

Curriculum Vitae

Srikanth Padma, MD

Contact information:

Work address: Section of HPB Surgery, Division of GI & Minimally Invasive Surgery, Department of Surgery, Carolinas Medical Center, 1000 Blythe Blvd, MEB Suite 105, Charlotte, NC 28203

Home address: 10237 Garmoyle Street, Charlotte, NC 28277

Phone: Work (704) 355-7713, (704) 355-6220; Home (610)480-8900; Mobile (610) 888-0199

Fax: (704) 355-7821 ATTN: Dr S Padma

Email: Srikanth.Padma@carolinashealthcare.org , padmasrikanth@yahoo.com

Personal data:

Date of birth: May 16th 1964

Gender: Male

Marital status: Married

Family members: Wife: Hymavathi Padma, MD; Daughter: Anisha Padma

Visa status: Currently on O-1 (extra-ordinary ability) visa

OBJECTIVE: To practice General Surgery with emphasis on abdominal, gastro-intestinal, laparoscopic, oncologic, trauma, and general vascular surgery, along with an additional focus on Hepato-Pancreatico-Biliary Surgery and Transplant-related general & vascular surgery including dialysis-access surgery in a community hospital environment with definitive responsibility, outcomes-research, patient diversity and a multi-modality collaborative approach ensuring comprehensive surgical management.

SUMMARY: Highly motivated, analytical and innovative physician with strong clinical experience and advanced surgical training, solid academic credentials, good work ethics and compassionate patient care.

JOB EXPERIENCE:

Nov '07 – Present: **Carolinas Medical Center, Charlotte, NC.**

Currently working as a “*Research & Clinical Fellow / Junior Faculty*” in the IHPBA-accredited Hepato-Pancreatico-Biliary Surgery fellowship program of the Section of HPB Surgery, Division of GI & Minimally Invasive Surgery, Department of Surgery.

Oct '07 – Nov '07: Worked as an “*Observer*” in the Section of HPB Surgery, Department of Surgery at the above institute.

July '07 – Sept '07: While awaiting visa processing prior to joining the HPB Surgery fellowship program of Carolinas Medical Center at Charlotte NC, I have studied and prepared for American Board of Surgery certifying examination (Oral) scheduled in 2008 session.

July '06 – June '07: **The Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, PA.**

Worked as a “*PGY-7 Clinical Fellow*” in the ASTS-accredited Abdominal Multi-Organ Transplantation Surgery fellowship program. Located in one of the topmost hospitals of the nation, this pioneering program encompasses the entire gamut of modern adult and pediatric abdominal organ transplantation with high-volume hands-on surgical training and experience in innovative treatment protocols and comprehensive management of transplant

- patients. This PGY-7 year involved the following rotations: 3 months on adult kidney & pancreas service, 2 months on hepato-biliary oncology, and 7-months on adult liver services including Transplant ICU and liver-candidates.
- July '05 – June '06: **The Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, PA.**
Worked as a “*PGY-6 Clinical Fellow*” in the above Transplantation Surgery fellowship program. This year involved extensive training during the following rotations: 3 months each in adult liver, adult kidney & pancreas, pediatric liver, kidney & small bowel, and adult small bowel & multi-visceral transplant services.
- July '04 – June '05: **Mercy Catholic Medical Center, Darby, PA.**
Worked as a “*PGY-5 Chief Resident*” in the ACGME-accredited General Surgery residency program at the busiest teaching institute in the Delaware County region of PA State. More than 7400 operations are performed every year at the two hospitals in the program, Mercy Fitzgerald Hospital and Mercy Hospital of Philadelphia. The PGY-5 year involved substantial operative experience in the specialties of General Surgery, Trauma & Surgical Critical Care, Thoracic Surgery and Vascular Surgery.
- July '03 – June '04: Worked as a “*PGY-4 Categorical Resident*” in the above program. This year involved substantial training experience in the specialties of General Surgery, Trauma & Surgical Critical Care (rotated at the Hospital of University of Pennsylvania, Philadelphia), Thoracic Surgery and Vascular Surgery.
- July '02 – June '03: Worked as “*PGY-3 Categorical Surgical Resident*” in the above program. This year involved extensive training in the fields of General Surgery, Thoracic Surgery, Vascular Surgery, Abdominal Multi-organ Transplantation Surgery (rotated at the Thomas Jefferson Hospital, Philadelphia), Cardiovascular Surgery, and surgical research (in the Division of Trauma Surgery, Hospital of University of Pennsylvania, Philadelphia).
- Sept '01 – June '02: Worked as “*PGY-2 Categorical Surgical Resident*” in the above program. This year involved substantial training in the areas of General Surgery, Thoracic Surgery, Vascular Surgery, Pediatric Surgery (rotated at the Children’s Hospital of Philadelphia) and Surgical Critical Care.
- August 2001: Worked as an “*Observer*” in the Department of Surgery at the above institute.
- Aug 2000 – July '01: **Christiana Hospital, Christiana Care Health Services, Newark, DE.**
Worked as “*PGY-1 Preliminary Resident*” in the ACGME-accredited General Surgery residency program at one of the top teaching institutes of the mid-atlantic region. The hospital has total bed strength of over 1100, with more than 42100 surgical procedures a year. It also has a Level-1 Trauma center. This year of training involved extensive experience in the specialties of General Surgery, Thoracic Surgery, Vascular Surgery, and Trauma & Surgical Critical Care.
- July 2000: Worked as an “*Observer*” in the Department of Surgery at the above institute.
- May '99 – June 2000: **M.N.J. Institute of Oncology & Regional Cancer Center, Hyderabad, AP, India.**
Worked as “*Assistant Professor*” in the Department of Surgical Oncology, with emphasis on independent consultant level responsibility in the screening, diagnosis, comprehensive surgical management and follow-up of patients with various malignancies applying the principles of multi-modality approach in active collaboration with radiation and medical oncologists. I also enjoyed the active academic role of teaching surgical residents, medical and nursing students the principles of surgical oncology. The institute is one of the 12

