**Date: June 27, 2024**

Curriculum Vitae and List of Publications

Dr.

**1. Personal Data**

|  |  |
| --- | --- |
| Name:  Robert Dragu | Identity or Passport Number: 302425244 |
| Place of Birth: | Date of Birth: |
| Date of Immigration: | Family Status: |
| Citizenship status: | Permanent Address: |
| Phone Number: 050-7887795 | E-mail: dragu.msg@gmail.com |

**2. Proposed academic rank:** (ימולא ע''י הפקולטה)

**3. Education, Academic Degrees, Residencies, and Fellowships**

|  |  |  |  |
| --- | --- | --- | --- |
| **From-To** | **Institution** | **Area of Specialty** | **Degree or Certification, Year** |
| **MD\DMD Studies** | Rappaport Faculty of Medicine, Technion, Haifa, Israel |  | M.D.  2000 |
| **Primary Residency Subspeciality Residency:** | Internal Medicine Dept. C, Rambam Health Care Campus, Haifa, Israel | Internal medicine | 1999-2003 |
|  | Cardiology Dept., Rambam Health Care Campus, Haifa, Israel | Cardiology | 2000-2007 |
| **Fellowship:** | Internship  HaEmek Hospital, Afula, Israel |  | 1997-1998 |
|  | S. Orsola-Malpighi University Hospital, Bologna, Italy | Pulmonary vascular disease | 2010 |
| **Clerkships** |  |  |  |
| 2002 | Rambam Healthcare Campus, Internal Medicine Department,  Haifa, Israel | Internal medicine | 2002 |
| 2004-2009  2011-2015 | Rambam Healthcare Campus, Cardiology Department, Haifa, Israel | Cardiology | 2004-2009  2011-2015 |
| 2012 | Rambam Healthcare Campus, Internal Medicine Department, Haifa, Israel | Cardiology | 2012 |
| 2016-2024 | Galilee Medical Center**,** Nahariya, Israel, Internal Medicine C, | Internal medicine | 2016-2024 |
| **Other Academic Degrees:** | Rappaport Faculty of Medicine, Technion, Haifa, Israel |  | B.Sc. Medical Sciences, 1994 |
|  | University of Bologna, Bologna, Italy | Pulmonary vascular disease | M. Sc.  2010 |

**MD Thesis Title**:

**Supervisor**:

**4. Academic Appointments**

|  |  |  |
| --- | --- | --- |
| **From-To** | **Academic Rank** | **University** |
|  |  |  |
|  |  |  |
|  |  |  |

**5. Teaching Contributions Faculties of Medicine:**

|  |  |  |
| --- | --- | --- |
| **From-To** | **Teaching Role or Position** | **Institution** |
| 2004 | Cardiology for American Students (graduate) |  |
| 2011-2012 | PBL course in cardiology (undergraduate) |  |
| 2011-2012 | Cardiology course for board review (fellow) |  |
| 2023-2024 | Primary clinical basics (undergraduate) |  |

**6. Professional Staff Appointments (at Medical Institutions):**

|  |  |  |
| --- | --- | --- |
| **From-To** | **Position** | **Institution** |
| 2007-2016 | Senior Cardiologist, Intensive Cardiac Care Unit | Cardiology Dept., Rambam Health Care Campus, Haifa, Israel |
| Year-present | Director, Internal Medicine C | Galilee Medical Center, Nahariya, Israel |
| Year-present | Director, Pulmonary Vascular Diseases Service | Galilee Medical Center**,**  Nahariya, Israel |

**7.** **Supervision of Graduate, Post-Graduate Students and Medical Students**

|  |  |  |  |
| --- | --- | --- | --- |
| **Name of Student/ Trainee and Supervision of Research Project for Specialty Residents Trainees** | **Degree, Years Supervised** | **Thesis or Project Title** | **Publication(s) with student as author (refer to number in publication list)** |
| Yoav Carsenty | MD thesis, Rappaport Faculty of Medicine, Technion  2015 | Therapeutic hypothermia, QT prolongation, and ventricular arrhythmias in out-of-hospital cardiac arrest survivors. |  |
| Amir Hamoud | B. Sc. thesis  2018 | The impact of right coronary artery perfusion pressure on outcomes of patients with preserved ejection fraction heart failure and pulmonary hypertension. | 23 |
| Kamal Abed El Gani | B. Sc. thesis  2019 | Time-dependent renal function dynamics impact on outcomes of patients with preserved ejection fraction heart failure and pulmonary hypertension. |  |

