**נא לציין בשם הקובץ – את שם המועמד וכן תאריך**

**תאריך: 22 בנובמבר 2024**

**הצעה למינוי חדש/ קידום**

**לחבר סגל באוניברסיטת בר-אילן**

1. **נתונים אישיים**:

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| שם המועמד/ת בעברית: אבירם ניסן | בלועזית: Aviran Nissan |
| כתובת: רחוב האילנות 11, יסוד המעלה | מקום לידה: ארה"ב |
| מס' ת"ז: 026755819 | תאריך לידה: 27 בפברואר 1958 |
| מצב משפחתי: נשוי | תאריך עליה: ??? |
| טלפון: 077-3631377 | דואר אלקטרוני:  [aviramn@ziv.gov.il](mailto:aviramn@ziv.gov.il) [aviram.nissan@gmail.com](mailto:aviram.nissan@gmail.com) |

1. **הדרגה המוצעת**: (ימולא ע''י הפקולטה) שנת הלימודים: ???
2. **השכלה**:

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| **השכלה:** | **שם האוניברסיטה או המוסד:** | **מחלקה:** | **שנת קבלת התואר או ההסמכה:** |
| MD\DMD: | האוניברסיטה העברית בירושלים | הפקולטה לרפואה | 2199 בישראל  1997 במדינת ניו יורק |
| נושא עבודת MD:  Intestinal absorption of low molecular weight heparin (Fragmin) facilitated by bile acids.  מנחה: פרופ' עמירם אלדור | | | |
| סטאז' | בית חולים הדסה, קריית הדסה |  | 1991-1992 |
| התמחות ראשית: | בית חולים הדסה הר הצופים | כירורגיה כללית | 1992-1996 |
| התמחות ראשית: | Mount Sinai Medical Center, New York | כירורגיה כללית | 1996-1997 |
| תעודת רופא מומחה |  | כירורגיה כללית | 1999 |
| השתלמויות: | Memorial Sloan-Kettering Cancer Center & Ludwig Institute for Cancer Research, New York (Research Fellow, Colorectal Service) | כירורגיה אונקולוגית | 1997-1998 |
| Memorial Sloan-Kettering Cancer Center, New York (Clinical Fellow, Complex Surgical Oncology) | כירורגיה אונקולוגית | 2000-2001 |
| Harvard Business School | Executive Education | 2012-2013  Managing Healthcare Delivery |
| תארים אקדמיים נוספים: | האוניברסיטה העברית בירושלים | הפקולטה לרפואה | B.Sc. בביולוגיה, 1983-1986 |
| פוסט דוקטורט | אין |  |  |

1. **מינויים אקדמיים: (**נא לצרף לבקשה למינוי - אישור על המינוי האחרון ומועד קבלתו)

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| **דרגת מינוי:** | **שם האוניברסיטה:** | **שנת קבלת הדרגה:** |
| מדריך, כירורגיה | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 1997 |
| מרצה לרפואה | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 1999 |
| מרצה בכיר, כירורגיה | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2006 |
| פרופסור חבר, כירורגיה | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2011 |
| פרופסור מן המניין, כירורגיה | בית הספר לרפואה ע"ש סאקלר, אוניברסיטת תל אביב | 2018 |