National Cancer Control Program (NCCP)-accredited Regional Cancer Centers in the country, with a total bed –strength of over 250, and more than 1000 major oncologic operations are performed each year.

- Dec '97 – May '99: **Nizam's Institute of Medical Sciences, Hyderabad, AP, India.**
Worked as "*Assistant Professor*" on deputation from the State Government, in the Department of Surgical Oncology. I took active role in establishing the new department in this premier academic and tertiary care center, with emphasis on multi-modality approach for care of cancer patients. I also took active part in the teaching of surgical residents and nursing students the principles of surgical oncology.
- Dec '94 – Nov '97: **M.N.J. Institute of Oncology & Regional Cancer Center, Hyderabad, AP, India.**
Worked as "Assistant Professor" in the Department of Surgical Oncology. The emphasis of the independent job was on the screening, diagnosis, comprehensive surgical management and follow-up of patients with various malignancies applying the principles of multi-modality approach in active collaboration with radiation and medical oncologists. I also enjoyed the active academic role of teaching surgical residents, medical and nursing students the principles of surgical oncology.
- Sept '94 – Nov '94: **Post-partum Unit, Government Community Hospital, Jogipet, Medak district, AP, India.**
Worked as "*Civil Assistant Surgeon*" in a rural hospital with emphasis on maternal & child health, immunization, patient education, preventive medicine, family practice and birth control operations.
- March '94 – Aug '94: **Post-partum Unit, Government Hospital, Nirmal, Adilabad district, AP, India.**
Worked as "*Civil Assistant Surgeon*" in a rural hospital with emphasis on maternal & child health, immunization, patient education, preventive medicine, family practice and birth control operations.
- March '92-Feb'94: **Cancer Institute (WIA), Chennai, TN, India.**
Worked as "*Clinical Fellow*" in the Medical Council of India (MCI)-accredited Surgical Oncology fellowship program at the Dr Muthulakshmi College of Oncological Sciences, Chennai. The higher surgical training involved extensive experience in the screening, diagnosis, comprehensive surgical management, and follow-up of complex oncologic problems in patients attending this NCCP-accredited 450-bed major comprehensive Regional Cancer Center in south India.
- Sept'91-Feb'92: **Aditya Hospital, Hyderabad, AP, India.**
Worked as a "*Surgical Registrar*" in the Department of General Surgery under the direct supervision of various private surgical Attendings, and the experience involved both elective and emergency surgical management, and follow-up of patients attending the surgical clinics at a 50-bed community hospital.
- Sept'88-Aug'91: **Osmania General Hospital & affiliated teaching hospitals, Hyderabad, AP, India.**
Worked as a "*Surgical Resident*" in the MCI-accredited General Surgery post-graduate residency program. The surgical training involved substantial experience in the diagnosis, comprehensive elective as well as emergency surgical management, and follow-up of patients attending this 1200-bed eminent teaching hospital and tertiary care academic medical center in the State of Andhra Pradesh.