**8. Competitive Research Funding Sources**

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| **Start and Completion Dates** | **Funding Agency** | **Competitive or Sponsored** | | **Status (e.g., PI, Co-PI)** | **Title** | **Total Funds for Grant** |
| 2002 | Galil Center for Medical Informatics and Telemedicine | Competitive | PI | | On- admission autonomic nervous cardiac tone predicts the success of myocardial reperfusion in acute ST-elevation myocardial infarction | $20,000 |

**9. CONFERENCES**

1. Participation in organizing conferences
2. Plenary or invited talks (Conference title, location, date)
3. Contributed Talks, Posters and abstracts (Conference title, location, date, name of speaker. Please mention Talk\Poster\Abstract)
4. Refereed papers in conference proceedings (Include all co-authors in the order they appear on the paper, title of paper, title of publication, publisher, first and last pages, and year; do not list abstracts)

a. National Conferences

|  |  |  |
| --- | --- | --- |
| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| Acute Cardiac Care Congress | June 2013 | Organizing committee |
| Israeli Intensive Cardiac Care Working Group Meeting | July 2013 | Organizing committee |
| Israeli Intensive Cardiac Care Working Group Meeting | December 2014 | Organizing committee |
| Acute Cardiac Care Congress | January 2015 | Organizing committee |
| **Plenary presentations** | | |
| The Annual Israeli Society of Internal Medicine Congress | Israel  July 2022 | Updates in pulmonary hypertension |
| **Invited non-Plenary** | | |
| none |  |  |
| **Contributed Talks, Posters and Abstracts at National Conferences** | | |
| The 49th Annual Conference of the Israel Heart Association | May 2002 | Dragu R, Kapeliovich M, Hammerman H. The role of ST segment resolution on thirty days outcome after acute myocardial infarction |
| 3rd International Meeting in Intensive Cardiac Care | Tel Aviv  June 2002 | Dragu R, Kapeliovich M, Hammerman H. ST segment resolution and thirty days outcome after ST-elevation acute myocardial infarction. |
| 50th Annual Conference of the Israel Heart Association | May 2003 | Dragu R, Behar S, Boyko V, Kapeliovich M, Hammerman H. Outcome among patients with ST-elevation ACS and renal failure. Acute coronary syndromes in Israel 2002 (ACSIS 2002) National Survey. |
| Annual Conference of Israel Association for Medical Informatics | September 2003 | Dragu R, Adam D, Kapeliovich M, Rispler S, Hammerman H. System design for assessment of the impact of autonomic cardiac nervous activity on myocardial reperfusion therapy in patients with acute myocardial infarction. |
| **Refereed papers in conference proceedings** | | |
| none |  |  |

b. International Conferences in Israel

|  |  |  |
| --- | --- | --- |
| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| none |  |  |
| **Plenary or invited talks** | | |
| none |  |  |
| |  |  |  | | --- | --- | --- | | **Invited non-Plenary** | | | | none |  |  |   **Contributed Talks, Posters and Abstracts** | | |
| none |  |  |
| **Refereed papers in conference proceedings** | | |
| none |  |  |

