations of Pediatric Surgeons (WOFAPS)**

|           |                              |
|-----------|------------------------------|
| 2017-2022 | Scholarship Committee Chair  |
| 2008-2017 | Scholarship Committee Member |

## **♦ Professional Association Office Bearer Experience (Japan)**

### **Japanese Society of Pediatric Surgeons (JSPS)**

|              |                                                     |
|--------------|-----------------------------------------------------|
| 2020-2024    | Executive Board Member as Auditor                   |
| 2015-2020    | Executive Board Member for Educational Committee    |
| 2015-2020    | Executive Board Member for Database Committee       |
| 2011-2015    | Publication Committee Chair, PSI (JSPS Issue)       |
| 2015-2017    | Publication Committee Vice-chair, PSI (JSPS Issue)  |
| 2007-2017    | Publication Committee Member, PSI (JSPS Issue)      |
| 2011-2012    | Vice-Chair of Educational Committee                 |
| 2009-2010    | Chair of Educational Committee                      |
| 2005-2006    | Vice-Chair of Business Committee                    |
| 2003, 2005   | Director of Committee on Councilor Election         |
| 2001-2004    | Chair of Business Committee                         |
| 1998-2000    | Vice-Chair of Business Committee                    |
| 1999-2000    | Education and Terminology Committee Member          |
| 1997-1998    | J Jpn Soc Pediatr Surg Publication Committee Member |
| 1995-2024    | Councilor                                           |
| 2024-Present | Honorary Member                                     |

### **Japanese Society of Pediatric Urology (JSPU)**

|           |                                            |
|-----------|--------------------------------------------|
| 2019-2021 | Executive Board Member (Auditor)           |
| 2015-2019 | Executive Board Member – Treasurer         |
| 2013-2015 | Executive Board Member (Auditor)           |
| 2009-2013 | Executive Board Member - Insurance Affairs |
| 2003-2007 | Executive Board Member - Treasurer         |
| 2001-2024 | Councilor                                  |

### **Japan Society for Endoscopic Surgery (JSES)**

|           |                                                                |
|-----------|----------------------------------------------------------------|
| 2021-2024 | Executive Board Member (Auditor)                               |
| 2017-2020 | Executive Board Member                                         |
| 2018-2020 | Member of Robot-assisted Surgery Committee                     |
| 2017-2020 | Director of Education Committee in charge of Pediatric Surgery |
| 2017-2020 | Chair of Conflict-of-Interest Committee                        |
| 2014-2019 | Strategic Planning Committee Member                            |
| 2012-2018 | Skill Qualification Committee Member                           |
| 2011-2014 | Chair of Technical Review Committee (Pediatric Surgery)        |
| 2004-2020 | Guideline Committee (Pediatric Surgery) Member                 |

## **CURRICULUM VITAE**

### **Japan Surgical Society**

2014-2016 Scientific Committee Member  
2014-2016 Delegate  
2010-2012 Delegate

### **Japanese Society of Pediatric Endoscopic & Surgical Technique**

2015-2021 Executive Manager  
1989-2006 Secretary & Treasurer

### **Japanese Spina Bifida Study Society**

2016-2024 Chief Organizer

### **Japanese Biliary Atresia Society**

2024 -現在 Auditor  
2010-2024 Councilor

### **PAPS Japan**

2016-2020 Representative  
2012-2017 Executive Board Member

### **Japanese Society of Pediatric Radiology**

2015-2018 Delegate  
2012-2015 Executive Board Member  
2007-2012 Executive Board Member

### **Japanese Society of Perinatal & Neonatal Medicine**

2004-2024 Councilor  
2004-2008 Education Committee Member

### **Japanese Study Group on Pancreaticobiliary Maljunction**

2015-2024 Councilor

### **The Japanese Society for Small Bowel Transplantation**

1997-2000 Secretary & Treasurer

#### **♦ Journal Editorial Experience (International)**

Journal of Pediatric Surgery (JPS) – Associate Editor  
Pediatric Surgery International (PSI) – Executive Editorial Board  
European Journal of Pediatric Surgery (EJPS) – Associate Editor  
JLAST: Asian Editor, Pediatric Editorial Board  
JLAST Videoscopy, Editorial Board  
\*JLAST: Journal of Laparoendoscopic & Advanced Surgical Techniques  
Hong Kong Medical Journal – International Editorial Advisory Board

#### **♦ Live Surgery & Operative Teaching Experience**

##### **21 March 2009**

Live Surgery-Laparoscopic Surgery for Imperforate Anus with Recto-urethral Fistula  
17<sup>th</sup> Asian Congress of Surgery and 68<sup>th</sup> Joint Meeting of Taiwan Surgical Association, Taipei, Taiwan

##### **1-3 December 2007**

Live Surgery - Open Laparoscopic Choledochal Cyst Excision  
Live Surgery Workshop, Chennai, India.

