

**Igor Barjaktarević, M.D., Ph.D.**

*Curriculum vitae*

---

Date of preparation: 10/01/2017

**CONTACT INFORMATION**

Office address: Division of Pulmonary and Critical Care  
David Geffen School of Medicine, UCLA  
10833 Le Conte Avenue, 37-131 CHS; MC:169017  
Los Angeles, CA 90095-1690

Office phone: (310)825-8061, (310)794-9938  
Fax: 310-794-9718  
E-mail: [ibarjaktarevic@mednet.ucla.edu](mailto:ibarjaktarevic@mednet.ucla.edu)

**EDUCATION:**

Medical School: University of Belgrade, Serbia – 2002 (top 10% of  
Graduating class)

Master studies: *M.Sc.* in Immunology: “Inhibitory role of gamma-interferon inducible  
lyzosomal thiol reductase (GILT) in T cell activation”; Medical School at  
the University of Belgrade, Serbia and Cancer Research Institute,  
Children’s National Medical Center (George Washington University),  
Washington DC – 2008

Residency: New York University (NYU), New York, NY - Internal Medicine  
Residency Training Program, 2009

Fellowship: New York Presbyterian Hospital, Weill Cornell Medical College, New  
York, NY Pulmonary and Critical Care Fellowship, 2012

Doctoral studies: *Ph.D.* in Pulmonary Immunology: “The Role of Interleukin-23 in the  
Early Development of Emphysema in HIV1(+) Smokers”; Medical School  
at the University of Belgrade, Serbia and Weill Cornell Medical College,  
New York, US. 2016

**PROFESSIONAL EXPERIENCE:**

***Academic titles:***

Assistant Professor, Step II – Department of Pulmonary and Critical Care medicine, David Geffen School of Medicine, UCLA, 2014-present

Clinical Instructor - Department of Pulmonary and Critical Care medicine, David Geffen School of Medicine, UCLA, 2012-2014

Research Associate – Cancer Research Institute, Children’s National Medical Center, George Washington University, Washington, DC, 2004-2006

Individual consultant – UNICEF Regional Office, Belgrade, Serbia – 2003

***Administrative appointments:***

Medical Director, COPD Program at UCLA, David Geffen School of Medicine, UCLA

Director of Bedside Ultrasound - Department of Medicine, Division of Pulmonary and Critical Care medicine, David Geffen School of Medicine, UCLA

Attending physician – Department of Medicine, Division of Pulmonary and Critical Care medicine, David Geffen School of Medicine, UCLA

Associate Attending Physician – Rockefeller University, New York, NY - 2010-2012

***Clinical training:***

Interventional pulmonology elective - Memorial Sloan Kettering Cancer Center – November 2011

Endobronchial valve placement training program for bronchoscopic lung volume reduction (Spiration)

Electromagnetic Navigation Bronchoscopy Fellow Training Program, 2012

Endobronchial ultrasound (EBUS), Weill Cornell Medical College, NY, 2012

Endobronchial ultrasound (EBUS) symposium, Memorial Sloan Kettering Cancer Center, NY, 2012

Advanced Trauma Life Support training, American College of Surgeons, 2010

Annual NYP Emergency Medicine Ultrasound Course, Cornell/Columbia New York Presbyterian Hospital, 2010

Greater New York Hospital Association GNYHA/UHF Ultrasound Training Program, 2009

The National Institute of Health (NIH) Clinical Center – Introduction to the principles and practice of clinical research – October 2005 – February 2006

***Professional experience:***

American Thoracic Society: Proficiency Standards for Pulmonary Function Laboratories Committee (2016)

Faculty member, Ultrasonography: Essential in Critical Care, CHEST 2016, Los Angeles

Alpha 1 Antitrypsin Deficiency Syndrome Contact person at UCLA - Clinical Resource Center for Alpha-1 Foundation; Consultant Speaker (Grifols and CSL Behring)

Director, Second Regional South California Critical Care Ultrasound Training, UCLA, September 2016

Pulmonary lecture series, invited teacher, Asahi General Hospital, Japan, May 2016

Advisory Board on Future of COPD, Astra Zeneca, 2016-current

Co-director, First Regional South California Critical Care Ultrasound Training, USC, November 2015

American Thoracic Society: Lead Discussion Facilitator, Thematic Poster Session (Case reports: tumors), ATS 2014; Facilitator, Thematic Poster Session (Case reports: tumors), ATS 2015; Lead Discussion Facilitator, Thematic Poster Session (Thoracic Oncology), ATS 2016

American Thoracic Society: Thoracic Oncology Programming Committee, 2014-2017

Internal Medicine Grand Rounds, David Geffen School of Medicine at UCLA, September 2015: "Emerging role of Ultrasound in bedside diagnostics"

Pulmonary Grand Rounds, Harbor UCLA Medical Center, Oct 2015: "Endobronchial ultrasound: transient trend or step forward?"