- March '88-Aug '88: **Aditya Hospital, Hyderabad, AP, India.**
Worked as a "*Medical Officer*" under the direct supervision of various private medical and surgical Attendings, and the experience involved both elective and emergency management and follow-up of patients attending the outpatient clinics at a 50-bed community hospital, with emphasis on maternal & child health, immunization, patient education, preventive medicine, family practice and birth control operations.
- Feb '87-Feb '88: **Osmania General Hospital & affiliated teaching hospitals, Hyderabad, AP, India.**
Worked as an "*Intern*" during one-year rotatory pre-registration internship in various departments of this MCI-accredited 1200-bed major teaching hospital and tertiary care center, and affiliated teaching hospitals and rural health center in the State of AP.
- Dec '86-Feb '87: Studied for and passed final MBBS degree examination conducted by Osmania University, Hyderabad, AP, India.

TRAINING:

- Nov '07 – Present: **Carolinas Medical Center, Charlotte, NC.**
Currently training as a "*Research & Clinical Fellow*" in the IHPBA-accredited 2-year Hepato-Pancreatico-Biliary Surgery fellowship program.
- July '05 – June '07: **The Thomas E. Starzl Transplantation Institute, University of Pittsburgh Medical Center, Pittsburgh, PA.**
Trained as a "*Clinical Fellow*" in the ASTS-accredited 2-year Abdominal Multi-Organ Transplantation Surgery fellowship program.
- Sept '01 – June '05: **Mercy Catholic Medical Center, Darby, PA, USA.**
Trained as a "*Categorical Resident*" in the ACGME-accredited General Surgery residency program.
- Aug 2000-July '01: **Christiana Care Health Services, Newark, DE, USA.**
Trained as a "*PGY-1 Preliminary Resident*" in the ACGME-accredited General Surgery residency program.
- March '92–Feb '94: **Cancer Institute (WIA), Dr. Muthulakshmi College of Oncological Sciences, Chennai, TN, India.**
Underwent "*Clinical Fellowship*" training in the MCI-accredited Surgical Oncology fellowship program.
- Sept '88-Aug '91: **Osmania General Hospital & affiliated teaching hospitals, Osmania Medical College, Hyderabad, AP, India.**
Trained as a "*Resident*" in the MCI-accredited General Surgery post-graduate residency program.
- Feb '87-Feb '88: **Osmania General Hospital & affiliated teaching hospitals, Osmania Medical College, Hyderabad, AP, India.**
Trained as an "*Intern*" during one-year MCI-accredited rotatory pre-registration internship in various specialties.

EDUCATION:

- Sept 2004: Recertified in the **Advanced Trauma Life Support (ATLS) course** at the Cooper University Hospital, Camden, NJ, USA.
- July 2004: Recertified in the **Advanced Cardiac Life Support (ACLS) course** at the Mercy Fitzgerald Hospital, Darby, PA, USA.
- Sept 2002: Recertified in the **Advanced Cardiac Life Support (ACLS) course** at the Mercy Fitzgerald Hospital, Darby, PA, USA.
- Oct 2000: Qualified in the **Advanced Cardiac Life Support (ACLS) course** at the Christiana Care Health Services, Newark, DE, USA.

- Sept 2000: Qualified in the **Advanced Trauma Life Support (ATLS) course** at the Christiana Care Health Services, Newark, DE, USA.
- July 2000: Qualified in the **Basic Life Support (BLS) course** at the Christiana Care Health Services, Newark, DE, USA.
- March '92-Feb '94: **Master of Chirurgy (M.Ch.)** degree in Surgical Oncology at Cancer Institute (WIA) under Dr. Muthulakshmi College of Oncological Sciences, Chennai, accredited by the Tamil Nadu Dr MGR Medical University, TN, India.
- November 1991: **Diplomate of National Board of Examinations (D.N.B.)** degree in General Surgery, accredited by the National Board of Examinations, New Delhi, India.
- Sept '88-Aug '91: **Master of Surgery (M.S.)** degree in General Surgery at Osmania Medical College, Hyderabad, accredited by the AP University of Health Sciences, AP, India.
- Oct '81-Dec '86: **Bachelor of Medicine & Bachelor of Surgery (M.B.,B.S.)** degree at Osmania Medical College, Hyderabad, accredited by the Osmania University, AP, India.
- July '79-April '81: **Intermediate Junior College course** at Nrupatunga Junior College, Hyderabad, accredited by the Board of Intermediate Education, AP, India.
- July '78-March '79: **Secondary School Certificate (S.S.C.) course** at Keshav Memorial Boys' High School, Hyderabad, accredited by the Board of Secondary Education, AP, India.

