

# Curriculum Vitae Europass



## Personal Information

First name / Surname **Di Buono / Giuseppe**

Nationality Italian

**Professional field** General and Emergency Surgery, Laparoscopic Surgery

## Work Experience

Date from December 2020

Research Fellow

Department of Surgical, Oncological and Stomatological Disciplines

University of Palermo

Date Form November 2017 to December 2020

Clinical Assistant in General and Emergency Surgery

University Hospital Policlinico "P. Giaccone" – Department of General and Emergency Surgery (Chief: Prof. G. Gulotta)

Date 2011 – 2017

Training in General Surgery

University Hospital Policlinico "P. Giaccone" – Department of General and Emergency Surgery (Chief: Prof. G. Gulotta)

Date 2017 July – October

Clinical Assistant

Nuova Casa di Cure Demma – Viale Regina Margherita, Palermo

## Education and Training

- Date 2018 February  
BLS-D Course  
Italian Resuscitation Council (IRC)
- Date 2017 November to December 2020  
PhD Course "Oncological and Experimental Surgery" cycle XXXIII  
Research Project: "Use of synthetic scaffold in regenerative surgery for treatment of abdominal wall hernia: experimental porcine model"  
Department of Surgical, Oncological and Stomatological Disciplines  
University of Palermo
- Date 05/07/2017  
University of Palermo – School of General Surgery - grade 50/50 cum Laude  
Thesis title: "3D Laparoscopic Surgery: prospective clinical trial" linked to publication: Agrusa A, Di Buono G, Buscemi S, Cucinella G, Romano G, Gulotta G. 3D laparoscopic surgery: a prospective clinical trial. *Oncotarget*. 2018 Apr 3;9(25):17325-17333. doi: 10.18632/oncotarget.24669. eCollection 2018 Apr 3
- Date 2017 February  
National School of Advanced Laparoscopic Surgery – Chief: Prof. F. Corcione - Naples  
Italian Society of Surgery
- Date 2011  
Experimental surgery on porcine model for the study of inguinal and abdominal wall hernia with implantation of a new prosthesis and with publications on international journals.  
Experimental Zooprophyllactic Institute of Sicily "A. Mirri" - Palermo
- Date 27/10/2010  
University of Palermo – School of Medicine - grade 110/110 cum Laude  
Thesis title: "Laparoscopic approach in abdominal surgical emergencies: our experience" linked to publication: Agrusa A, Romano G, Di Buono G, Dafnomili A, Gulotta G: Laparoscopic approach in abdominal emergencies: a 5-year experience at a single center. *G Chir*. 2012 Nov-Dec;33(11-12):400-3.

## Personal Skills

Mother tongue **Italian**

Other language **English**

Understanding		Speaking		Writing
Listening	Reading	Spoken interaction	Spoken production	
Very good	Very good	Very good	Very good	Excellent

Communication skills Ability to manage relations with colleagues in the workplace and in stressful situations thanks to the experience gained during the training period.

Managerial skills

Active collaboration with the Scientific Secretariat for the realization of numerous regional and national scientific congress and events. He participated in organizing Live Surgery sessions.

## Job related skills

He performed as first and second operator **over 2200 surgical operation** of small, medium and high surgery in elective and emergency setting. He had special attention to the field of Mini-Invasive and Laparoscopic Surgery by participating in interventions for the treatment of esophagus-gastric joint diseases (esophageal achalasia and gastro-esophageal reflux disease), benign and malignant esophageal and gastric diseases, benign and malignant adrenal diseases, renal and splenic pathology; gallbladder, bile ducts, pancreas, liver and colo-rectal diseases; hernia pathology; laparoscopic and open treatment of gynaecological and pelvic disorders.

### **Live Surgery Sessions:**

National Congress of the Italian Society of Gastrointestinal diseases (SIPAD) – Palermo, 4 – 7 December 2013

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with intraoperative esophageal manometry
2. Laparoscopic Nissen-Rossetti fundoplicatio for treatment of gastroesophageal reflux disease.