Pulmonary Grand Rounds, David Geffen School of Medicine at UCLA, Dec 2015: "Endobronchial ultrasound: transient trend or step forward?"

Lead physician: Lung Nodule clinic, UCLA Westwood campus, Ronald Reagan Medical Center; 2013

Pulmonary and critical care service for Division of Liver and Pancreas Transplantation at UCLA

Faculty, Lecturer: 19<sup>th</sup> and 20<sup>th</sup> Annual UCLA Symposium: Pulmonary Function and Exercise Testing, 2013, 2014

Faculty, Instructor: 3rd Goal-Directed Therapy Symposium, Newport Beach, CA, November 2013

Ultrasound Instructor: The Implementation of a Formal Curriculum for Bedside Ultrasound at UCLA

Pulmonary and critical care division Liaison for Medical Procedure Unit, Ronald Reagan Medical Center

Faculty course lecturer: cadaver course, UCLA medical students: airway and thoracic procedures

Committee member: Critical care committee of UCLA, Medical ICU subcommittee, Quality assurance committee, Liver transplant selection committee

**Research:**

Principal Investigator: "ReTHINC - REdefining THERapy In Early COPD for the Pulmonary Trials Cooperative", NHLBI/PTC/NEMO

Co-Principal investigator: "Subpopulations and Intermediate Outcome Measures in COPD Study II (SPIROMICS II)" - NHLBI

Principal Investigator: "Prospective Study to Validate Biomarkers of Seven Proposed Phenotypes in Clinically Stable Chronic Obstructive Pulmonary Disease and Comparison with Subjects Experiencing Exacerbations; AMGEN phenotype study"

Principal investigator: "Non-Invasive Monitoring Using Carotid Corrected Doppler Flow Time to Determine Volume Responsiveness Following Initial Fluid Resuscitation Patients with Septic Shock"

Principal investigator: "A Study of the ProLung Test (Transthoracic Bioconductance Measurement) as an Adjunct to CT Scans for Risk Stratification of Patients with Suspicious Lung Lesion for Cancer."

Principal investigator: "A Phase 3/4 Study to Evaluate the Safety, Immunogenicity, and Effects on the Alpha1-Proteinase Inhibitor (A1PI) Levels in Epithelial Lining Fluid Following GLASSIA Therapy in A1PI-Deficient Subjects"

Co-Principal investigator: "Watch the Spot Trial" - lung nodule surveillance trial" - PCORI

Co-investigator: "Pivotal II Study - A Prospective, Randomized, Controlled Multicenter Clinical Study to Evaluate the Safety and Effectiveness of the IBV® Valve System for the Single-Lobe Treatment of Severe Emphysema" Spiration CPR03434

Co-investigator: "Validation of Molecular Biomarkers for the Early Detection of Lung Cancer in the Setting of Indeterminate Pulmonary Nodules"

Co-investigator: "DECAMP- Detection of Early Lung Cancer Among Military Personnel Study 1 (DECAMP-1): Diagnosis and Surveillance of Indeterminate Pulmonary Nodules "

Co-Principal investigator: "Outcomes of a Protocol for Evaluation of Shock using Bedside Ultrasound at UCLA: The RUSH Protocol

Co-investigator: "Hepatopulmonary syndrome database at UCLA: risk factors and outcomes for liver transplantation"

Principal investigator: "Recurrent pleural effusions in liver transplant patients", Liver and Pancreas Transplantation at UCLA

Principal investigator: Double-blind, Randomized, Placebo-controlled, Parallel-group, Phase IV Study to Evaluate the Effect of Acridinium Bromide on Long-term Cardiovascular Safety and COPD Exacerbations in Patients with Moderate to Very Severe COPD (ASCENT COPD) LAS-MD-45-D6560C00002

## **HONORS AND AWARDS**

2016 *Full Time Faculty Teaching Award*, elected the teacher of the year by UCLA internal medicine residents; 2014 and 2015 nominee for Teaching Faculty award by the Department of Medicine, UCLA

Chief Fellow at the Department of Pulmonary and Critical Care Medicine, New York Presbyterian Hospital, Weill Cornell Medical College, New York, 2011-2012

American Thoracic Society General travel award, 2009 International Conference, San Diego, April 2009

"*The House Staff of the Year*" award, Cabrini Medical Center, Mount Sinai School of Medicine, New York, USA - 2007

Honorary Life Membership, IFMSA Serbia – 2004

Medical School educational stipend, Ministry of Health, Republic of Serbia, 1995-1997