#### **♦ Congress Hosting Experience (International)**

##### **5-7 October 2018**

The 25<sup>th</sup> International Paediatric Colorectal Club Meeting (PCC), Tokyo, Japan

##### **12-14 September 2010**

The 23<sup>rd</sup> International Symposium on Paediatric Surgical Research (ISPSR), Tokyo, Japan

#### **♦ Congress Hosting Experience (Japan)**

##### **19-21 September 2020**

The 57<sup>th</sup> Annual Congress of the Japanese Society of Pediatric Surgeons (JSPS), Tokyo, Japan

##### **20-22 July 2022**

The 31<sup>st</sup> Annual Congress of the Japanese Society of Pediatric Urology (JSPU), Tokyo, Japan

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### **4 July 2009**

The 26<sup>th</sup> Annual Meeting of the Japanese Spina Bifida Study Society, Tokyo

### **24-25 October 2013**

The 33<sup>rd</sup> Annual Meeting of the Japanese Society for Pediatric Endosurgery & Surgical Techniques, Tokyo

### **1-2 December 2023**

The 50<sup>th</sup> Annual Meeting of the Japanese Biliary Atresia Society, Tokyo

### **♦ Japanese Ministry of Health, Labour and Welfare's Asian Medical Education and Training Support Program: Japan-Russia Pediatric Surgery Training Course Coordinator**

#### **25 November 2021**

Lecturer, 6<sup>th</sup> Teleconference.

Thoracoscopic Surgery for the CPAM: Operative timing and Procedure for Antenatal Cases.  
Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation.

#### **19 November 2020**

Moderator, 2<sup>nd</sup> Teleconference.

Biliary Atresia and Choledochal Cyst.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation.

#### **15 July 2021**

Lecturer, 5<sup>th</sup> Teleconference.

Laparoscopic Surgery for Anorectal Malformation: Current Diagnosis and Management.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation.

#### **12 March 2021**

Moderator, 4<sup>th</sup> Teleconference.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation

#### **4 February 2021**

Moderator and Lecturer, 3<sup>rd</sup> Teleconference.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation

#### **30 September 2020**

Commentator, 1<sup>st</sup> Teleconference.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation

#### **5-7 February 2020**

Lecturer, Endoscopic Surgery and Tracheal Endoscopic Treatment Workshop for Pediatric Surgeons.

Oita University & National Center for Obstetrics, Gynecology & Perinatology and Ministry of Healthcare of the Russian Federation

#### **5 December 5 2019**

Lecturer, Japanese Society of endoscopic Surgery (JSES) Japan-Russia Joint Program.

Endoscopic Surgical Skill Qualification System (ESSQS) of the Japanese Society of Endoscopic Surgery (JSES) in Pediatric Surgery Field.

### **♦ Workshop Teaching Experience**

#### **15 June 2013**

Lecturer, Surgical Skill Training

Juntendo University Trainee Orientation Program, Tokyo, Japan

#### **3 April 3 2013**

Lecturer, Project Based Learning and Project Based Coaching

Juntendo University Trainee Orientation Program, Tokyo, Japan

#### **4 April 2012**

Lecturer, Project Based Learning and Project Based Coaching

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Juntendo University Trainee Orientation Program, Tokyo, Japan

### **2 April 2011**

Lecturer, Project Based Learning and Project Based Coaching and Surgical Skills Training  
Juntendo University Trainee Orientation Program, Tokyo, Japan

### **9-10 January 2016**

Lecturer, 9<sup>th</sup> Advanced Course in Pediatric Surgery  
Kyushu University Training Center for Minimally Invasive Surgery, Fukuoka, Japan

### **10-11 January 2015**

Lecturer, 8<sup>th</sup> Advanced Course in Pediatric Surgery  
Kyushu University Training Center for Minimally Invasive Surgery, Fukuoka, Japan

### **11-12 January 2014**

Lecturer, 7<sup>th</sup> Advanced Course in Pediatric Surgery  
Kyushu University Training Center for Minimally Invasive Surgery, Fukuoka, Japan

### **12-13 January 2013**

Lecturer, 6<sup>th</sup> Advanced Course in Pediatric Surgery  
Kyushu University Training Center for Minimally Invasive Surgery, Fukuoka, Japan