1. **תרומה להוראה ועשייה בפקולטה**

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| **קורסים** | **פקולטה** | **פרטים/שנים** |
| כירורגיה – שנים ד', ה', ו' בבית ספר לרפואה | ??? | 1997 ואילך |
| Peritoneal Surface Malignancies  ממאירויות על פני הצפק | מרכז אקדמי ללימודי המשך ברפואה – כירורגיה ואונקולוגיה, בית הספר לרפואה ע"ש סאקלר, אוניברסיטת תל אביב | 2010, 2012 |
| ניהול סרטן המעי הגס והחלחולת | 2013 |
| מי הוא מנתח? קורס אדם ורפואה, רפואה שנה א' | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2013-2014 |
| ניתוחי חירום, רפואה שנה ו' | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2014 |
| קורסים לסטודנטים בשנה ד', שנה ו', ותוכנית ניו יורק | אוניברסיטת תל אביב | 2015 ואילך |
| **חברות בוועדות** | **פקולטה** | **שנים** |
| ועדת הלסינקי לניסויים בבני אדם | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2003-2011 |
| ועדת מורים-תלמידים,  מדריך לסטודנטים לרפואה שנה ה' | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2009-2011 |
| ועדת מחקר | הפקולטה לרפואה, האוניברסיטה העברית בירושלים | 2010-2011 |
| **תפקיד** | **פקולטה** | **שנים** |
| מרצה | בית הספר האירופאי לכירורגיה אונקולוגית | 2015 ואילך |

1. **תפקיד מקצועי במוסד הרפואי:**

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| **תפקיד, דרגה והיקף משרה** | **מוסד רפואי ומחלקה** | **תקופה או תאריך התחלה** |
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1. **מקומות עבודה קודמים**:

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| **תפקיד** | **מוסד** | **שנים** |
| מתמחה בכיר | מחלקה כירורגית, בית חולים הדסה הר הצופים | 1998-1999 |
| חבר סגל זוטר | מחלקה כירורגית, הדסה הר הצופים | 1999-2000 |
| עמית מחקר, כירורגיה אונקולוגית | Department of Surgery, Memorial Sloan-Kettering Cancer Center, New York | 2000-2001 |
| מנתח בכיר | מחלקה כירורגית, בית חולים הדסה הר הצופים | 2001-2011 |
| מנתח אונקולוגי | מחלקה כירורגית ב', מרכז רפואי רבין, בית חולים בילינסון | 2011-2012 |
| מנהל מחלקה | מחלקה כירורגית, בית חולים הדסה עין כרם | 2013-2014 |
| מנתח בכיר | המחלקה לכירורגיה כללית ואונקולוגית (כירורגית ג'), מרכז רפואי שיבא, בית חולים תל השומר | 2014-2015 |
| מנהל מחלקה | המחלקה לכירורגיה כללית ואונקולוגית (כירורגית ג'), מרכז רפואי שיבא, בית חולים תל השומר | 2015-2023 |
| מנהל אגף | האגף הכירורגי, בית חולים רבקה זיו, צפת | 2024 ואילך |

1. **הדרכת סטודנטים**:

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| **שמות תלמידי MD הדרכה לעבודות גמר:** | | | | |
| שם התלמיד: | שנת סיום: | **מדריך שותף:** | **נושא העבודה:** | **פרסומים עם הסטודנט כמנחה(ציין מספר המאמר ברשימת הפרסומים):** |
| אפרת לוין-בלום | 2000 | ד"ר רם ספירה ופרופ' אהוד זיו | The impact of diabetes mellitus on the strength of abdominal wound repair in the rat |  |
| גיא שגיא | 2005 | ד"ר דיאנה פרוס | Correlation between the expression of TS and DPD and survival in colorectal cancer patients |  |
| קרן אור רביב | 2005 | ד"ר איילה הוברט, פרופ' סטלה מיטראני-רוזנבאום | Detection of minimal residual disease in pleural effusion of breast cancer patients |  |
| אסף יניר |  |  | Predictive factors for recurrence following sentinel lymph node biopsy in melanoma patients |  |
| גיליה בלאו | 2006 | ד"ר דיאנה פרוס | Enhanced pathological examination of sentinel lymph nodes in breast cancer patients |  |
| דויד הוכשטיין | 2007 | פרופ' סטלה מיטראני-רוזנבאום | Detection of occult metastasis in sentinel lymph nodes of melanoma patients using RT-PCR. |  |
| עידו מזרחי | 2007 | פרופ' סטלה מיטראני-רוזנבאום | Detection of circulating tumor cells in melanoma patients using RT-PCR for Tyrosinase, MART1, gp100, MAGE3, and NY-ESO-1 and correlation with survival |  |
| Andrea Bochem  (אוניברסיטת אמסטרדם) | 2007 | פרופ' סטלה מיטראני-רוזנבאום | Detection of minimal residual disease in peripheral blood of colorectal cancer patients using quantitative PCR for CK-20 and colon-associated transcript-1 (CCAT1) |  |
| Suzi Meijer (אוניברסיטת אמסטרדם) | 2007 | פרופ' סטלה מיטראני-רוזנבאום | Diagnostic Relevance of Cytokeratin 19 (CK-19), NY-BR-1, Mammaglobin (MGB-1), and Mammaglobin-B (MGB-2) for the Detection of Minimal Residual Disease in Peripheral Blood of Breast Cancer Patients |  |
| דרור לווינר | 2009 | ד"ר מיכל לוטם | Correlation between clinical and molecular characteristics in melanoma |  |
| יאיר לוי | 2011 | ד"ר ח. מזא"ה | Development of a microRNA-based panel for the detection of malignancy in follicular lesions FNA samples |  |
| אמיתי לורבר | 2011 | ד"ר ח. מזא"ה | Development of a microRNA-based molecular assay for the detection of thyroid cancer |  |
| עודד כהן | 2011 | ד"ר ח. מזא"ה | Evaluation of surgical complications using a novel grading system – a prospective single-arm study |  |
| ענאן שאטאווי | 2011 |  | Development of a novel CRC detection system using stool samples |  |
| שמואל הרצברג | 2012 |  | Early detection and staging of colorectal cancer using a panel of micro RNAs |  |
| ג'אנאן עוואד | 2013 | ד"ר עינת כרמון, פרופ' אילנה אריאל | Pathological processing of sentinel lymph nodes in breast cancer |  |
| מאלינה סליין | 2014 |  | The Impact of Normothermia Maintained by a Heating-cooling Device on Early Recovery after Cytoreductive Surgery and HIPEC |  |
| דנה עובד | 2014 | ד"ר עינת כרמון, פרופ' ת. פרץ | The effect of multifocality on survival after lumpectomy or mastectomy in early-stage breast cancer |  |
| ד"ר מיכאל טאסקר | 2015 |  | Predictors of early recurrence following cytoreductive surgery +HIPEC |  |