LICENSURE / CERTIFICATION:

- Nov '07 – Present: **North Carolina Medical Board:** Active Unrestricted License (No: 2007-01828).
- Sept '01 – Present: **Pennsylvania State Medical Board:** Active Unrestricted License (No: MD 433103).
- May 2008: **American Board of Surgery Certifying Examination:** *Passed (Board-Certified)*. Applicant No.: 062850.
- August 2006: **American Board of Surgery Qualifying Examination:** *Passed (Board-Qualified)*. Applicant No.: 062850.
- January 2005: **ABSITE (American Board of Surgery In-Training / Surgical Basic Science Examination):** *Passed*.
- January 2004: **ABSITE (American Board of Surgery In-Training / Surgical Basic Science Examination):** *Passed*.
- January 2003: **ABSITE (American Board of Surgery In-Training / Surgical Basic Science Examination):** *Passed*.
- November 2002: **USMLE-Step 3 Examination:** *Passed. Score: 190 (78)*.
- January 2002: **ABSITE (American Board of Surgery In-Training / Surgical Basic Science Examination):** *Passed*.
- January 2001: **ABSITE (American Board of Surgery In-Training / Surgical Basic Science Examination):** *Passed*.
- December 2000: **ECFMG Certificate No.: 0-586-705-6:** *permanently validated*.
- May 2000: **TOEFL – English Language Test:** *Passed. Score: Total 623; 5.0 in TWE*.
- August 1998: **ECFMG Standard Certificate:** *obtained*.
- June 1998: **USMLE-Step 1 Examination:** *Passed. Score: 209 (84)*.
- March 1998: **USMLE-Step 2 Examination:** *Passed. Score: 182 (77)*.
- March 1998: **USMLE – English Language Test:** *Passed*.
- February 1988: **Permanent Medical License – Registration No. 12235:** Issued by the Andhra Pradesh Medical Council, India.

AWARDS & HONORS:

- Recognized as the **“Best Chief surgical resident”** at the Mercy Catholic Medical Center, Darby, PA for the year 2004-2005.

- Awarded the ***“Star for the Best Junior surgical resident”*** at the Mercy Catholic Medical Center, Darby, PA for the year 2001 to 2002.
- Passed with ***top honors in the final M. Ch. (Surgical Oncology) Degree examination*** conducted by the Tamil Nadu Dr MGR Medical University, Chennai, India in September 1994.
- Recognized as the ***“Best Junior Fellow”*** in Surgical Oncology for the year 1992-1993 at the Cancer Institute (WIA), Chennai, India.
- I was the only Fellow from Cancer Institute (WIA), Chennai, India to have been awarded the ***“D.G.H.S. (Director General of Health Services) Scholarship”*** by the Government of India for students enrolled in post-doctoral medical courses, towards M. Ch. (Surgical Oncology) degree course for the period 1992 to 1994.
- Scored the ***first rank in the nation-wide entrance test for admission in to M Ch (Surgical Oncology)*** super-specialty degree course for the year 1992 at the Cancer Institute (WIA), Chennai, TN India.
- Scored the first rank in the zone and received ***“Distinction & Gold Medal”*** in M.S. (General Surgery) Degree Examination conducted by the AP State University of Health Sciences for the year 1991.
- Stood ***first in the “Diplomate of National Board” final examination in General Surgery*** for the year 1991 in the south zone, India.
- Awarded the ***“Best Surgical Post-graduate student”*** for the year 1990-1991 at the Osmania General Hospital, Hyderabad, AP, India.
- Recognized as the ***“Best Post-graduate Teacher”*** by the medical students of Osmania Medical College, Hyderabad, AP, India for the years 1989, 1990 and 1991.
- Scored the ***top honors in Biochemistry*** for the year 1982 and in ***General Surgery*** for the year 1986 in the MBBS class at Osmania Medical College, Hyderabad, AP India.
- Awarded the ***“Second Prize”*** in the ***state-wide inter-collegiate Medical Quiz competition*** for the year 1990 held in Hyderabad, Andhra Pradesh, India.
- Awarded the ***“Third Prize for Best Performance in Acting”*** for one act stage-plays for the year 1985-86 in Osmania Medical College, Hyderabad, AP India.
- Recognized as the ***“Best Medical Student Volunteer”*** for the 39th Annual meeting ***“APICON-84”*** of the Association of Physicians of India held at Osmania Medical College, Hyderabad, AP India in January 1984.
- Scored ***69th rank out of 50,000 applicants*** for the state-wide medical school admission test (EAMCET) conducted in AP state for the year 1981.
- Successfully remained in the ***top five percentile*** for academic and scholastic performances in High school, Junior college, Undergraduate, Graduate residency and Post-graduate Fellowship medical education throughout.
- The only student from the Keshav Memorial High School, Hyderabad, India to be selected and awarded the ***“Merit Scholarship”*** after outstanding performance in the National Talent Search Scheme test for 10th grade conducted by the National Council of Education Research & Training (NCERT) of the Government of India for the year 1979.
- Scored the first rank in school and the ***“Best Outgoing Student”*** prize in ***10th grade finals*** (SSC Public Examination) for the year 1979 in Keshav Memorial High School, Hyderabad India.