### **14-15 January 2012**

Lecturer, 5<sup>th</sup> Advanced Course in Pediatric Surgery  
Kyushu University Training Center for Minimally Invasive Surgery, Fukuoka, Japan

### **♦ Supervised doctoral theses for 53 PhD students**

2023: Dr. Koki Nikai PhD

Prospective evaluation of common hepatic duct histopathology at the time of choledochal cyst excision ranging from children to adult. *Pediatr Surg Int* 40:15-18, 2023

2020: Dr. Junya Ishii PhD

Carrel patch hepaticojejunostomy anastomosis for cystic-type choledochal cyst in children followed up for more than 20 years: Special emphasis on histopathology. *J Pediatr Surg*

2020: Dr. Takafumi Mikami PhD

Renal scarring/function in high grade vesicoureteral reflux patients with anorectal malformation and bladder/bowel dysfunction. *Pediatr Surg Int* 36:69-74, 2020

2020: Dr. Kentaro Fujiwara PhD

Lessons learned from lower urinary tract complications of anorectoplasty for imperforate anus with rectourethral/rectovesical fistula: Laparoscopy-assisted versus posterior sagittal approaches. *J Pediatr Surg* 56:1136-1140, 2021

2020: Dr. Seitaro Kosaka PhD

Compromised vitality of spermatozoa after contact with colonic mucosa in mice: implications for fertility in colon vaginoplasty patients. *Pediatr Surg Int* 35:71-75, 2019

2020: Michiaki Ikegami PhD

Indications for Nonoperative Management of Uncomplicated Appendicitis in Children: A Prospective Analysis at a Single Institution. *J Laparoendosc Adv Surg Tech A* 30:70-75, 2020

2018: Dr Susumu Yamada PhD

Down-regulation of FGF10 in hypospadias prepuce.

2018: Dr Yuichiro Miyake PhD

Kidney structure and function in dilating vesicoureteral reflux patients with anorectal malformation *World J Pediatr Surgery*. 3:e000088 1-5, 2019

2018: Dr Takaaki Imaizumi PhD

Rectal mucosal/submucosal biopsy under general anesthesia ensures optimum diagnosis of bowel motility disorders. *Pediatr Surg Int* 32:1173-1176, 2016

2017: Dr. Masahiro Takeda PhD

Semaphorin 3A expression following intestinal ischemia/reperfusion injury in Sox10-Venus mice. *Pediatr Surg Int* 33:383-388, 2017

2017 Dr. Yusuke Shigeta PhD



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Bone mineral density is increased in the cadmium-induced omphalocele chick model by using three-dimensional micro-computed tomography. *Pediatr Surg Int* 35:911-914, 2019

2016. Dr. Yuta Yazaki PhD

Surgical management of recto-prostatic and recto-bulbar anorectal malformations. *Pediatr Surg Int*. 32:939-44, 2016

2016: Dr. Hiroshi Murakami PhD

Intestinal microbiota in neonates requiring urgent surgery: assessing the role of probiotics using fecal DNA sequencing. *Pediatr Surg Int* 32:37-43, 2016

2016 Dr. Hideaki Nakajima PhD

Does time taken to achieve jaundice-clearance influence survival of the native liver in post-Kasai biliary atresia? *World J Pediatr* 14:191-196, 2018

2016: Dr. Kazuto Suda PhD

The effect of preoperative urinary tract infection on postoperative renal function in prenatally diagnosed ureteropelvic junction obstruction: Indications for the timing of pyeloplasty. *J Pediatr Surg* 50:2068-2070, 2015

2016: Dr. Soichi Shibuya PhD

Factors Conducive to Catch-Up Growth in Postoperative Jejunoileal Atresia Patients as Prognostic Markers of Outcome. *Eur Pediatr Surg* 26: 123-127, 2016

2016: Dr. Asuka Ishiyama PhD

Staged segmental urethroplasty for scrotal/perineal hypospadias: a new concept. *Pediatr Surg Int* 32:403-409, 2016

2014: Dr. Momoko Wada PhD

Experience of treating biliary atresia with three types of portoenterostomy at a single institution: extended, modified Kasai, and laparoscopic modified Kasai. *Pediatr Surg Int* 30:863-870, 2014

2014: Dr. Hiroki Nakamura PhD

Reappraising the portoenterostomy procedure according to sound physiologic/anatomic principles enhances postoperative jaundice clearance in biliary atresia. *Pediatr Surg Int* 28:205-209, 2012

2014: Dr. Shogo Seo PhD

Management of inguinal hernia in children can be enhanced by closer follow-up by consultant pediatric surgeons. *Pediatr Surg Int* 28:33-36, 2012