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| **הדרכת מתמחים למדעי יסוד:** | | | | |
| **שם המתמחה:** | **שנת סיום:** | **מדריך שותף:** | **נושא העבודה:** | **פרסומים עם הסטודנט כמנחה (ציין מספר המאמר ברשימת הפרסומים):** |
| ד"ר רונית גרינבאום | 2005 | פרופ' סטלה מיטראני-רוזנבאום | Identification of Minimal residual disease in sentinel lymph nodes of colon cancer patients |  |
| ד"ר יעקב סאמט | 2006 | פרופ' סטלה מיטראני-רוזנבאום | Development of a molecular stool assay for the detection of colorectal cancer |  |
| ד"ר בילאל קיפאח | 2007 |  | Tissue Microarray Molecular Profiling of Squamous Cell Carcinoma of the Oral Cavity |  |
| ד"ר אנה דינבורג | 2008 | ד"ר מרטין קליין | The added value of PET scan in the staging of malignant melanoma |  |
| ד"ר מאיר פינטו | 2009 | פרופ' סטלה מיטראני-רוזנבאום | Detection of minimal residual disease in sentinel lymph nodes of breast cancer patients using mir205 |  |
| ד"ר באסאם אבו-וואסל | 2010 | פרופ' מנחם חנני | Differential effect of hyperthermia on nerves and smooth muscle of the mouse ileum |  |
| ד"ר חגי מזא"ה | 2011 | פרופ' סטלה מיטראני-רוזנבאום | Differentiation of benign from malignant thyroid nodules by PCR amplification of microRNA panel in FNA samples |  |
| ד"ר עליאיאן בילאל | 2012 | פרופ' סטלה מיטראני-רוזנבאום | Expression profiling of CCAT1 in various stages of colorectal cancer |  |
| ד"ר עידו מזרחי | 2013 | פרופ' סטלה מיטראני-רוזנבאום | Expression of a long non-coding RNA CCAT1 in gastric cancer |  |
| ד"ר מוחמד עדילה | 2014 |  | DNA methylation patterns in gastric cancer an normal stomach infected by H. Pylori |  |
| ד"ר חן שפטר | 2015 |  | The role of CCAT1 in the EMT process |  |
| ד"ר גלי וסטרייך | 2016 |  | The impact of hypoxia on CCAT1 expression |  |
| ד"ר יהונתן נבו | 2017 |  | Molecular Profiling of Colon Cancer |  |
| ד"ר טל יאלון | 2018 |  | MicroRNA Detection in Thyroid Cancer |  |
| ד"ר ענבל שרון | 2019 |  | Differential Expression of CCAT1 in normal mucosa of colon cancer |  |
| ד"ר אייל מור | 2020 |  | Organoid-based model for prediction of response to HIPEC in Patients with peritoneal MX of CRC |  |
| ד"ר ענבל שרון | 2021 |  | CCAT-1 Expression in normal colonic mucosa adjacent to neoplastic tissues |  |
| ד"ר אלונה ביליק | 2021 |  | LGR5 Expression in carcinoma of the stomach |  |
| ד"ר חגי בנבניסטי |  |  | Detection of SSI by thermal imaging |  |
| ד"ר נדב אלבז |  |  | Organoid- base model for definition of chemosensitivity and radiation sensitivity of GI tumors |  |

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| **שמות תלמידי תואר מוסמך MSc:** | | | | |
| שם התלמיד: | שנת סיום: | **מדריך שותף:** | **נושא העבודה:** | **פרסומים עם הסטודנט כמנחה(ציין מספר המאמר ברשימת הפרסומים):** |
| ראנין אבו-סיני | 2008 | פרופ' סטלה מיטראני-רוזנבאום | Detection of minimal residual disease in sentinel lymph nodes of breast cancer patients using micro-RNA PCR amplification |  |
| נדיה אייאלייב | 2010 | פרופ' סטלה מיטראני-רוזנבאום | Expression of microRNA fragments in colon cancer and sentinel lymph nodes |  |
| ויקטוריה ציבין | 2011 | פרופ' אברי רובינשטיין | The role of CCAT-1 in carcinogenesis of colorectal cancer |  |

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| ‏ **שמות תלמידי הדוקטור-PhD:** | | | | |
| **שם התלמיד:** | **שנת סיום:** | **מדריך שותף:** | **נושא העבודה:** | **פרסומים עם הסטודנט כמנחה (ציין מספר המאמר ברשימת הפרסומים):** |
| יוסי קם | 2013 | פרופ' אברי רובינשטיין | CCAT-1 directed molecular beacons for in vivo real-time imaging of colon cancer |  |
| נדיה אייאלייב | 2011 – הפסקת לימודים | פרופ' סטלה מיטראני-רוזנבאום | Expression of microRNA fragments in colon cancer and sentinel lymph nodes |  |
| מיטל בלוך | 2016 | פרופ' אברי רובינשטיין | Intra-operative, real-time identification of peritoneal micro-metastasis using biodegradable polymers with fluorescent micro-particles |  |

1. **מלגות ופרסים** :

1993 Faculty Prize for M.D. Thesis: Bile Salts Facilitate the Absorption of Low Molecular Weight Heparin Through the Intestinal Wall.

1997 Resident Award, American Society for Bariatric Surgery. Preoperative evaluation of the anatomy and function of the esophagus in laparoscopic adjustable gastric banding: Implications for patient selection.