MEMBERSHIP IN PROFESSIONAL SOCIETIES:

- Active Candidate Member of the **American Hepato-Pancreato-Biliary Association**
- Active Candidate Member of the **American Society of Transplant Surgeons.**
- Active Member of the **International Liver Transplantation Society.**
- Active Resident/Fellow Member of the **American College of Surgeons.**
- Active Member of the **American Medical Association.**
- Member of the **Association of Surgeons of India.**

- Member of the **Indian Society of Oncology.**
- Member of the **Indian Cancer Society.**
- Member of the **Indian Medical Association.**
- Member of the **Lions Club International.**

RESEARCH – GRANTS (APPROVED / SUBMITTED):

1. Farah K Bahrani-Mougeot PhD, **Srikanth Padma MD** and Herbert L Bonkovsky MD. *Determination of microbial etiology of Spontaneous Bacterial Peritonitis; A molecular approach.* (Accepted for AGA Pilot Research Award 2008).
2. **Srikanth Padma MD**, K Christian Walters MD, Jessica J Heath BS, David A Iannitti MD. *Comparison of Systemic responses of Radiofrequency ablation, Cryotherapy, and Microwave ablation in a Porcine liver model.* (Submitted on 12/7/2007 to SAGES 2008 Research grant).
3. **Srikanth Padma MD**, Iain H McKillop PhD and David A Iannitti MD. *Targeting membrane Aquaporins to reduce the rate of Hepatocellular carcinoma progression.* (Submitted to AAS 2008 Resident Research Award).
4. **Srikanth Padma MD**, Iain H McKillop PhD and David A Iannitti MD. *Targeting Aquaporins to reduce the rate of Hepatocellular carcinoma progression.* (Submitted on 9/30/2007 for AHPBA 2007 Fellowship in Oncology grant: declined).

RESEARCH – LAB PROJECTS (ACTIVE / COMPLETED):

1. **Srikanth Padma MD**, Jessica J Heath BS, H James Norton PhD, Amy E Lincourt PhD and David A Iannitti MD. *Ex vivo evaluation and Comparative simulated use testing of BSD MTX-100 system vs. Valleylab Vivant Microwave ablation system in Bovine liver, Bovine kidney and Turkey breast muscle.* (Completed from 12/12/2007 to 2/1/2008).
2. **Srikanth Padma MD**, K Christian Walters MD, Jessica J Heath BS, Mozella L Moore BS, H James Norton PhD, Amy E Lincourt PhD, B Todd Heniford MD and David A Iannitti MD. *Evaluation of Risk factors for Skin burns with Percutaneous multi-applicator Microwave ablation of Liver in a Porcine model.* (Completed from 12/18/2007 to 12/20/2007).
3. **Srikanth Padma MD**, Jennifer E Keller MD, Jessica J Heath BS, Mozella L Moore BS, Perla B Nunes BS, Iain H McKillop PhD and David A Iannitti MD. *Comparison of systemic responses after Cryotherapy, Radiofrequency ablation and Microwave ablation of Liver in a Porcine model.* (Active lab project – started on 1/23/2008).
4. Charles J Dolce MD, K Christian Walters MD, **Srikanth Padma MD**, Jennifer E Keller MD, Jessica J Heath BS, Mozella L Moore BS and David A Iannitti MD. *Comparative Evaluation of Novel Vessel sealing devices (SurgRx, LigaSure Advance and LigaSure V) in a Porcine model.* (Active lab project – started on 3/4/2008).
5. **Srikanth Padma MD**, Jessica J Heath BS, John B Martinie MD and David A Iannitti MD. *Evaluation of a Novel Intra-operative Ultrasound and Navigation device (InnerOptic) for (i) Laparoscopic cholecystectomy and Laparoscopic Radio-frequency ablation of Liver in a Porcine model, and for (ii) Ex vivo Radio-frequency ablation of Bovine liver.* (Completed from 3/11/2008 to 5/14/2008).
6. **Srikanth Padma MD**, Jessica J Heath BS, Mozella L Moore BS, H James Norton PhD and David A Iannitti MD. *Liver resection using a Novel Vessel sealing device LigaSure Advance compared to Standard pedicle ligation in a Porcine model.* (Completed from 4/15/2008 to 5/27/2008).
7. Charles J Dolce MD, **Srikanth Padma MD**, Jennifer E Keller MD, Yulia Yurko MD, Jessica J Heath BS, Mozella L Moore BS, Amy E Lincourt PhD and B Todd Heniford MD. *Comparative Evaluation including Thermal imaging of Novel Vessel-sealing devices (LigaSure V, LigaSure Advance and Harmonic Ace) in a Porcine model.* (Completed from 06/10/2008 to 07/24/2008).