2014: Dr. Takanori Ochi PhD

A comparison of clinical protocols for assessing postoperative fecal continence in anorectal malformation. *Pediatr Surg Int* 28:1-4, 2012

2012: Dr. Rumi Arii PhD

How valuable is ductal plate malformation as a predictor of clinical course in postoperative biliary atresia patients? *Pediatr Surg Int* 27:275-277, 2012

2012: Dr. Abudebieke Halibieke PhD

Intraoperative colonoscopy facilitates safe dissection of the rectal pouch in a case of male imperforate anus. *Asian J Endosc Surg* 5:59-62, 2012

2011: Dr. Katsumi Miyahara PhD

Neuronal immaturity in normoganglionic colon from cases of Hirschsprung disease, anorectal malformation, and idiopathic constipation. *J Pediatr Surg*. Dec;44:2364-2368, 2009

2011: Dr. Toshiaki Takahashi PhD

Radiographic signs predictive of success of hydrostatic reduction of intussusception. *Pediatr Surg Int* 25:977-980, 2009

2011: Dr. Ryo Sueyoshi PhD

Managing prenatally diagnosed asymptomatic congenital cystic adenomatoid malformation. *Pediatr Surg Int* 24:1111-1115, 2008

2011: Dr. Yumi Fukatsu PhD

Prognostic implications of bile lakes after surgery for biliary atresia. *J Pediatr Surg* 43:2165-2168, 2008

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2010: Dr. Hiroko Watayo PhD

Is intraoperative anal endosonography necessary during laparoscopy-assisted anorectoplasty for high/intermediate type imperforate anus. J Laparoendosc Adv Surg Tech 18:123-126, 2008

2010: Dr. Naho Fujiwara PhD

A comparative study of laparoscopy-assisted pull-through and open pull-through for Hirschsprung's disease with special reference to postoperative fecal continence

J Pediatr Surg 42: 2071-2074, 2007

2010: Dr. Satoko Shiyanagi PhD

Management of pulmonary hypertension in congenital diaphragmatic hernia: nitric oxide with prostaglandin-E1 versus nitric oxide alone. Pediatr Surg Int 24: 1101-1104, 2008

2009: Dr. Chizue Ichijo PhD

Midterm postoperative clinicoradiologic analysis of surgery for high/intermediate-type imperforate anus: prospective comparative study between laparoscopy-assisted and posterior sagittal anorectoplasty. J Pediatr Surg 43:158-162, 2007

2008: Dr. Satoko Ichikawa PhD

Prospective study of antibiotic protocols for managing surgical site infections in children.

J Pediatr Surg 42: 1002-1007, 2007

2008: Dr. Nana Nakazawa PhD

Disturbance of retinol transportation causes Nitrofen-induced hypoplastic lung.

J Pediatr Surg 42: 345-349, 2007

2007: Dr. Lee Kyeong Deok PhD

Graft serosectomy in adult small bowel transplantation without vascular reconstruction in rats improves graft survival by induction of vascular endothelial growth factor. J Pediatr Surg 40:1881-1886, 2005

2007: Dr. Fumiko Horigome PhD

Developmental anomalies of the enteric nervous system in ganglionic segments of bowel from rats with total colonic aganglionosis. Pediatr Surg Int 23:991-995, 2007

2007: Dr. Junichi Kusafuka PhD

Does abnormal expression of acetylcholine receptors in HD induce acetylcholine positive nerve fibers? Asian J Surg 30:255-260, 2007

2007: Dr. Mihoko Ishihara PhD

Prospective Analysis of Primary Modified Georgeson's Laparoscopy-assisted Endorectal Pull-Through for Hirschsprung's Disease: Short- to Mid-term Results. Pediatr Surg Int 21:878-82, 2005

2007: Dr. Takashi Marusasa PhD

New primary management for appendiceal masses in children: laparoscopic drainage. J Laparoendosc Adv Surg Tech 17: 497-500, 2007

2007 Dr. Tsuyoshi Tamura PhD

Inchin-ko-to prevents medium-term liver fibrosis in postoperative biliary atresia patients. Pediatr Surg Int 23:343-347, 2007

2006: Dr. Manabu Okawada PhD

Efficacy of protocolized management for congenital diaphragmatic hernia: A review of 100 cases. Pediatr Surg Int 22: 925-930, 2006

2006: Dr. Yutaka Hayashi PhD

Review of 86 myelodysplasia patients with neurogenic bladder who had sigmoidocolocystoplasty followed-up for more than 10 years. J Urol 76: 1806-1809, 2006

2006: Dr. Go Miyano PhD

Laparoscopic injection of Dermabond tissue adhesive for the repair of inguinal hernia: short-and-long term Follow-up. J Pediatr Surg 39: 1867-1870, 2004

2006: Dr. Eri Tei PhD

Laparoscopically assisted anorectovaginoplasty for selected types of female anorectal malformations. J Pediatr Surg 38:1770-1774, 2003

2006: Dr. Hiroyuki Koga PhD

Experimental allogenic penile transplantation. J Pediatr Surg 38:1802-1805, 2003

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2005: Dr. Zhang Hong-Bo PhD

Bladder stone formation after colocolocystoplasty: statistical analysis of risk factors.