c. International Conferences Abroad

|  |  |  |
| --- | --- | --- |
| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| none |  |  |
| **Plenary Presentations** | | |
| Pulmonary Arterial Hypertension in Congenital Heart Disease – Expert Meeting | Frankfurt, Germany  December, 2011 | State-of-the-art diagnosis in PAH-CHD. |
| Pulmonary Arterial Hypertension in Congenital Heart Disease – Expert Meeting | Frankfurt, Germany  December, 2011 | Percutaneous interventions and pulmonary hypertension in congenital heart disease. |
| 11th International Pulmonary Hypertension Forum | Dublin, Ireland  May 2012 | Assessing right ventricular function in pulmonary arterial hypertension. |
| 14th International Pulmonary Hypertension Forum | Copenhagen, Denmark  May 2015 | State-of-the-art: Cardiopulmonary imaging. |
| **Invited non-Plenary** | | |
| none |  |  |
| **Contributed Talks, Posters and Abstracts** | | |
| The American Heart Association Conference Scientific Sessions | November 2001 | Dragu R, Aronson D, Nakhoul F, Hir J, Miller A, Boulos M, Zinder O, Mittleman MA, Markiewicz W. Hyponatremia complicating cardiac catheterization: the role of urinary dilutional impairment and electrolyte free-water administration. |
| The American Heart Association Conference Scientific Sessions | November 2003 | Dragu R. Behar S, Boyko V, Kapeliovich M, Rispler S, Hammerman H. Should primary PCI be the preferred method of reperfusion in patients with ST-elevation ACS and renal insufficiency? |
| 5th International Meeting on Interventional Cardiology | December 2003 | Dragu R, Lessick J, Rispler S, Hammerman H, Kapeliovich M, Agmon Y, Mutlak D, Reisner S, Ghersin E, Lithmanovich D, Engel A, Beyar R. Detection of microvascular injury after acute myocardial infarction by 16-slice CT scan. |
| The American College of Cardiology 53rd Annual Scientific Session | March 2004 | Lessick J, Dragu R, Rispler S, Hammerman H, Kapeliovich M, Agmon Y, Mutlak D, Reisner S, Ghersin E, Lithmanovich D, Engel A, Beyar R. Assessment of microvascular injury after ST-elevation acute myocardial infarction by 16-slice CT scan. |
| European Society of Cardiology Congress | August 2004 | Dragu R, Rispler S, Mutlak D, H Hammerman H, Kapeliovich M, Ghersin E, Lithmanovich D, Engel A, Beyar R, Lessick J. Assessment of myocardial viability after acute myocardial infarction by 16-slice contrast-enhanced CT. |
| The American Heart Association Conference Scientific Sessions | November 2004 | Dragu R, Rispler S, Ghersin E, Lithmanovich D, Ofer A, Lessick J, Engel A, Beyar R. Is multi-slice CT coronary angiography comparable with conventional invasive coronary angiography in detecting coronary artery disease in patients suspected of acute coronary syndromes? A prospective study. |
| The American College of Cardiology 55th Annual Scientific Session | March 2006 | Dragu R, Gruberg L, Kerner A, Rispler S, Ghersin E, Lithmanovich D, Ofer A, Lessick J, Engel A, Beyar R. Correlation between 16-slice multidetector computed tomography and intravascular ultrasound in patients with ambiguous left main coronary artery stenosis. |
| The American Heart Association Conference Scientific Sessions | November 2007 | Dragu R, Kapeliovich M, Agmon Y, Mutlak D, Aronson D, Dabah S, Lessick J, Reisner S, Hammerman H. The impact of right ventricular dysfunction on long-term mortality in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2008 | Dragu R, Kapeliovich M, Hammerman H. On-admission serum phosphate level and long-term outcome in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2009 | Dragu R, Kapeliovich M, Hammerman H. In-hospital metabolic changes and their consequences on short- and long-term outcome in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2010 | Dragu R, Hammerman H, Agmon Y. Echocardiographic spectrum of potential cardiac causes for severe pulmonary hypertension. |
| European Society of Cardiology Congress | August 2010 | Dragu R, Agmon Y, Kapeliovich M, Hammerman H. The impact of aortic valve stenosis on long-term prognosis in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2010 | Dragu R, Agmon Y, Kapeliovich M, Hammerman H. Impact of pulmonary hypertension on long-term survival of patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2011 | Dragu R, Agmon Y, Kapeliovich M, Hammerman H, Aronson D. Right ventricular dysfunction with and without pulmonary hypertension in acute myocardial infarction: impact on long-term mortality. |
| European Society of Cardiology Congress | August 2011 | Dragu R, Kapeliovich M, Hammerman H, Aronson D. The impact of metabolic status on therapeutic strategy decision and long-term prognosis in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2011 | Dragu R, Kapeliovich M, Hammerman H, Aronson D, Zukermann R. Therapeutic hypothermia, QT prolongation and ventricular tachyarrhythmias in patients after out-of-hospital CPR. |
| European Society of Cardiology Congress | August 2011 | Dragu R, Agmon Y, Hammerman H, Aronson D. The effect of elevated right atrial pressure on long-term survival in patients with acute myocardial infarction. |
| European Society of Cardiology Congress | August 2012 | Aronson D, Shahar K, Hammerman H, Dragu R. The clinical significance of right ventricular dysfunction with or without pulmonary hypertension after acute myocardial infarction. |
| European Society of Cardiology Congress | August 2013 | [Aronson](http://spo.escardio.org/abstract-book/authors.aspx?id=102) D, [Darawsha](http://spo.escardio.org/abstract-book/authors.aspx?id=120304) W, [Dragu](http://spo.escardio.org/abstract-book/authors.aspx?id=6744) R, [Kapeliovich](http://spo.escardio.org/abstract-book/authors.aspx?id=106) M, [Goldberg](http://spo.escardio.org/abstract-book/authors.aspx?id=109) A, [Hammer](http://spo.escardio.org/abstract-book/authors.aspx?id=103)man H. Hyponatremia predicts the acute (type 1) cardio-renal syndrome. |
| European Heart Failure Congress | May 2014 | Dragu R, Rispler S, Hammerman H, Galie N, Aronson D. The predictive role of pulmonary arterial capacitance in patients with chronic heart failure. complicated by pulmonary hypertension. |
| European Heart Failure Congress | May 2014 | Dragu R, Rispler S, Hammerman H, Aronson D. Right ventricle myocardial perfusion pressure and outcomes in pulmonary hypertension due to left heart failure. |
| **Refereed papers in conference proceedings** | | |
| none |  |  |