## **LEADERSHIP EXPERIENCE:**

Medical Director, COPD Program at UCLA, David Geffen School of Medicine, UCLA

Director of Bedside Ultrasound - Department of Medicine, Division of Pulmonary and Critical Care medicine, David Geffen School of Medicine, UCLA

Chief Fellow at the Department of Pulmonary and Critical Care Medicine, New York Presbyterian Hospital, Weill Cornell Medical College, New York, 2011-2012

Director of Standing Committee of International Federation of Medical Students' professional exchange (IFMSA-SCOPE), Ferney-Voltaire, France, 1999

Head of the Organizing Committee of the General Assembly of International Federation of Medical Students' Associations (IFMSA), Serbia, 2002

President of National member organization of International Federation of Medical Students' Associations (IFMSA- Serbia), 2000

## **LICENSURE, BOARD CERTIFICATION, MALPRACTICE**

- Board Certification:

- Board of Internal medicine (ABIM) valid through 12/31/2019
- Board of Pulmonary Medicine valid through 12/31/2021
- Board of Critical Care Medicine valid through 12/31/2022

- California, The State Education Department – licence number: a121964

- New York, The State Education Department – License number: 255 530 (not active)

- ECFMG certificate April 2006, USMLE step 3, May 2006

- NPI: 1932345105
- DEA number (institutional): AN1865243-V84
- Ministry of Education of Spain, European Union – Homologation of the MD degree, January 2004
- Ministry of Education of Serbia, Europe – State licensure, May 2003

### **PROFESSIONAL MEMBERSHIPS (medical and scientific societies)**

- European Society of Intensive Care medicine (2012, 2017)
- American Board of Internal Medicine (2009)
- American College of Chest Physicians, ACCP (2009)
- American College of Physicians, ACP (2008)
- American Thoracic Society, ATS (2009)
- American Association of Immunologist, AAI (2006)
- International Federation of Medical Students' Associations, IFMSA (1995-2001)

### **Reviewer:**

- Journal of Intensive care medicine
- Respiratory Medicine
- Case Reports in Internal Medicine (Member of the International Editorial Reviewer Board)
- Journal of Experimental & Clinical Cancer Research
- American Journal of Hospice and Palliative Care
- Pharmacology Research & Perspectives

### **LANGUAGES SPOKEN**

- Serbian (including Montenegrin, Bosnian, Croatian), native language
- Spanish – fluent
- English - fluent
- Russian – basic

### **BIBLIOGRAPHY**

#### ***1. Articles in professional peer-reviewed journals***

- “Time to correct the flow of corrected flow time”, **Barjaktarevic I**, Chiem A, Cannesson M., Crit Ultrasound J. 2017 Oct 4;9(1):18. doi: 10.1186/s13089-017-0076-x
- “Noninvasive ventilation in difficult endotracheal intubation: systematic and review analysis”, **Barjaktarevic I**, Esquinas AM, West FM, Albores J, Berlin D. Anaesthesiol Intensive Ther. 2017 Sep 18. doi: 10.5603/AIT.a2017.0044
- “Electronic Cigarette Use in US Adults at Risk for or with COPD: Analysis from Two Observational Cohorts.” Bowler RP, Hansel NN, Jacobson S, Graham Barr R, Make BJ, Han MK, O'Neal WK, Oelsner EC, Casaburi R, **Barjaktarevic I**, Cooper C, Foreman M, Wise RA, DeMeo DL, Silverman EK, Bailey W, Harrington KF, Woodruff PG, Drummond MB; for COPDGen and SPIROMICS Investigators. J Gen Intern Med. 2017 Sep 7. doi: 10.1007/s11606-017-4150-7