J Pediatr Surg 40:407-411, 2005

2004: Dr. Kazuhiro Kaneyama PhD

Associated urologic anomalies in children with solitary kidney. J Pediatr Surg 39: 85-87, 2004

2003: Dr. Akihiro Shimotakahara PhD

Forme fruste choledochal cyst: long-term follow-up with special reference to surgical technique.

J Pediatr Surg 38: 1833-1836, 2003

2003: Dr. Yuki Ogasawara PhD

The intussusception antireflux valve is ineffective for preventing cholangitis in biliary atresia-A prospective study. J Pediatr Surg 38: 1826-1829, 2003

2002: Dr. Ryosuke Satake PhD

Treatment of multicystic dysplastic kidney-Comparison between conservative and surgical treatment.

Juntendo Med J (In Japanese, English Abstract)

1999: Dr. Kimie Iwashita PhD

Histological examination of the neobladder mucosa following sigmoid-colocolocystoplasty. Juntendo Med J (In Japanese, English Abstract)

1999: Dr. Kun Wang PhD

Complications after sigmoidocolocolocystoplasty: review of 100 cases at one institution. J Pediatr Surg 34: 1672-1677, 1999

1998: Dr. Geoffrey J. Lane PhD

Multiple bowel atresia following syngeneic fetal small bowel transplantation in rats. J Pediatr Surg 33: 896-898, 1998

1996: Dr. Yoshifumi Kato PhD

Specific acceptance of fetal bowel allograft in mice after combined treatment with anti-ICAM-1 and anti-LFA-1 antibodies. Ann Surg 223: 94-100, 1996

### ◆ Research Funding

#### Endowed Department

**Funding Institution:** Johnson & Johnson Co., Ltd.

**Official Name:** Department of Minimally Invasive Surgical Science

**Established:** April 1, 2006

**Term:** 2006-2008

**Endowment Sum:** A total of JPY 90 million (JPY 30 million per year)

**Director:** Atsuyuki Yamataka

**Principal Investigator:** Atsuyuki Yamataka

**Funding Institution:** Eisai Co., Ltd.

**Official Name:** Department of Research & Development for Organoids Juntendo University  
School of Medicine

**Established:** April 1, 2019

**Term:** 2022-2024

**Endowment Sum:** A total of JPY 90 million (JPY 30 million per year)

**Director:** Nobutaka Hattori

**Principal Investigator:** Tetsuya Nakamura

**Candidate's Role:** Co-investigator

**Funding Institution:** Eisai Co., Ltd.

**Official Name:** Department of Research & Development for Organoids

**Established:** April 1, 2019

**Term:** 2019-2021

**Endowment Sum:** A total of JPY 90 million (JPY 30 million yen per year)

**Director:** Nobutaka Hattori

**Principal Investigator:** Tetsuya Nakamura

**Candidate's Role:** Co-investigator

## CURRICULUM VITAE

### **Japan Agency for Medical Research and Development (AMED) Project**

**Funding Institution:** Development and Commercialization of Innovative Medical Devices.  
– Practical Application Type, 2022-2023  
**Grant Title:** Development of a Groundbreaking Intestinal Epithelium Detachment System Using Chelating Agents and Its Medical Applications.  
**Grant:** JPY 40million  
**Principal Investigator:** Tetsuya Nakamura  
**Candidate's Role:** Co-Investigator

### **Grants-in-aid for Scientific Research (Government Funded)**

**Funding Institution:** Grant-in-Aid for Challenging Research (Exploratory) (No.25K22651) from the Ministry of Education, Culture, Sports, Science and Technology, 2025-2027  
**Grant Title:** Generation of Esophageal-Epithelialized Colonic Tissue and Its Effect on Preventing Malignant Tumor Development after Esophageal Reconstruction  
**Principal Investigator:** Atsuyuki Yamataka  
**Grant:** JPY 6.5 million