d.

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| **Invited Professorships Institution** | **Grand Rounds Date** | **Title:** |
| none |  |  |
|  |  |  |

**10.**  **Miscellaneous**

Additional relevant personal details to describe your academic activities (e.g. Prizes, Awards, Activities in Research Institutes, Reasons or temporary termination of academic activities etc.).

|  |  |
| --- | --- |
| **Date** | **Membership** |
| 1998-1999 | Israel Defense Forces, Medical Corps |
| year | European Society of Cardiology |
| year | European Society of Cardiology Working Group on Intensive Cardiac Care |
| year | European Society of Cardiology Working Group on Pulmonary Circulation and Right Ventricular Function |
| year | Israel Heart Society |
| year | Israeli Working Group on Intensive Cardiac Care |
| year | Israeli Working Group on Heart Failure |
| year | Israel Internal Medicine Society |
| year | Israeli Medical Association |
| year | European Society of Cardiology |
| year | European Cardiologist |
| **Date** | **Patent (Title, Status, Date)** |
| none |  |
| **Date** | **Honors and Awards** |
| 2009 | Clinical Excellence Award– Rambam Healthcare Campus |
| 2014 | Excellence in Lecturing Award– Rappaport Faculty of Medicine, Technion, Israel |
| **Date** | **Clinical Trials Experience** |
|  | CATSCAN study – Principal Investigator |
|  | TIMI 25 study – Sub Investigator |
|  | MITSUBISHI study – Sub Investigator |
|  | OAT study – Sub Investigator |
|  | EPHESUS study – Sub Investigator |
| 2000 | ACSIS National Registry – Principal Investigator |
| 2002 | ACSIS National Registry – Principal Investigator |
| 2004 | ACSIS National Registry – Principal Investigator |
| 2006 | ACSIS National Registry – Principal Investigator |
| 2008 | ACSIS National Registry – Principal Investigator |
|  | TIMI 50 study – Sub Investigator |
|  | TRACER study – Sub Investigator |
|  | TABY study – Sub Investigator |
|  | KAI study – Principal Investigator |
|  | IMPROVE-IT study – Sub Investigator |
|  | Detection, estimation and characterization of pulmonary hypertension with a novel ultrasound method – Principal Investigator |
|  | SERENADE study – Principal Investigator |
|  | CARDIO study – Principal Investigator |
|  | NANOVATION study – Principal Investigator |

**11.** **Public Scientific Activities Outside the University** (Positions held in Scientific Institutions, Communal Services and their Application to your Scientific work, Editing Scientific Journals).

|  |  |
| --- | --- |
| **From-To** | **Type of Activity or Appointment** |
| 2014-2016 | Secretary General - Israeli Society of Resuscitation |
|  | Central and East Europe Expert Board Member for Pulmonary Arterial Hypertension in Congenital Heart Disease |
|  | Israel Heart Society Group for Board Review |
|  | Israel Internal Medicine Group for Board Review |
| 2016-2018 | Rambam Health Care Campus Committee for Diagnosis of Brain Death |
|  | Member of the Steering Committee - National Registry of Pulmonary Hypertension in Heart Failure |
|  | Peer reviewer: *Circulation* |
|  | Peer reviewer: *Journal of Postgraduate Medicine* |
|  | Peer reviewer: *Journal of Clinical Medicine & Research* |
|  | Peer reviewer: *Coronary Artery Disease* |
|  | Peer reviewer: *Minerva Cardioangiologica* |
|  | Peer reviewer: *ESC Heart Failure* |
|  | Peer reviewer: *Biomedicines* |
|  | Peer reviewer: *Journal of Personalized Medicine* |