RESEARCH – PAPERS / POSTERS / ABSTRACTS (PRESENTED / SUBMITTED):

1. **Srikanth Padma**, T Jagadeeshwar, S Chandrasekhar Rao and T Srinivas Murthy. *Papillary Carcinoma of Male Breast – A Case Report*. Paper presented at the Annual Conference of the AP Chapter of Association of Surgeons of India held in Hyderabad, AP, India in September 1989.
2. **Srikanth Padma**, KM Laxmana Rao, Deendayal Bung. *Chronic Duodenal ileus of Tuberculous etiology*. Paper presented at the 1st Conference of Indian Association of Surgical Gastroenterology held in Hyderabad, AP, India in August 1990.
3. **Srikanth Padma**, R Ravi Kannan, Snehalatha Manokaran, Harit Chaturvedi and S Krishnamurthi. *Neo-adjuvant RT + CT improves survival in T3, T4 and Node-positive Rectal Cancers*. Poster presented at the XVI International Cancer Congress held in New Delhi, India in October 1994.
4. R Ravi Kannan, **Srikanth Padma**, Snehalatha Manokaran, Harit Chaturvedi and S Krishnamurthi. *Laryngeal Edema – A Criterion for upstaging T1 & T2 Laryngeal Cancers*. Paper presented at the XVI International Cancer Congress of UICC held in New Delhi, India in October 1994.
5. **Srikanth Padma MD**, Angela M Mills MD and Vicente H Gracias MD. *Traumatic Brain Injuries – Effect of Hypercapnia in Trauma-bay intubated patients*. Poster presented at the Annual Scientific Assembly of the Pennsylvania Chapter of American College of Emergency Physicians held in Philadelphia, PA in April 2004.
6. **Srikanth Padma MD**, Iain H McKillop PhD, Peter M Banks MD, Mark W Russo MD, B Todd Heniford MD, Amy E Lincourt PhD, Molly Palilonis BS and David A Iannitti MD. *Altered Aquaporin-9 (AQP9) Expression and Localization in Human Hepatocellular carcinoma and Adjacent Liver*. (Paper presented at the 8th World Congress of IHPBA held in Mumbai, India from February 27-March 2, 2008).
7. William W Hope MD, Thomas M Schmelzer MD, William L Newcomb MD, **Srikanth Padma MD**, Jessica J Heath BS, Amy E Lincourt PhD, B Todd Heniford MD and David A Iannitti MD. *An Evaluation of Novel Electrosurgical Devices in Biliary Tract Surgery*. (Poster presented at the 8th World Congress of IHPBA held in Mumbai, India from February 27 - March 2, 2008).
8. **Srikanth Padma MD**, Alan M Smeltz BS, Mark W Russo MD, Molly Palilonis BS, Amy E Lincourt PhD, Peter M Banks MD, B Todd Heniford MD, Iain H McKillop PhD and David A Iannitti MD. *Altered Aquaporin 9 (AQP 9) Expression and Localization in Human Hepatocellular carcinoma and Adjacent Liver*. (Oral Poster presented at the 2008 Annual Meeting of AHPBA held in Ft Lauderdale, FL from March 27-30, 2008).
9. **Srikanth Padma MD**, William W Hope MD, Jessica J Heath BS, H James Norton PhD, Amy E Lincourt PhD and David A Iannitti MD. *Ex vivo Evaluation of Microwave Ablation system in Bovine liver, Bovine kidney and Turkey breast muscle*. (Poster [Abstract ID# 21599 – ETP125] presented at the SAGES 2008 Annual Meeting – Emerging Technologies Session held in Philadelphia, PA from April 9-12, 2008).
10. **Srikanth Padma MD**, William W Hope MD, K Christian Walters MD, Jessica J Heath BS, H James Norton PhD, Amy E Lincourt PhD and David A Iannitti MD. *Evaluation of Risk Factors for Skin Burns with Percutaneous Multi-applicator Microwave Ablation of Liver in a Porcine model*. (Poster [Abstract ID# 21650 – ETP146] presented at the SAGES 2008 Annual Meeting - Emerging Technologies Session held in Philadelphia, PA from April 9-12, 2008).
11. Alan M Smeltz BS, **Srikanth Padma MD**, Matthew a Mattocks MS, David A Iannitti MD and Iain H McKillop PhD. *Altered Aquaporin expression in Human Hepatocellular carcinoma (HCC) and Adjacent Non-tumor liver*. (Poster [P-073] presented at the ILCA 2008 Annual Conference held in Chicago, IL from September 5-7, 2008).
12. Matthew A Mattocks MS, **Srikanth Padma MD**, David A Iannitti MD and Iain H McKillop PhD. *Effect of intracellular cAMP on AQP protein expression and localization in*

Hepatocellular carcinoma cells in vitro. (Poster [Abstract ID 0135] presented at the ILCA 2008 Annual Conference held in Chicago, IL from September 5-7, 2008).