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.24K11791) from the Ministry of Education, Culture, Sports, Science and Technology, 2024-2027  
**Grant Title:** Novel Development of Rat Bladder Epithelial Organoid Cultures toward Constructing a Model of Bladder-Epithelialized Intestinal Tissue  
**Principal Investigator:** Kazuto Suda  
**Candidate's Role:** Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.24K11792) from the Ministry of Education, Culture, Sports, Science and Technology, 2024-2027  
**Grant Title:** Interaction between Transplanted Enteric Neural Stem Cells and Recipient Intestine in Pediatric Enteric Neuropathy  
**Principal Investigator:** Soichi Shibuya  
**Candidate's Role:** Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.24K14333) from the Ministry of Education, Culture, Sports, Science and Technology, 2024-2027  
**Grant Title:** Evaluation of Pelvic Floor Muscle Training in Children with Anorectal Malformations Using a Home Electrical Stimulation Device  
**Principal Investigator:** Hiroko Watayo  
**Candidate's Role:** Co-investigator

**Funding Institution:** Grant-in-Aid for Challenging Research (Exploratory) (No.23K27666) from the Ministry of Education, Culture, Sports, Science and Technology, 2023-2026  
**Grant Title:** Outcome after colocoloplasty procedures using intestine transplanted with urothelial organoids  
**Principal Investigator:** Atsuyuki Yamataka  
**Grant:** JPY 18.6 million

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.23K08038) from the Ministry of Education, Culture, Sports, Science and Technology, 2023-2026  
**Grant Title:** Elucidation of Intestinal Enlargement Mechanisms through Crypt Replication Dynamics Tracking Using Multicolor Reporter Mice  
**Principal Investigator:** Yuka Matsumoto  
**Candidate's Role:** Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.23K08725) from the Ministry of Education, Culture, Sports, Science and Technology, 2023-2026  
**Grant Title:** Elucidation of Neurogenic Bladder Progression in Spina Bifida Patients through Bladder Remodeling  
**Principal Investigator:** Rumi Arai  
**Candidate's Role:** Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.22K08741) from the Ministry of Education, Culture, Sports, Science and Technology, 2022-2025

## CURRICULUM VITAE

Grant Title: Development of a Novel Transplantation Therapy for Short Bowel Syndrome Using Neonatal and Infant Small Intestinal Organoid-Based Artificial Intestines

Principal Investigator: Hiroyuki Koga

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.22K08721) from the Ministry of Education, Culture, Sports, Science and Technology, 2022-2025

Grant Title: Basic Research on Elucidating the Pathogenesis of Hirschsprung's Disease and Developing Therapeutic Strategies Using Embryonic Stem Cells

Principal Investigator: Naho Fujiwara

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Challenging Research (Exploratory) (No.20K21637) from the Ministry of Education, Culture, Sports, Science and Technology, 2020-2022

Grant Title: Investigating the basics of developing new colocolostomy procedures using intestine transplanted with urothelial organoids

Principal Investigator: Atsuyuki Yamataka

Grant: JPY 6.5 million

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.19K09103) from the Ministry of Education, Culture, Sports, Science and Technology, 2019-2022

Grant Title: Development of Functional Regenerative Medicine for Hirschsprung's Disease Using Neural Crest Cell Transplantation

Principal Investigator: Naho Fujiwara

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.19K09083) from the Ministry of Education, Culture, Sports, Science and Technology, 2019-2022

Grant Title: Analysis of the tissue-constructing potential of epithelial organoids established from pediatric small intestinal tissue

Principal Investigator: Hiroyuki Koga

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.18K080601) from the Ministry of Education, Culture, Sports, Science and Technology, 2018-2021

Grant Title: Comprehensive quest for new markers of Hirschsprung's disease using transparent tissue imaging

Principal Investigator: Katsumi Miyahara

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.17K11520) from the Ministry of Education, Culture, Sports, Science and Technology (MEXT), 2017-2019

Grant Title: New treatment strategies for Hirschsprung's disease using umbilical cord stem cells for enteric nerve regeneration

Principal Investigator: Atsuyuki Yamataka

Grant: JPY 4.6 million

**Funding Institution:** Grant-in-Aid for Scientific Research © (No.15K10929) from the Ministry of Education, Culture, Sports, Science and Technology (MEXT), 2015-2017

Grant Title: Comprehensive quest for new biomarkers of Hirschsprung's disease; focusing on new mechanisms for extrinsic neuron hyperplasia.