**12. List of Publications**

(לציין:Until last promotion; Since last promotion. נא לציין ברשימה את תאריך קבלת הדרגה)

1. **Hypothesis-driven Clinical or Basic Research**
2. Aronson D, Dragu R, Nakhoul F, Hir J, Miller A, Boulos M, Zinder O, Green J, Mittleman MA, Markiewicz W. Hyponatremia as a complication of cardiac catheterization: a prospective study. Am J Kid Dis*.* 2002 Nov;40(5):940-6.

IF: 13.2, Rank: 6/88, Q1 (Urology & Nephrology)

1. Lessick J, Mutlak D, Rispler S, Ghersin E, Dragu R, Litmanovich D, Engel A, Reisner SA, Agmon Y. [Comparison of multidetector computed tomography versus echocardiography for assessing regional left ventricular function.](http://www.ncbi.nlm.nih.gov/pubmed/16188534) Am J Cardiol. 2005 Oct;96(7):1011-5.

IF: 2.8, Rank: 80/142, Q3 (Cardiac & Cardiovascular System)

1. Ghersin E, Litmanovich D, Dragu R, Rispler S, Lessick J, Ofer A, Brook OR, Gruberg L, Beyar R, Engel A. 16-MDCT coronary angiography versus invasive coronary angiography in acute chest pain syndrome: a blinded prospective study. Am J Radiol*.* 2006 Jan;186(1):177-184. IF: 5.0, Rank: 23/135, Q1 (Radiology, Nuclear Medicine & Medical Imaging)
2. Dragu R, Rispler S, Ghersin E, Gruberg L, Lessick J, Litmanovich D, Aronson D, Hammerman H, Ofer A, Engel A, Beyar R. Contrast-enhanced multi-detector computed tomography coronary angiography versus conventional invasive quantitative coronary angiography in acute coronary syndrome patients-correlation and bias. Acute Cardiovascular Care*.* 2006;8(2):99-104. IF:4.1, Rank 51/142, Q2 (Cardiac & Cardiovascular System)
3. [Rispler S, Keidar Z, Ghersin E, Roguin A, Soil A, Dragu R, Litmanovich D, Frenkel A, Aronson D, Engel A, Beyar R, Israel O.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17349885&ordinalpos=5&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Integrated single-photon emission computed tomography and computed tomography coronary angiography for the assessment of hemodynamically significant coronary artery lesions. J Am Coll Cardiol. 2007 Mar;49(10):1059-67.

IF: 24.0, Rank: 5/142, Q1 (Cardiac & Cardiovascular System)

1. [Lessick J, Dragu R, Mutlak D, Rispler S, Beyar R, Litmanovich D, Engel A, Agmon Y, Kapeliovich M, Hammerman H, Ghersin E.](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17690323&ordinalpos=2&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum) Is functional improvement after myocardial infarction predicted with myocardial enhancement patterns at multidetector CT? Radiology. 2007 Sep;244(3):736-44.

IF: 19.7, Rank: 1/135, Q1 (Radiology, Nuclear Medicine & Medical Imaging)

1. Lessick J, Ghersin E, Dragu R, Litmanovich D, Mutlak D, Rispler S, Agmon Y, Engel A, Beyar R. Diagnostic accuracy of myocardial hypo-enhancement on multidetector computed tomography in identifying myocardial infarction in patients admitted with acute chest pain syndrome. J Comput Assist Tomogr. 2007 Sep-Oct;31(5):780-8.

IF: 1.3, Rank: 123/135, Q4 (Radiology, Nuclear Medicine & Medical Imaging)

1. Dragu R, Huri S, Zuckerman R, Suleiman M, Mutlak D, Agmon Y, Kapeliovich M, Beyar R, Markiewicz W, Hammerman H, Aronson D. Predictive value of white blood cell subtypes for long-term outcome following myocardial infarction. Atherosclerosis; 2008 Jan;196(1):405-12.