- "A Technique of Awake Bronchoscopic Endotracheal Intubation for Respiratory Failure in Patients With Right Heart Failure and Pulmonary Hypertension: Johannes J, Berlin DA, Patel P, Schenck EJ, West FM, Saggarr R, Barjaktarevic IZ. *Crit Care Med.* 2017 Sep;45(9):e980-e984
- "Reduced COPD exacerbation risk correlates with improved FEV<sub>1</sub>: A meta-regression analysis." Zider AD, Wang X, Buhr RG, Sirichana W, Barjaktarevic IZ, Cooper CB. *Chest.* 2017 May 5
- "Preoxygenation With High-Flow Nasal Cannula: Benefits of Its Extended Use During the Process of Intubation." Barjaktarevic I, Esquinas AM, Johannes J, Berlin DA, *Respir Care.* 2017 Mar;62(3):390
- "Bronchoscopic intubation is an effective airway strategy in critically ill patients" Ma KC, Chung A, Aronson KI, Krishnan JK, Barjaktarevic IZ, Berlin DA, Schenck EJ. *J Crit Care.* 2016 Nov 4;38:92-96
- "Indeterminate pulmonary nodules: How to minimize harm", Barjaktarevic I, Arenberg D, Grimes B, Ruchalski K, Aberle D – *Semin Respir Crit Care Med.* 2016 Oct, 37(5):689-707
- "The Role of Interleukin-23 in the Early Development of Emphysema in HIV1(+) Smokers": Barjaktarevic IZ, Crystal RG, Kaner RJ, *J Immunol Res.* 2016;2016:3463104
- "Ultrasound-Guided cannulation: Time to Bring Subclavian Central Lines Back"; Rezaayat T, Stowell J, Kendall J, Turner E, Fox JC, Barjaktarevic I – *Western Journal of Emergency Medicine* 232 Volume XVII, no. 2 : March 2016
- "Predictability of Prevention of Hypoxia by Nasal High-flow System in Dental Procedures"; Albores J, Barjaktarevic I, Berlin D, Esquinas AM - *J Oral Maxillofac Surg.* 2015 Nov 2
- "Primary salivary duct carcinoma of the lung, mucin-rich variant"; ishbein GA, Grimes BS, Xian RR, Lee JM, Barjaktarevic I, Xu H; *Hum Pathol.* 2015 Sep 25
- "A 44-Year-Old Man with Bilateral Pneumothorax"; Albores J, Abtin F, Barjaktarevic I; *Chest* 2015 Oct 1;148(4):e118-21
- "Supplemental Oxygen therapy for Patients with Chronic Obstructive Pulmonary Disease" – Barjaktarevic I, Cooper C; *Semin Respir Crit Care Med.* 2015 Aug;36(4):552-66
- "Positioning New Pharmacotherapies for COPD" –Barjaktarevic IZ, Arredondo AF, Cooper CB. *Int J Chron Obstruct Pulmon Dis.* 2015 Jul 24
- "COPD management: need for more consensus - Authors' reply. Cooper CB, Barjaktarevic I - *Lancet Respir Med.* 2015 Jul;3(7):e22-3.
- "Oxygenation during High Flow Nasal Cannula in tracheal intubation. Do we know the red desaturation line" - A. Esquinas, D. Berlin, I. Barjaktarevic – *Crit Care Med.* 2015 Jun;43(6):e215-6
- "A technique for bronchoscopic intubation during high flow nasal cannula oxygen therapy" D. Berlin, I. Singh, I. Barjaktarevic, O. Friedman – *J Intensive Care Med.* 2015 Apr 23
- "A new algorithm for the management of COPD"; Cooper C, Barjaktarevic I - *Lancet Respir Med.* 2015 Apr;3(4):266-8