Principal Investigator: Katsumi Miyahara

Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research © (No.26462715) from the Ministry of Education, Culture, Sports, Science and Technology (MEXT), 2014-2016

Grant Title: Research on the etiology of dysfunctional defecation and urination in spina bifida and new prevention and treatment strategies

## **CURRICULUM VITAE**

Principal Investigator: Atsuyuki Yamataka  
Grant: JPY 4.8 million

**Funding Institution:** Grant-in-Aid for Scientific Research © (No.23593340) from the Ministry of Education, Culture, Sports, Science and Technology (MEXT), 2011-2015  
Grant Title: Empowering the nursing care program of children with defecations disorders: Action Plan  
Principal Investigator: Miyuki Nishida  
Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.15591893) from the Ministry of Education, 2003-2005  
Grant Title: Long-term Outcome of bladder augmentation using living-related partial bladder transplantation in rats.  
Principal Investigator: Atsuyuki Yamataka

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No.12671744) from the Ministry of Education, 2000-2002  
Grant Title: Living-related partial bladder transplantation for bladder augmentation in rats: an experimental study  
Principal Investigator: Atsuyuki Yamataka  
Grant: JPY 1.8 million

**Funding Institution:** Grant-in-Aid for Scientific Research (A) (No.05857197) from the Ministry of Education, 1993  
Grant Title: Tubed latissimus dorsi musculocutaneous flaps for thoracic esophageal replacement-An experimental study  
Principal Investigator: Ohya Toshiki  
Candidate's Role: Co-investigator

**Funding Institution:** Grant-in-Aid for Scientific Research (C) (No. 02241214) from the Ministry of Education, 1990  
Grant Title: Fluorescence-immunohistochemistry and electrical responses of new synaptic vesicle-specific proteins  
Principal Investigator: Hiroshi Nishiye  
Candidate's Role: Co-investigator

### **♦ Research Grants, the Ministry of Health, Labour and Welfare**

**Funding Institution:** Research on Measures for Intractable Diseases, Health and Labour Sciences Research Grants, Ministry of Health, Labour and Welfare (No. 201610013B, 201510036A, 201415080A), 2014-2016  
Grant Title: A Study on Developing Guidelines Encompassing the Transitional Care of Pediatric-Onset Rare and Intractable Gastrointestinal Diseases  
Principal Investigator: Tomoaki Taguchi  
Candidate's Role: Co-investigator

**Funding Institution:** Research on Measures for Intractable Diseases, Health and Labour Sciences Research Grants, Ministry of Health, Labour and Welfare (No. 201324075A) 2012-2013  
Grant Title: A Comprehensive Survey of Pediatric-Onset Rare and Intractable Gastrointestinal Disorders and the Seamless Formulation of Clinical Practice Guidelines  
Principal Investigator: Tomoaki Taguchi  
Candidate's Role: Co-investigator

### **♦ Grants-in-aid for Environmental Research (Government Funded)**

**Funding Institution:** Environment Institute Project Grant (No. E0703), 2009  
Grant Title: Institute for environment and gender specific medicine,  
Principal Investigator: Atsuyuki Yamataka

## **CURRICULUM VITAE**

- Funding Institution:** Environment Institute Project Grant (No. E2207), 2002  
**Grant Title:** Relationship between primary vesicoureteric reflux and environmental factors  
**Principal Investigator:** Atsuyuki Yamataka
- Funding Institution:** Environment Institute Project Grant (No. E2208), 2002  
**Grant Title:** Relationship between genes of Hirschsprung's disease and environmental factors  
**Principal Investigator:** Hiroyuki Kobayashi  
**Candidate's Role:** Co-investigator
- Funding Institution:** Environment Institute Project Grant (No. E2209), 2002  
**Grant Title:** Relationship between neuroblastoma, biological behaviours and environmental factors  
**Principal Investigator:** Ohshiro Kiyohiko  
**Candidate's Role:** Co-investigator
- Funding Institution:** Environment Institute Project Grant (No. E2210), 2002  
**Grant Title:** Relationship between choledochal cyst incidences and environmental factors  
**Principal Investigator:** Yoshifumi Kato  
**Candidate's Role:** Co-investigator
- Funding Institution:** Environment Institute Project Grant (No. E1208), 2002  
**Grant Title:** Correlation between environmental factors and induced anomalies in pediatric surgery  
**Principal Investigator:** Takeshi Miyano  
**Candidate's Role:** Co-investigator
- Funding Institution:** Environment Institute Project Grant (No. E1209), 2002  
**Grant Title:** Relationship between environmental factors and the incidence of hypospadias  
**Principal Investigator:** Atsuyuki Yamataka