IF: 5.3, Rank: 41/142, Q2 (Cardiac & Cardiovascular System)

1. Dragu R, Kerner A, Gruberg L, Rispler S, Lessick J, Ghersin E, Litmanovich D, Engel A, Beyar R, Roguin A. Angiographically uncertain left main coronary artery narrowings: correlation with multidetector computed tomography and intravascular ultrasound. Int J Cardiovasc Imaging. 2008 Jun;24(5):557-63. IF: 2.1, Rank: 93/135, Q3 (Radiology, Nuclear Medicine & Medical Imaging)
2. Aronson D, Amnon E, Dragu R, Burger A. The Relationship between Reactive Pulmonary Hypertension and Mortality in Patients with Acute Decompensated Heart Failure. Circulation Heart Failure. Circ Heart Fail. 2011;4;644-50.

IF: 9.7, Rank: 13/142, Q1 (Cardiac & Cardiovascular System)

1. Mutlak D, Lessick J, Carasso S, Kapeliovich M, Dragu R, Hammerman H, Agmon Y, Aronson D. [Utility of pulmonary hypertension for the prediction of heart failure following acute myocardial infarction.](http://www.ncbi.nlm.nih.gov.rambam-ez.medlcp.tau.ac.il/pubmed/22306210) Am J Cardiol. 2012 May;109(9): 1254-9. Epub 2012 Feb 3.

IF: 2.8, Rank: 80/142, Q3 (Cardiac & Cardiovascular System)

1. Aronson D, Kapeliovich M, Hammerman H, Dragu R. [The relation between serum phosphorus levels and clinical outcomes after acute myocardial infarction.](http://www.ncbi.nlm.nih.gov/pubmed/23505492) PLoS One. 2013;8(3): Epub 2013 Mar 11.

IF: 3.7, Rank: 26/73, Q2 (Multidisciplinary Sciences)

1. Aronson D, Darawsha W, Atamna A, Kaplan M, Makhoul BF, Mutlak D, Lessick J, Carasso S, Reisner S, Agmon Y, Dragu R, Azzam ZS. [Pulmonary hypertension, right ventricular function, and clinical outcome in acute decompensated heart failure.](http://www.ncbi.nlm.nih.gov/pubmed/24125104) J Card Fail. 2013 Oct;19(10):665-71.

IF: 6.0, Rank: 33/142, Q1 (Cardiac & Cardiovascular System)

1. Yalonetsky S, Eden H, Lessick J, Kapeliovich M, Dragu R, Mutlak D, Carasso S, Reisner S, Agmon Y, Hammerman H, Aronson D. [Impact of functional mitral regurgitation on right ventricular function and outcome in patients with right ventricular infarction.](http://www.ncbi.nlm.nih.gov/pubmed/24819897) Am J Cardiol. 2014 Jul 1;114(1):36-41. Epub 2014 Apr 16.

IF: 2.8, Rank: 80/142, Q3 (Cardiac & Cardiovascular System)

1. Dragu R, Rispler S, Habib M, Sholy H, Galie N, Aronson D. Pulmonary arterial capacitance in patients with heart failure and reactive pulmonary hypertension. Eur. J. Heart Fail. 2015 Jan;17(1):74-80. Epub 2014 Nov 11.

IF: 18.2, Rank: 7/142, Q1 (Cardiac & Cardiovascular System)

1. Massalha S, Luria L, Kerner A, Roguin A, Abergel E, Hammerman H, Boulos M, Dragu R, Kapeliovich MR, Beyar R, Nikolsky E, Aronson D. Heart failure in patients with diabetes undergoing primary percutaneous coronary intervention. Eur Heart J Acute Cardiovasc Care. 2016 Oct;5(6):455-62. Epub 2015 Jul 30.

IF: 4.1, Rank: 51/142, Q2 (Cardiac & Cardiovascular System)

1. Cannon CP, Blazing MA, Giugliano RP, McCagg A, White JA, Theroux P, Darius H, Lewis BS, Ophuis TO, Jukema JW, De Ferrari GM, Ruzyllo W, De Lucca P, Im K, Bohula EA, Reist C, Wiviott SD, Tershakovec AM, Musliner TA, Braunwald E, Califf RM; IMPROVE-IT investigators. ezetimibe added to statin therapy after acute coronary syndromes. N Engl J Med. 2015 Jun;372(25):2387-97.