Course for medicine students of the University of Palermo:

1. Right laparoscopic adrenalectomy with 3D laparoscopic vision system for large adrenal tumor
2. Laparoscopic Experimental Surgery on the porcine model

Meeting on Use of Biomaterials in Surgery – Palermo, 30-31 March 2017:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system and intraoperative High Resolution manometry.
2. Laparoscopic Nissen-Rossetti fundoplicatio for treatment of gastroesophageal reflux disease with 3D laparoscopic vision system
3. Left laparoscopic adrenalectomy with 3D laparoscopic vision system for large adrenal tumor

28° National Congress of Gastrointestinal Surgery – Rome, 23 – 24 November 2017:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system, intraoperative High Resolution manometry and Percuvance® instruments.
2. Laparoscopic Nissen-Rossetti fundoplicatio for treatment of gastroesophageal reflux disease with 3D laparoscopic vision system and Percuvance® instruments
3. Right laparoscopic adrenalectomy with 3D laparoscopic vision system

29° National Congress of Gastrointestinal Surgery – Rome, 29 - 30 November 2018:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system and intraoperative High Resolution manometry
2. Laparoscopic Nissen-Rossetti fundoplicatio for treatment of gastroesophageal reflux disease with 3D laparoscopic vision system.
3. Left laparoscopic adrenalectomy with 3D laparoscopic vision system for large adrenal mass

Meeting on Diseases of Gastro-esophageal junction – Palermo, 7 – 8 March 2019

1. Laparoscopic right hemicolectomy with Complete Mesocolon Excision (CME) and intra-corporeal anastomosis for locally advanced colon cancer
2. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with intraoperative High Resolution manometry

Meeting on Use of Biomaterials in abdominal anastomosis and Surgery – Palermo, 22 March 2019:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system and intraoperative High Resolution manometry.
2. Laparoscopic splenectomy for splenic hydatid cyst with 3D laparoscopic vision system
3. Left laparoscopic adrenalectomy with 3D laparoscopic vision system for large adrenal tumor

30° National Congress of Gastrointestinal Surgery – Rome, 28 – 29 November 2019:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system and intraoperative High Resolution manometry
2. Left laparoscopic adrenalectomy with 3D laparoscopic vision system for large adrenal mass
3. Laparoscopic right colectomy with CME and intra-corporeal anastomosis

31° National Congress of Gastrointestinal Surgery – Rome, 19 – 20 November 2020:

1. Laparoscopic Heller-Dor esophageal myotomy and anti-reflux procedure for achalasia with 3D laparoscopic vision system and intraoperative High Resolution manometry
2. Laparoscopic right colectomy with CME and intra-corporeal anastomosis

Digital skills	Ability to use the various applications of the Office package, in particular Word, Excel, Power Point and video editing systems such as Movie Maker with benefits in clinical work, for research and organizational purposes.
Scientific skills	<p>Author of numerous scientific publications with particular reference to laparoscopic and robotic surgery, emergency surgery, hernia and gynecological pathology</p> <p><b>number of articles: 56</b></p> <p><b>number of citations: 602</b></p> <p><b>H-index: 18</b></p>
Speaker for National and International Conferences	<p><b>Guest Editor</b> for International Journal of Surgery Case Reports</p> <p>Invited Reviewer for: BMC Surgery, International Journal of Surgery; International Journal of Surgery Case Report; World Journal of Surgical Oncology; Clinical Case Reports; Surgical Oncology &amp; Clinical Practice Journal; Clinical Medical Reviews and Case reports; International Journal of Transplantation Research and Medicine; Annals of Clinical Case Reports; Journal of Clinical Anesthesia and Management; JSM Thyroid Disorders and Management.</p> <p>His comments have always been carried out respecting the assigned dates and in most cases they have been overlapped with those of the editor, favoring the realization of a quick and adequate editorial work</p> <ul style="list-style-type: none"> <li>- 38° National Congress of the Italian Society of Trauma and Emergency Surgery (SICUT) – Palermo, 2011</li> <li>- 39° National Congress of the Italian Society of Trauma and Emergency Surgery (SICUT) – Rome, 2011</li> <li>- 1° National Congress of the Societes of Surgery – Rome, 2012</li> <li>- 32° National Congress of the Italian Association of Surgeons (ACOI) - Florence, 2013</li> <li>- International Gastric Cancer Congress (IGCC) – Verona, 2013</li> <li>- 30° National Congress of the Italian Society of Endocrine Surgeons (SIEC) – Turin, 2013</li> <li>- 54° Congress of the Sicilian Society of Surgery (SSC) – Catania, 2013</li> <li>- National Congress of the Italian Society of Gastrointestinal diseases (SIPAD) – Palermo, 2013</li> <li>- 24° National Congress of Gastrointestinal Surgery – Rome, 2013</li> <li>- 115° National Congress of the Italian Society of Surgery (SIC) – Turin, 2013</li> <li>- Spring meeting of the Italian Society of Endocrine Surgeons (SIEC):Therapeutic strategies in endocrine surgery – Naples, 2014</li> <li>- 25° National Congress of Gastrointestinal Surgery – Rome, 2014</li> <li>- 116° National Congress of the Italian Society of Surgery (SIC) – Rome, 2014</li> <li>- 26° National Congress of Gastrointestinal Surgery – Rome, 2015</li> <li>- National Workshop "Pancreatic tumors: new therapeutic horizons" – Naples, 2015</li> <li>- 13° National Congress of the Italian Society of University Surgeons (SICU) - Palermo, 2015</li> <li>- 26° National Congress of the Italian Society of Surgical Pathophysiology (SIFIPAC) - Palermo, 2015</li> <li>- 55° Congress of the Sicilian Society of Surgery (SSC) – Messina, 2015</li> <li>- 2° National Congress of the Societes of Surgery – Rome, 2016</li> <li>- Lecture for Family Doctor: Updates in management of gastro-esophageal junctions functional diseases” – Palermo, 2016</li> <li>- Annual Conference of European Society of Surgery (ESS) – Naples, 2016</li> <li>- Surgical Meeting on Use of Biomaterials in Surgery: Laparoscopic Surgery – Palermo, 2017</li> <li>- 19° National Congress of the Novel Urologic Society (SUN) – Palermo, 2017</li> <li>- 3° National Congress of the Societes of Surgery – Rome, 2018</li> <li>- Meeting on Use of Biomaterials in abdominal anastomosis and Surgery – Palermo, 22 March 2019:</li> <li>- Meeting on Diseases of Gastro-esophageal junction – Palermo, 7 – 8 March 2019</li> </ul>