- "A 65-Year-Old Man With Persistent Cough and Large Nodular Opacity", Grimes B, Albores J, Barjaktarevic I – Chest. 2015 Jan;147(1):e13-7. doi: 10.1378/chest.14-1172
- "Diffusing Capacity for Carbon Monoxide Correlates Best with Tissue Volume from Quantitative CT Analysis" Cooper C, Barjaktarevic I; Chest. 2014 Dec 11. doi: 10.1378/chest.14-1693
- "The Successful Use of Inhaled Nitric Oxide in the Management of Severe Hepatopulmonary Syndrome after Orthotopic Liver Transplantation," Santos J, Young P, Barjaktarevic I, Lazar K, Susanto I, Wang T. – Case Reports Hepatol. 2014;2014:415109
- "A 40-Year-Old Woman with Multilobar Nodular Densities and Massive Hemoptysis" Albores J, Bando J, Barjaktarevic I – Chest. 2014 Oct;146(4):e134-7. doi: 10.1378/chest.13-2927
- "Catheter-directed clot fragmentation using the Cleaner TM device in a patient presenting with massive pulmonary embolism" - Barjaktarevic I, Friedman O, Ishak C, Sista AK; Journal of Radiology Case Reports; J Radiol Case Rep. 2014 Feb 1;8(2):30-6
- Interstitial lung disease in patients with hepatopulmonary syndrome: a case series and new observations; Shahangian S, Shino MY, Barjaktarevic I, Susanto I, Belperio JA, Fishbein MC, Wang T. . Lung. 2014 Jun;192(3):421-7
- "Multiple Cardio-Pulmonary Resuscitation Attempts In A Community Hospital: How Well Do We Recognize Futility? - I. Barjaktarevic, L. Bobe, A. Klapholz, W. Dinan – Am J Hosp Palliat Care. 2014 Feb 27
- "Transition from Hepatopulmonary Syndrome to Portopulmonary Hypertension: A Case Series of 3 Patients" – Zopey R, Susanto I, Barjaktarevic I, Wang T; – Case Rep Pulmonol. 2013;2013:561870
- "Bronchoscopic intubation during continuous nasal positive pressure ventilation in the treatment of hypoxemic respiratory failure"; Igor Barjaktarevic, David Berlin; J Intensive Care Med. 2013 Nov 15
- "Organizing Pneumonia as a Side-Effect of Ipilimumab Treatment for Malignant Melanoma" - Igor Barjaktarevic, MD; Nida Qadir, MD; Anu Suri, MD; Jean Santamauro, MD; Diane Stover, MD, Chest. 2013 Mar;143(3):858-61. doi: 10.1378/chest.12-1467.
- "Altered functional balance of Gfi-1 and Gfi-1b as a cause of Reticular Dysgenesis?" – I.Barjaktarevic, J.Maletkovic, N.Kamani, S.Vukmanovic; *Medical Hypotheses*, November 5, 2009 - PMID 19896777
- "rs660 SNP in Ro52 (SSA1; TRIM21) is a marker for age-dependant tolerance induction and red blood cell allo-immunization in sickle cell disease" – Zohreh Tatari-Calderone, Caterina P. Minniti, Tonya Kratovil, Milica Stojakovic, Alison Vollmer, Igor Barjaktarevic, Ed Zhang, Albert Hoang, Naomi L.C. Luban and Stanislav Vukmanovic - Mol Immunol. 2009 Nov;47(1):64-70
- "Cutting edge: Developmental up-regulation of GILT expression leads to reduced T cell sensitivity and less severe autoimmunity" - Maja Maric, Igor Barjaktarevic, Branka Bogunovic, Milica Stojakovic, Christine Maric and Stanislav Vukmanovic – Journal of Immunology: Cutting edge; 2009 Jan 15;182(2):746-50

- "Paternal cell immunization raises autoantibodies and improves pregnancy success in mice" – Igor Barjaktarevic and Stanislav Vukmanovic, *Am J Reprod Immunol*. 2008 Dec; 60(6):497-500

- "Inhibitory role of gamma-interferon inducible lysosomal thiol reductase (GILT) in T cell activation" - Igor Barjaktarevic, Ayman Rahman, Sasa Radoja, Branka Bogunovic, Alison Vollmer, Stanislav Vukmanovic, and Maja Maric - *The Journal of Immunology*, 2006, 177: 4369-4375

## **2. Manuscripts in preparation**

- "Author's response to the letter to the editor: Bronchoscopic intubation is an effective airway strategy in critically ill patients" Ma KC, Chung A, Aronson KI, Krishnan JK, Barjaktarevic IZ, Berlin DA, Schenck EJ. *J Crit Care*. 2016 Nov 4;38:92-96

- "Medical Management of PE: Beyond anticoagulation" – Hsu N, Wang T, Friedman O, Barjaktarevic I, *Techniques in Vascular and Interventional Radiology*

- "Early Protocolized Bedside Ultrasound in Shock: Renal Function Improvements and Other Lessons Learned" - Rezayat T, Barjaktarevic I, Mecham I, Yee L, Salah R, Zhu L, Grewal K, Anderson J, Jackson N, Elashoff D, Turner E, *Journal of Intensive Care Medicine*, article in preparation

- "Critical Care Ultrasound: A National Survey Across Specialties" - Jeffrey R. Stowell, MD<sup>1</sup>, Ross Kessler, MD<sup>2</sup>, Resa E. Lewiss, MD<sup>3</sup>, Igor Barjaktarevic, MD, MSc<sup>4</sup>, Bikash Bhattarai, PhD<sup>5</sup>, Napatkamon Ayutyanont, PhD<sup>5</sup>, John L. Kendall, MD, *Journal of Ultrasound Medicine* – submitted manuscript

- "Identifying a debilitated phenotype in SPIROMCIS: A key aspect of disease progression in COPD", Cooper C, Barjaktarevic I, Martinez C, Curtis J, Bowler R, O'Neal W, Hoffman E, Carretta B, Quibrera M, Barr RG, Bleecker E, Couper D, Criner G, Dransfield M, Han M, Hansel N, Kanner R, Krishnan J, Lazarus S, Martinez F, Paine R, Woodruff P, for the SPIROMICS investigators – submitted manuscript

## **3. Book chapters**

- "Bullous Lung Disease (includes HIV-related emphysema)", Melamed K, Barjaktarevic I; *Decision Support in Medicine*, 2017

- "ATS review for the pulmonary boards"; ATS, 2014, senior faculty reviewer

- "Acute respiratory failure"; Book: "Textbook of Critical Care", VII edition; Editor Mitchel Fink, 2016