IF: 158.5, Rank: 2/168, Q1 (Medicine, General & Internal)

1. Shahar K, Darawsha W, Yalonetsky S, Lessick J, Kapeliovich M, Dragu R, Mutlak D, Reisner S, Agmon Y, Aronson D. [Time dependence of the effect of right ventricular dysfunction on clinical outcomes after myocardial infarction: role of pulmonary hypertension.](https://www.ncbi.nlm.nih.gov/pubmed/27402233) J Am Heart Assoc. 2016 Jul;5(7).

IF: 5.4, Rank: 40/142, Q2 (Cardiac & Cardiovascular System)

1. Lions S, Dragu R, Carsenty Y, Zukermann R, Aronson D. [Determinants of cardiac repolarization and risk for ventricular arrhythmias during mild therapeutic hypothermia.](https://www-ncbi-nlm-nih-gov.naharia-ez.medlcp.tau.ac.il/pubmed/29929706) J Crit Care. 2018 Aug;46:151-6

IF: 3.7, Rank: 14/35, Q2 (Critical Care Medicine)

1. Zafrir B, Carasso S, Goland S, Zilberman L, Klempfner R, Shlomo N, Radzishevsky E, Hasin T, Shotan A, Vazan A, Weinstein JM, Kinany W, Dragu R, Maor E, Grosman-Rimon L, Amir O. [The impact of left ventricular ejection fraction on heart failure patients with pulmonary hypertension.](https://pubmed-ncbi-nlm-nih-gov.naharia-ez.medlcp.tau.ac.il/31174892/) Heart Lung. 2019 Nov-Dec;48(6):502-6.

IF: 2.8, Rank: 81/142, Q3 (Cardiac & Cardiovascular System)

1. Dragu R, Hardak E, Ohanyan A, Adir Y, Aronson D. [Prognostic value and diagnostic properties of the diastolic pulmonary pressure gradient in patients with pulmonary hypertension and left heart disease.](https://pubmed-ncbi-nlm-nih-gov.naharia-ez.medlcp.tau.ac.il/31126737/) Int J Cardiol. 2019 Sep;290:138-43.

IF: 3.5, Rank: 62/142, Q2 (Cardiac & Cardiovascular System)

1. Hamoud A, Brezins M, Shturman A, Abramovich A, Dragu R. Right coronary artery diastolic perfusion pressure and outcome in patients with heart failure and pulmonary hypertension. ESC Heart Fail. 2021 Oct;8(5):4086-92.

IF: 3.8, Rank: 56/142, Q2 (Cardiac & Cardiovascular System)

1. Dragu R, Jacob G, Adam D, Kapeliovich M, Hammerman, Aronson D. On- admission autonomic nervous cardiac tone predicts the success of myocardial reperfusion in acute ST-elevation myocardial infarction. Int J Cardiol. In Press.

IF: 3.5, Rank: 62/142, Q2 (Cardiac & Cardiovascular System)

1. **Clinical Descriptive Research** (e.g. retrospective studies)
2. Dragu R, Behar S, Sandach A, Boyko V, Kapeliovich M, Rispler S, Hammerman H. Should primary percutaneous coronary intervention be the preferred method of reperfusion therapy for patients with renal failure and ST-elevation acute myocardial infarction? Am J Cardiol 2006 Apr;97(8):1142-5.

IF: 2.8, Rank: 80/142, Q3 (Cardiac & Cardiovascular System)

1. [Markusohn E, Roguin A, Sebbag A, Aronson D, Dragu R, Amikam S, Boulus M, Grenadier E, Kerner A, Nikolsky E, Markiewicz W, Hammerman H, Kapeliovich M](http://www.ncbi.nlm.nih.gov/sites/entrez?Db=pubmed&Cmd=ShowDetailView&TermToSearch=17491217&ordinalpos=3&itool=EntrezSystem2.PEntrez.Pubmed.Pubmed_ResultsPanel.Pubmed_RVDocSum). Primary percutaneous coronary intervention after out-of-hospital cardiac arrest: patients and outcomes. Isr Med Assoc J. 2007 Apr;9(4):257-9.

IF: 1.6, Rank: 121/168, Q3 (Medicine, General & Internal)

1. **Case Reports**
2. Fruchter O, Dragu R. Images in clinical medicine: a deadly examination. NEJM*.* 2003 Mar;348(11):1016.