13. **Srikanth Padma MD**, Jessica J Heath BS, H James Norton PhD, John B Martinie MD, Amy E Lincourt PhD and David A Iannitti MD. *Evaluation of a Novel Electro-thermal Bipolar Vessel sealing device for Liver resection in an in vivo Porcine model.* (Poster [Abstract ID# GM 88] accepted for presentation at the Southeastern Surgical Congress to be held in Atlanta, GA from February 7-10, 2009).
14. **Srikanth Padma MD**, Michael Meadows MD, Charles A Hill MD, Stephen M Smeaton MD, David A Iannitti MD and John B Martinie MD. *Robotic-assisted laparoscopic Spleen-preserving Distal Pancreatectomy for Solid Pseudopapillary Neoplasm.* (Video Abstract [Control/Tracking # 09-AB-235-AHPBA] submitted to the AHPBA 2009 Annual Meeting to be held in Miami Beach, FL from March 12-15, 2009).
15. **Srikanth Padma MD**, Jessica J Heath BS, H James Norton PhD, Amy E Lincourt PhD and David A Iannitti MD. *Evaluation of a Novel Electro-thermal Bipolar Vessel-sealing Device for Porcine Liver resection.* (Abstract [Control/Tracking # 09-AB-305-AHPBA] submitted to the AHPBA 2009 Annual Meeting to be held in Miami Beach, FL from March 12-15, 2009).
16. John B Martinie MD, Michael Meadows MD, **Srikanth Padma MD**, Stephen M Smeaton MD and David A Iannitti MD. *Robotic-assisted Laparoscopic Enucleation of a Pancreatic Endocrine Tumor and Cholecystectomy.* (Video Abstract [Control/Tracking # 09-AB-255-AHPBA] submitted to the AHPBA 2009 Annual Meeting to be held in Miami Beach, FL from March 12-15, 2009).
17. Cathy A Drake FNP-BC, **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Microwave Antennae Ablation for Hepatic Tumors.* (Abstract [ID # 157] submitted to the AANP 2009 National Conference scheduled to be held in Nashville, TN from June 17-21, 2009).
18. **Srikanth Padma MD**, Michael Meadows MD, Charles A Hill MD, Stephen M Smeaton MD, David A Iannitti MD and John B Martinie MD. *Robotic-assisted laparoscopic Spleen-preserving Distal Pancreatectomy for Solid Pseudopapillary Neoplasm.* (Video Abstract [ID # 23214] submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).
19. John B Martinie MD, **Srikanth Padma MD**, Michael Meadows MD, Stephen M Smeaton MD and David A Iannitti MD. *Robotic-assisted Laparoscopic Enucleation of a Pancreatic Endocrine Tumor and Concomitant Cholecystectomy.* (Video Abstract [ID # 23226] submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).
20. Edward W Kubek MD, Michael C Meadows MD, Stephen M Smeaton MD, John B Martinie MD, David A Iannitti and **Srikanth Padma MD**. *Microwave Ablation with 915 MHz vs. 2.45 GHz: What is the Difference?* (Abstract submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).
21. Stephen M Smeaton MD, John B Martinie MD, Michael C Meadows MD, Phuong H Nguyen MD, Jessica J Heath BS, Sharif Razzaque PhD, Caroline Green, H James Norton PhD, David A Iannitti MD and **Srikanth Padma MD**. *Novel System Improves Accuracy of Needle Placement for Ablation Procedures.* (Abstract submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).
22. Stephen M Smeaton MD, **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Laparoscopic-assisted Component Separation for Hernia Repair.* (Video Abstract [ID # 23295] submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).
23. Stephen M Smeaton MD, **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Laparoscopic Liver Resection in a Normal-sized Patient.* (Video Abstract [ID # 23299] submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).

24. Stephen M Smeaton MD, **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Hand-assisted Laparoscopic Liver Resection*. (Video Abstract [ID # 23315] submitted to the SAGES 2009 Annual Meeting to be held in Phoenix, AZ from April 22-25, 2009).