- "Noninvasive ventilation in difficult endotracheal intubation. Key technical and practical implication"; Book: "Noninvasive mechanical ventilation: theory, equipment and clinical applications". 2<sup>o</sup> Edition; Editor Antonio Esquinas, Springer, 2016

#### **4. Abstracts**

- "The Assessment of Fluid Responsiveness in Undifferentiated Shock Using Corrected Flow Time measured by Doppler ultrasound of Carotid Artery after Passive Leg Raise Maneuver"; Barjaktarevic Igor, Hu Scott, Chang Steven, Aquije Montoya Elizabeth, Buhr Russell, Toppen William, Ong Stephanie, Wang Tisha, Alan Chiem, Berlin David, Paull Peter, Maller Abigail, Rezayat Talayeh, European Society of Intensive Care Medicine (ESICM) LIVES 2017, 30th Annual Congress, Vienna, Austria

- A Novel Debility Score Predicts Future Exacerbations and Death in SPIROMICS/C.B. Cooper, I. Barjaktarevic, J. Curtis, C. Martinez, R.P. Bowler, W. O'Neal, E.A. Hoffman, E.E. Carretta, M. Qibrera, R.G. Barr, E. Bleeker, D.J. Couper, G.J. Criner, M. Dransfield, M.K. Han, N.N. Hansel, R.E. Kanner, J.A. Krishnan, S.C. Lazarus, F.J. Martinez, C. Meldrum, R. Paine, P.G. Woodruff, Los Angeles, CA, p.A2721 – ATS 2017, Washington DC

- Pleural Interventions in Post Orthotopic Liver Transplant Patients/R. Salah, K.H. Melamed, N. Cuk, D. Dai, S. Swanson, W.D. Miller, Z. Antongiorgi, A. Zarrinpar, S. Vangala, R. Follett, S. Hu, C.B. Cooper, T.S. Wang, J. Yanagawa, I. Barjaktarevic, Los Angeles, CA, p.A3549 - ATS 2017, Washington DC

- Short Term Reliability of Assessment of Symptoms in Smokers with Preserved Spirometry/S. Patel, W.H. Anderson, R.G. Barr, I. Barjaktarevic, E. Bleeker, R. Bowler, E.E. Carretta, S.A. Christenson, C.B. Cooper, A.P. Comellas, D. Couper, G.J. Criner, J. Curtis, M. Dransfield, N. Hansel, M.K. Han, E.A. Hoffman, R.E. Kanner, J.A. Krishnan, S.C. Lazarus, F.J. Martinez, R. Paine, P.G. Woodruff, San Francisco, CA, p.A3657 - ATS 2017, Washington DC

- E-cigarette Use and Lung Density on Computed Tomography. Subpopulations and Intermediate Outcome Measures in COPD Study (SPIROMICS)/E. Oelsner, E.A. Hoffman, I. Barjaktarevic, E. Bleeker, C.B. Cooper, A.P. Comellas, D. Couper, G.J. Criner, M. Dransfield, M.B. Drummond, M.K. Han, R.E. Kanner, J.A. Krishnan, F.J. Martinez, R. Paine, P.G. Woodruff, R. Bowler, N. Hansel, R.G. Barr, New York, NY, p.A7334 - ATS 2017, Washington DC

- Critical Care Ultrasound Training Standardization: Southern California Experience; Z. Anklesaria, R.Y. Cortes Lopez, C.F. Chang, P. Kory, J. Williams, I. Barjaktarevic - ATS 2017, Washington DC

- Trapped Lung and Pleural Effusion in the Post Orthotopic Liver Transplant Patient; Kathryn H. Melamed, Natasha Cuk, Ramy Salah, Sitaram Vangala, W. Dwight Miller, Sarah Swanson, David Dai, Zarah Antongiorgi, Ali Zarrinpar, Robert Follett, Scott Hu, Christopher B. Cooper, Tisha Wang, Jane Yanagawa, Igor Barjaktarevic - ATS 2017, Washington DC

- Transcutaneous Bioconductance Measurement as a Risk Stratification Biomarker for Pulmonary Lesions Suspicious for Lung Cancer. Baseline characteristics of the 200 Training set subjects of the ProLung Multicenter - PL208 Validation Study. D. Ost, I. Barjaktarevic, M. Simoff, C. Reddy, A. Goyal, S. Makani, M. Ramsey, D. Blagev, B. Murillo, M. Garff, K. Larson, J. O'Driscoll, R.C. Yung

- Baseline Characteristics of Participants in PL-208: A Multi-Center Trial of the ProLung Test™ (Transthoracic Bioconductance Measurement) as an Adjunct to CT Chest Scans for the Risk Stratification of Patients with Pulmonary Lesions Suspicious for Lung Cancer R.C. Yung<sup>1</sup>, D.