Awards	<p>Award best free paper "Esophageal perforation during laparoscopic Heller myotomy for achalasia" - 39° National Congress of Italian Society for Emergency Surgery (SICUT). Rome, 01-03/12/2011.</p> <p>Award best free paper VIDEOFORUM "Right laparoscopic nephrectomy for giant renal mass" - 25° Congress of Digestive Surgery. Rome, 22-23/05/2014.</p> <p>Award best free paper VIDEOFORUM "3D laparoscopic multivisceral resection for splenic lymphoma" - 26° Congress of Digestive Surgery. Rome, 19-20/11/2015</p> <p>Second Place in the Harold Ellis Prize 2017 – International Journal of Surgery – for the paper: "Three-dimensional (3D) versus two-dimensional (2D) laparoscopic adrenalectomy: a case control study". Which was the best article published in the International Journal of Surgery in 2016, as voted for by the journal's Editorial Board</p>
Research skills	<p>Co-investigator of scientific research on a porcine model aimed to develop of a new prosthetic device in laminar polypropylene with a sprawling design for the repair of ventral hernias and incisional hernias with intraperitoneal projection in collaboration with the Department of General and Emergency Surgery of the University of Palermo, and the Experimental Zooprophyllactic Institute of Sicily "A.Mirri"</p> <p>Co-investigator of international multicentric scientific research aimed to compare the biological response in the short, medium and long term between conventional polypropylene flat prostheses and 3D polypropylene prostheses with dynamic responsiveness for the repair of inguinal hernias. The research was carried out in collaboration with the Department of General and Emergency Surgery of the University of Palermo, the Department of Pathological Anatomy and Histology of the Experimental Zooprophyllactic Institute of Sicily "A.Mirri" and the Department of General and Visceral Surgery of the Ketteler Krankenhaus Frankfurt / Offenbach - Germany.</p> <p>Co-investigator of experimental scientific research on a porcine model aimed to develop new materials and prosthetic models for the repair of hernia defects of the abdominal wall. Experimental research is carried out in collaboration with the Department of General and Emergency Surgery of the University of Palermo, the Experimental Zooprophyllactic Institute of Sicily "A.Mirri"</p> <p>Co-investigator of an Italian national research group for the study of the role of technological innovation in oncological gynecological surgery: comparison on the robotic and laparoscopic treatment of endometrial cancer.</p> <p>Co-investigator of an Italian national research group for the study of the role of technological innovation in gynecological and pelvic surgery: comparison on the robotic and laparoscopic treatment of vaginal prolapse.</p> <p>Co-investigator of an Italian national research group for the publication of an accurate meta-analysis on the role of technological innovation in endocrine surgery: comparison between laparoscopic versus robotic adrenalectomy.</p> <p>Co-investigator of an Italian national research group for the study of preoperative radiological features and intraoperative findings. The research was carried out in collaboration with the Department of General and Emergency Surgery of the University of Palermo, the University of Pavia and the University of Milan.</p> <p>Principal investigator of an Italian national research group for a prospective clinical trial about the use of 3D laparoscopic surgery.</p>