1999 Tehoresh Award for Cancer Research. Conjugation of monoclonal antibody A-33 to oligonucleotides.

1999 Israel Surgical Society Ami Barzilai Award for Clinical Research. Electrical Impedance Scanning of the Breast as an Adjunct to Mammography.

2000 Melwitzki Award for Surgical Research.

2003 Federico Foundation Award.

2003 The Aaron Beare Foundation Award for Cancer Research.

2006 Faculty Prize for Original Research. Multimarker RT-PCR assay for the detection of minimal residual disease in sentinel lymph nodes of breast cancer patients.

2007 USMCI CBCP Award for outstanding grand rounds presentation. Minimal residual disease in epithelial tumors.

2017 Honorary Doctor, Tbilisi State Medical University, Georgia

2023 Rudloph Nissen Medal, DAGV**,** Lifetime Achievement in Surgery, Germany

1. **זכיה במענקי מחקר:**

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| ***Years*** | ***Granted by Institute/Company*** | ***Competitive (Y/N)*** | ***Status*** | ***Subject*** | ***Total Amount*** |
| 1998-1999 | Middle East Cancer Consortium Grant |  | P.I  Co-investigators: Prof Tamar Peretz, Dr. Ram M. Spira, Mrs. Naheel Abu Khalaf | Screening for BRCA-1 and BRCA-2 mutations in Palestinian women with breast cancer | $13,500 |
| 1998-1999 | Hadassah Fund for Young Investigators |  | P.I  Co investigators: Prof. Menachem Hanani, Dr. Ram M. Spira | Intestinal dysmotility in disease states: the role of the Intestinal Cells of Cajal | NIS 20K |
| 1998-1999 | Hadassah Fund for Young Investigators |  | P.I  Co investigators: Prof. Ehud Ziv, Dr. Ram M. Spira | The role of diabetes mellitus in the pathogenesis of surgical wound dehiscence | NIS 20K |
| 1999-2000 | Israel Cancer Society |  | P.I  Co-investigators: Prof Tamar Peretz, Dr. Ram M. Spira, Mrs Naheel Abu Khalaf | Screening for BRCA-1 and BRCA-2 mutations in Palestinian women with breast cancer | NIS 45K |
| 2002-2006 | Ludwig Institute for Cancer Research and The Cancer Research Institute Grant, New York, USA. |  | P.I  Co-investigators: none | Identification of molecular targets for cancer vaccine therapy | $35K/year |
| 2002-2003 | Hadassah Medical Center “Sal Klita” |  | P.I  Co-investigators: none | Identification of molecular targets for cancer vaccine therapy | $20K (2002), $10K (2003) |
| 2002-2003 | Israel Cancer Society |  | P.I  Co-investigators: Dr. Scott I. Fields. Dr. Maya Gips | Computerized tomography of the breast | NIS 45K |
| 2002-2003 | Israel Cancer Society |  | P.I  Co-investigators: Dr. Diana Prus, Prof. Tamar Peretz | Identification of molecular targets for cancer vaccine therapy | NIS 45K |
| 2003-2009 | Beare Foundation Award for Cancer Research |  | P.I  Co-investigators: none | Detection of Minimal Residual Disease in Breast Cancer Patients | $20K/year |
| 2003-2014 | Federico Foundation Award |  | P.I  Co-investigators: Prof. Herbert R. Freund | Detection of Minimal Residual Disease in Colon Cancer Patients | $35K/year |
| 2004-2005 |  | Women Health Foundation | P.I Co-investigators: Dr. Diana Prus | Detection of Minimal Residual Disease in Breast Cancer Patients | NIS 80K |
| 2006-2007 |  | Israel Cancer Society | P.I Co-investigators: Dr. Diana Prus | Detection of minimal residual disease in sentinel lymph nodes of colon cancer patients | NIS 45K |
| 2006-2007 | Women Health Foundation |  | P.I Co-investigators: Prof. Avri Rubinstein | Biodegradable gels as platforms for brachytherapy for breast cancer patients | NIS 110K |
| 2007-2011 | Magnet Program, Chief Scientist Office, Israel Ministry of Commerce |  | P.I | Bio-optical Imaging of Colon Cancer | NIS 500K/year for 5 years |
| 2007-2009 | Sheldon and Miriam Adelson Foundation for Medical Research Award |  | Investigator | Adoptive cell therapy in advanced melanoma | $350K (Dr. Nissan -30%) |
| 2008-2012 | NCI |  | Co-P.I  in combination with Dr. Anton Bilchick UCLA and Dr. Alexander Stojadinovic (WRAMC) | Ultrastaging of colon cancer (UECC) | Total $3.5M (Dr. Nissan -10%). |
| 2009-2012 | Combat Wound Initiative, Congressional Grant |  | P.I  In collaboration with Dr. Alexander Stojadinovic (WRAMC) | Shock Wave Therapy for gunshot wound to the extremities | $706,361(Dr. Nissan-50%) |
| 2011-2012 | Bar Ilan University- Rabin Medical Center Award |  | Co-PI  In collaboration with Prof. Y. Shavtal, BIU. | The role of CCAT1, a long non-coding RNA in the pathogenesis of colorectal cancer | NIS 50K (Dr. Nissan- 50%) |
| 2014-2018 | Israel Science Foundation |  | Co-PI  In collaboration with Prof. Rubinstein | Intra-operative, real-time identification of peritoneal micro-metastasis using biodegradable polymers with fluorescent micro-particles | NIS 345K/year(Dr. Nissan-50%) |
| 2015-2017 | Kamin |  | Co-PI  In collaboration with Prof. Rubinstein | Intra-operative, real-time identification of peritoneal micro-metastasis using biodegradable polymers with fluorescent micro-particles | NIS  540K/year(Dr. Nissan-50%) |
| 2021-2022 | Seed the Dream Foundation |  | Co-PI with Dr. Adileh | Living Bio Bank –Organoid Culture | $250K |