IF: 158.5, Rank: 2/168, Q1 (Medicine, General & Internal)

1. Ghersin E, Litmanovich D, Ofer A, Lessick J, Dragu R, Rispler S, Beyar R, Engel A. Anomalous origin of right coronary artery: diagnosis and dynamic evaluation with multidetector computed tomography. JCAT*.* 2004 Mar-Apr;28(2):293-4.

IF: 1.3, Rank: 123/135, Q4 (Radiology, Nuclear Medicine & Medical Imaging)

1. Ghersin E, Lessick J, Litmanovich D, Ofer A, Elhasid R, Lorber A, Dragu R, Rispler S, Haimi M, Engel A. Septal bounce in constrictive pericarditis. Diagnosis and dynamic evaluation with multidetector CT. JCAT*.* 2004 Sep-Oct;28(5):676-8.

IF: 1.3, Rank: 123/135, Q4 (Radiology, Nuclear Medicine & Medical Imaging)

1. Dolnikov K, Milo G, Assady S, Dragu R, Braun-Moscovici Y, Balbir-Gurman A. [Scleroderma Renal Crisis as an Early Presentation of Systemic Sclerosis.](https://pubmed-ncbi-nlm-nih-gov.naharia-ez.medlcp.tau.ac.il/33249796/) Isr Med Assoc J. 2020 Nov;11(22):722-3.

IF: 1.6, Rank: 121/168, Q3 (Medicine, General & Internal)

1. **Review Papers**
2. Dragu R, Kapeliovich M, Hammerman H. ST segment elevation resolution after thrombolytic therapy in acute myocardial infarction. Isr Med Assoc J*.* Jun 2003;5(6):425-7.

IF: 1.6, Rank: 121/168, Q3 (Medicine, General & Internal)

1. Dragu R, Hammerman H. ST-elevation myocardial infarction and renal impairment. Does it matter how we reperfuse? Acute Cardiovascular Care. 2007;9(1):22-4.

IF:4.1, Rank 51/142, Q2 (Cardiac & Cardiovascular System)

1. **Other Publications** (i.e., Letters to the Editor)
2. Dragu R. Minimally invasive bypass surgery. Letter to the editor. NEJM*.* Dec 26 2002;347(26): 2165-8.

IF: 158.5, Rank: 2/168, Q1 (Medicine, General & Internal)

1. Aronson D, Dragu R, Azzam ZS. [Reply to Acute decompensated heart failure and pulmonary hypertension.](http://www.ncbi.nlm.nih.gov/pubmed/24291549) J Card Fail. 2014 May;20(5):378.e17.

IF: 6.0, Rank: 33/142, Q1 (Cardiac & Cardiovascular System)

1. **Book Chapters**

none

1. **Books (edited or authored)**

none

1. **Publications with No\_IF**
2. Dragu R, Edoute Y - Fibrollamelar Hepatocellular Carcinoma. Harefuah. 2001;140(10):952-4.

No IF.

**13**. **Patents** (Year, title, status of patent)

none

**14. Academic Profile**

**Main Research Interests and Achievements**

## Pulmonary hypertension:

Impact of diagnosis and treatment of pulmonary hypertension on outcome of patients with and without ischemic heart disease and heart failure. Hemodynamic, metabolic and echocardiographic correlations with survival in chronic thromboembolic pulmonary hypertension.

## Cardiac computed tomography:

Use of new generations of CT scanners in the field of cardiology, for assessment of coronary artery disease, myocardial perfusion defects and myocardial viability. Detection of subclinical coronary artery disease in asymptomatic persons.

Part of the medical research team in collaboration with General Electric Medical Systems for development of a combined SPECT/CT device, dedicated for assessment of cardiac physiology and anatomy in a single non-invasive test.

## Endothelial function:

Use of advanced non-invasive and molecular techniques for detection of endothelial function in normal persons as well as in ischemic heart disease patients. Correlation of cytological and molecular basis of endothelial dysfunction markers with imaging modalities such as internal carotid media thickness assessed by ultrasound and coronary calcium score detected by fast spiral cardiac CT.

## Reperfusion therapy in ischemic heart disease:

Detection of myocardial reperfusion success and prognostic correlation with continuous electrocardiographic monitoring in patients with acute myocardial infarction.

## Cardiac autonomic nervous system:

## Assessment of autonomic nervous system expression in acute coronary syndromes and heart failure by heart rate variability and baroreflex sensitivity analysis using novel approaches

**Most Research Significant Past Achievements**

**Future Research Goals**