Ost<sup>2</sup>, M. Simoff<sup>3</sup>, C. Reddy<sup>4</sup>, A. Goyal<sup>5</sup>, I. Barjakarevic<sup>6</sup>, M. Garff<sup>7</sup>, K. Larson<sup>7</sup>, J. O'Driscoll<sup>7</sup> – ELCC 2017

- Correlations between functional performance, health status and inflammatory biomarkers in stable COPD - mechanism, Biomarkers, Quality of life; N. Saiphoklang, R. Marzan-McGill, B. Dolezal, J. Belperio, C. Cooper, I. Barjaktarevic - ERS2017

- “Biomarker Characterization Of A Debilitated Phenotype In SPIROMICS”, Igor Barjaktarevic, Carlos H. Martinez, Jeffrey L. Curtis, Russell P. Bowler, Wanda K. O'Neal, Eric A. Hoffman, Elizabeth E. Carretta, Miguel Quibrera, R. G. Barr, Eugene Bleecker, David J. Couper, Gerard J. Criner, Mark T. Dransfield, MeiLan K. Han, Nadia N. Hansel, Richard Kanner, Stephen C. Lazarus, Fernando J. Martinez, Robert Paine, III, Donald P. Tashkin, Prescott G. Woodruff, Christopher B. Cooper; San Francisco, ATS 2016

- “Identification Of A Debilitated Phenotype In SPIROMICS” - Igor Barjaktarevic, Carlos H. Martinez, Jeffrey L. Curtis, Eric A. Hoffman, Elizabeth E. Carretta, Russell P. Bowler, Wanda K. O'Neal, Miguel Quibrera, R. G. Barr, Fernando J. Martinez, David J. Couper, Gerard J. Criner, Mark T. Dransfield, MeiLan K. Han, Nadia N. Hansel, Richard Kanner, Stephen C. Lazarus, Eugene R. Bleecker, Robert Paine, III, Donald P. Tashkin, Prescott G. Woodruff, Christopher B. Cooper; San Francisco, ATS 2016

- “Decreased Exacerbation Risk In COPD Correlates With Therapeutic Improvement In FEV1: A Meta-Analysis Of Randomized, Controlled Trials”; Alexander D. Zider, MD<sup>1</sup>, Russell G. Buhr, MD<sup>1</sup>, Xiaoyan Wang, PhD<sup>2</sup>, Worawan Sirichana, MD<sup>3</sup>, Igor Barjaktarevic, MD, MSc<sup>1</sup>, Christopher B. Cooper, San Francisco, ATS 2016

- “A Narrow Escape From Bilateral Adrenalectomy: A Case Of Unrecognized Ectopic Adrenocorticotrophic Hormone Production”; Brandon S. Grimes, MD<sup>1</sup>, Igor Barjaktarevic, MD, MSc; San Francisco, ATS 2016

- “Factors Associated With 30-Day Readmissions For COPD: A Health System Analysis” Russell G. Buhr, MD<sup>1</sup>, Alexander D. Zider, MD<sup>1</sup>, Igor Barjaktarevic, MD, MSc<sup>1</sup>, Michael K. Ong, MD, PhD<sup>1</sup>, Christopher B. Cooper, MD; San Francisco, ATS 2016

- “Interrelationship between Activity and Exercise Performance Measures in SPIROMICS”; C.B. Cooper, I. Barjaktarevic, M. Dransfield, S. Bhatt, T. Wilkins, G. Criner, R.E. Kanner, D.P. Tashkin, E.C. Klerup, S. Rennard for the SPIROMICS investigators; ATS 2015

- “Bronchoscopic Intubation With Noninvasive Ventilation: A Case Of An Emerging Technique In Managing Acute Hypoxemic Respiratory Failure” Albores J, Barjaktarevic I, ATS 2015

- “The predictors for COPD exacerbations using remote patient monitoring”; Dr. Worawan Sirichana, Dr. Xiaoyan Wang, Michael Taylor, Dr. Igor Barjaktarevic, Dr Christopher B Cooper; European Respiratory Society 2015 International Congress

- “Correlation of lower extremity function, lung function, and quality of life in outpatients with COPD” - Paikal M, Sirichana W, Patel MH, Taylor M, Barjaktarevic I, Klerup EC, Cooper CB; Proc Am Thorac Soc 2014.