RESEARCH – MANUSCRIPTS / PUBLICATIONS:

1. KM Laxmana Rao, Deendayal Bung and **Srikanth Padma**. *Chronic Duodenal obstruction of Tuberculous etiology – A Report of three patients*. *Asian Journal of Surgery* 1991; 14(3):144-146.
2. **Srikanth Padma**. *Blunt Abdominal Trauma – A Clinical Study*. *Dissertation* accepted by the AP University of Health Sciences, AP, India for M.S. (General Surgery) Degree Examination held in October 1991.
3. **Srikanth Padma**. *A Retrospective and Prospective preliminary study of the contribution of Radiotherapy and cytotoxic Chemotherapy to the short term responses and projected long term survivals in Carcinoma of Rectum*. *Dissertation* accepted by the Tamil Nadu Dr MGR Medical University, TN, India for M.Ch. (Surgical Oncology) Degree Examination held in September 1994.
4. **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Liver Ablation Technologies: An Overview*. (Published in *J Interven Oncol* 2008(1):43-52; DOI: 10.2310/6650.2008.00006).
5. **Srikanth Padma MD**, Alan M Smeltz BS, Peter M Banks MD, David A Iannitti MD and Iain H McKillop PhD. *Altered AQP 9 expression and localization in Human Hepatocellular carcinoma*. (Manuscript [ID HPB-2008-0143] accepted for publication in *HPB*, the official journal of the IHPBA).
6. **Srikanth Padma MD**, Jessica J Heath BS, K Christian Walters MD, H James Norton PhD, Amy E Lincourt PhD, B Todd Heniford MD, John B Martinie MD and David A Iannitti MD. *Evaluation of Risk Factors for Skin Burns with Transcutaneous Triple-antenna Microwave Ablation of Liver in a Porcine model*. (AAS manuscript [# JSR-D-08-00208] for Academic Surgical Congress 2008 – submitted to *J Surg Research*).
7. William W Hope MD, **Srikanth Padma MD**, William L Newcomb MD, Thomas M Schmelzer MD, Jessica J Heath BS, Amy E Lincourt PhD, B Todd Heniford MD, John B Martinie MD and David A Iannitti MD. *An Evaluation of Electrosurgical vessel-sealing devices for Bile ducts in a Porcine model*. (Manuscript submitted to *HPB*, the official journal of the IHPBA).
8. **Srikanth Padma MD**, Jessica J Heath BS, Mozella L Moore BS, H James Norton PhD, Amy E Lincourt PhD, John B Martinie MD and David A Iannitti MD. *Evaluation of a Novel Electro-thermal Bipolar Vessel sealing device for Liver resection in an in vivo Porcine model*. (Manuscript submitted to *Surgical Endoscopy*).
9. **Srikanth Padma MD**, Jason M Arru MD, Jessica J Heath BS, H James Norton PhD, Amy E Lincourt PhD, John B Martinie MD and David A Iannitti MD. *Ex vivo Evaluation of a Synchronized Pulse-output Microwave Ablation system in Soft Tissues*. (Manuscript submitted to *Surgical Innovation*).
10. **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Liver Tumor Ablation: Percutaneous and Open Approaches*. (Under preparation – target journal: *Semin Surg Oncology*).
11. **Srikanth Padma MD**, John B Martinie MD and David A Iannitti MD. *Microwave Ablation of Liver: Principles of Physics*. (Under preparation – target journal: *J Surg Research*).
12. **Srikanth Padma MD**, Alan M Smeltz BS, Matthew A Mattocks MS, David A Iannitti MD and Iain H McKillop PhD. *Targeting Aquaporins to reduce the progression of Hepatocellular carcinoma*. (Under preparation – target journal: *J Gastrointestinal Surg*).

SUBJECTS OF SPECIAL INTEREST:

Hepato-Pancreatico-Biliary Surgery, Laparoscopic & Gastro-Intestinal Oncologic Surgery,

Adult & Pediatric Abdominal Transplant Surgery (liver, kidney, pancreas and small bowel),
and Vascular access.

VOLUNTEER WORK:

March'94-May'00: (1). Actively participated in the annual "*Pulse Polio Immunization Program*" in various parts of the State of AP, India under the Ministry of Health & Family welfare, Government of Andhra Pradesh during 1995 – 1999.
(2). Actively participated in numerous "*Cancer screening camps*" conducted in the State of AP, India under various voluntary organizations e.g., Laxmi Memorial Cancer Research Foundation, Lions Club International etc during 1987 – 2000.

REFERENCES: Available on request.

Dated: 10/06/2008

Srikanth Padma, MD