### **♦ Juntendo University Funded Grants**

- Funding Institution:** Juntendo University Project Grant (No. 0327), 2003  
**Grant Title:** Living-related bladder augmentation: Long-term follow-up  
**Principal Investigator:** Manabu Okawada  
**Candidate's Role:** Co-investigator
- Funding Institution:** Juntendo University Project Grant (No. 9438), 1994  
**Grant Title:** Quantitative analysis of neuronal innervation of the aganglionic bowel in patients with allied Hirschsprung's disorders  
**Principal Investigator:** Atsuyuki Yamataka
- Funding Institution:** Juntendo University Project Grant (No. 9410), 1994  
**Grant Title:** Immunosuppressive effects of anti-adhesion molecules on fetal mice small bowel transplantation  
**Principal Investigator:** Yoshifumi Kato  
**Candidate's Role:** Co-investigator
- Funding Institution:** Juntendo University Project Grant (No. 9318), 1993  
**Grant Title:** Quantitative analysis of neuronal innervation of the aganglionic bowel in patients with Hirschsprung's disease  
**Principal Investigator:** Atsuyuki Yamataka
- Funding Institution:** Juntendo University Project Grant (No. 9111), 1991  
**Grant Title:** Anti-LFA-1 effect on organ transplantation  
**Principal Investigator:** Hiroyuki Kobayashi  
**Candidate's Role:** Co-investigator
- Funding Institution:** Juntendo University Project Grant (No. 8814), 1988

## CURRICULUM VITAE

Grant Title: Experimental study on small bowel transplantation  
Principal Investigator: Atsuyuki Yamataka

### ♦ Private Sector Funded Grants

**Funding Institution:** Kawano Masanori Memorial Public Interest Incorporated Foundation for Promotion of Pediatrics, 2019

Grant Title: Surgical application of organoid transplantation and hybrid intestines for treating refractory conditions

Principal Investigator: Atsuyuki Yamataka

**Funding Institution:** Kawano Masanori Memorial Public Interest Incorporated Foundation for Promotion of Pediatrics, 2018

Congress Title: The 25th International Paediatric Colorectal Club Meeting

Organizer: Atsuyuki Yamataka

**Funding Institution:** TERUMO Life Science Foundation, 2018

Congress Title: The 25th International Paediatric Colorectal Club Meeting

Organizer: Atsuyuki Yamataka

**Funding Institution:** The Uehara Memorial Foundation, 2017

Congress Title: The 25th International Paediatric Colorectal Club Meeting

Organizer: Atsuyuki Yamataka

**Funding Institution:** Radiation Effects Association, 2016

Grant Title: Development and application of new urinary biomarkers for radiation exposure in patients with pediatric surgical conditions

Principal Investigator: Atsuyuki Yamataka

**Funding Institution:** The Japanese Foundation for research and promotion of endoscopy, 2015

Grant Title: The value of developing new intraoperative diagnostic markers for use during endoscopic corrective surgery for Hirschsprung's disease and factors predictive of postoperative enterocolitis.

Principal Investigator: Atsuyuki Yamataka

**Funding Institution:** Takeda Science Foundation, 2012

Congress Title: The 33rd Annual Meeting of the Japanese Society for Pediatric Endosurgery & Surgical Techniques

Organizer: Atsuyuki Yamataka

**Funding Institution:** The Japanese Foundation for Research and Promotion of Endoscopy, 2010

Grant Title: A new technique for creating a retroperitoneal space for retroperitoneoscopic renal surgery in children

Principal Investigator: Hiroyuki Koga

Candidate's Role: Atsuyuki Yamataka

**Funding Institution:** The Japanese Foundation for Research and Promotion of Endoscopy, 2009

Grant Title: Laparoscopic advanced surgery for hepatico-biliary disease in children

Principal Investigator: Atsuyuki Yamataka

**Funding Institution:** Takeda Science Foundation, 2009

Grant Title: Mechanism of intestinal adaptation after massive bowel resection

Principal Investigator: Hiroyuki Koga

Candidate's Role: Co-investigator

**Funding Institution:** Kawano Masanori Memorial Public Interest Incorporated Foundation for Promotion of Pediatrics, 2009

Grant Title: Adaptation in patients with short gut syndrome

Principal Investigator: Hiroyuki Koga

Candidate's Role: Co-investigator

**Funding Institution:** The Uehara Memorial Foundation, 2008

Grant Title: Adaptation in patients with short gut syndrome



## **CURRICULUM VITAE**

Principal Investigator: Hiroyuki Koga  
Candidate's Role: Co-investigator

**Funding Institution:** The Japanese Foundation for Research & Promotion of Endoscopy, 2004  
**Grant Title:** Laparoscopic injection of DERMABOND tissue adhesive for the repair of inguinal hernia: short & long-term follow-up.  
**Principal Investigator:** Atsuyuki Yamataka