- “A Rare Case of Primary Lymphoepithelioma-like Carcinoma of the Lung”. Grimes B, Barjaktarevic I, Proc Am Thorac Soc 2014

- "A 40-Year-Old Woman with Multilobar Nodular Densities and Massive Hemoptysis" Albores J, Bando J, Barjaktarevic I, Proc Am Thorac Soc 2014
- "Treadmill Endurance Time Based on Method of Constant Work Rate Determination" - Albores J, Sirichana W, Abrazado M, Taylor M, Barjaktarevic I, Kleerup EC, Cooper CB. Proc Am Thorac Soc 2014.
- "Limits of the correlation of wrist-worn accelerometry with oxygen uptake" - Sirichana W, Sail K, Taylor M, Wang X, Barjaktarevic I, Kleerup EC, Cooper CB. Proc Am Thorac Soc 2014.
- "Choices of spirometry measures for remote patient monitoring in COPD" - Sirichana W, Patel MH, Wang X, Taylor M, Barjaktarevic I, Kleerup EC, Cooper CB. Proc Am Thorac Soc 2014.
- "Justification for Statistical Process Control in Daily Home Spirometry for COPD Patients" - Sirichana W, Patel MH, Taylor M, Tseng C-H, Barjaktarevic I, Kleerup EC, Cooper CB, ERS 2013
- "Mechanism by which Inhaled Bronchodilators Prevent Exacerbations in Chronic Obstructive Pulmonary Disease" - Sirichana S, Tseng C-H, Kleerup EC, Barjaktarevic I, Cooper CB. ERS 2013
- "Diffusing Capacity For Carbon Monoxide Correlates Best With Tissue Volume From Quantitative CT Analysis" - Barjaktarevic I, Gonzales X, Coxson HO, Springmeyer SC, Cooper CB, ATS 2013
- "Recurrent Transudative Chylothorax After Radiofrequency Ablation of Hepatocellular Carcinoma" - Albores J, Barjaktarevic I, ATS 2013
- "Bronchoscopic Intubation During Non-Invasive Ventilation For Refractory Hypoxemic Respiratory Failure" - Barjaktarevic I, Berlin D – European Society of Critical Care Medicine, ESICM 2012
- "Organizing Pneumonia as a Side-Effect of Ipilimumab Treatment for Malignant Melanoma" - Igor Barjaktarevic, MD; Nida Qadir, MD; Anu Suri, MD; Jean Santamauro, MD; Diane Stover, MD, *Chest*, 2012
- "Interleukin-23-induced MMP-9 Secretion From HIV1+ Alveolar Macrophages is T-cell Dependent" – Barjaktarevic I, Crystal RG, Kaner R - American Thoracic Society (ATS) 2012
- "Case report: Rosai-Dorfman disease" – Barjaktarevic I, Friedman O, Rajwani K; New York State Thoracic Society (NYSTS) Scientific Assembly, January 2012
- "Multiple Cardio-Pulmonary Resuscitation Attempts In A Community Hospital: How Well Do We Recognize Futility? - I. Barjaktarevic, L. Bobe, L. Evans, A. Calandriello, A. Gonzalez, A. Klapholz, W. Dinan - American Thoracic Society (ATS) 2010; also awarded 2<sup>nd</sup> prize for the Annual Research Competition, June 2007, Mount Sinai – Cabrini Medical Center
- "Interleukin IL-23 in BAL in tuberculosis" – I. Barjaktarevic, M. Huie, R. Condos – New York Langone Medical Center, 2008, American Thoracic Society (ATS) 2009 (General Travel Award)
- "Uterine cervical carcinoma and its genome alterations: Loss of heterozygosity on 3p and 6p chromosomes and human papilloma virus tumor status" – Barjaktarevic I, Bogavac K, Novakovic I - the International Medical Students' Scientific Congress in Ohrid, Macedonia, May 2000

- "Experiences and results of the Exchange Program of International Federation of Medical Students' Associations" – Barjaktarevic I. - the Annual Conference of the Association of Medical Schools in Europe (AMSE), Porto, Portugal, August 2000

- "Quality of acquired education among female students population about breast cancer throughout the studies at the Medical school of Belgrade" – Barjaktarevic I, Latinovic L, Pilipovic M – IFMSA medical education WS, Eldoret, Kenya, April 1997

### ***5. Presentations***

- Internal Medicine Grand Rounds, David Geffen School of Medicine at UCLA, September 2015: "Emerging role of Ultrasound in bedside diagnostics"

- Pulmonary Grand Rounds, Harbor UCLA Medical Center, Oct 2015: "Endobronchial ultrasound: transient trend or step forward?"

- Pulmonary Grand Rounds: "Endobronchial ultrasound & advanced bronchoscopic diagnostics", David Geffen School of Medicine, UCLA, December 2014