1. **כנסים מדעיים** :

1. **כנסים ארציים בישראל**

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| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| ISSO meeting | Israel, 2003 |  |
| Biennial cancer symposium of the Israel Society of surgical oncology – ISSO | Caesarea, 2007 |  |
| ISSO meeting | Caesarea, 2008 | Organizing and Scientific Committees |
| Leadership and mentorship in surgery: A tribute to Prof. Herbert R. Freund | Jerusalem, 2008 | Organizing Committee |
| ISSO meeting | Israel, 2010 |  |
| ISSO meeting | Caesarea, 2014 | Secretary and member of Steering Committee |
| Annual Meeting of the Israeli Surgical Association | Nazareth, 2014 |  |
| Israeli surgical Association Bi-annual Meeting | Kfar Blum, 2015 | Organizing and Scientific Committees |
| ISSO meeting | Caesarea, 2016 | Secretary |
| Israeli Surgical Association Bi-annual meeting | Kfar Blum, 2017 | Organizing and Scientific committees |
| ISSO meeting | Zichron Yaacov, 2018 | Secretary |
| ISSO, Gastric Cancer Conference | Zichron Yaacov, 2019 | Chairman |
| Israeli Surgical Association Bi-annual meeting | Kfar Blum, 2019 | Organizing and Scientific Committees |
| ISSO meeting | Zichron Yaacov, 2020 | Chairman |
| ISSO meeting | Haifa, 2022 | President |
| **Plenary Presentations** | | |
| Erika Harel Memorial Cancer Prevention meeting | Israel, 2005 |  |
| Biennial cancer symposium of the Israel Society of surgical oncology – ISSO | Caesarea, Israel, 2007 |  |
| Leadership and mentorship in surgery: A tribute to Prof. Herbert R. Freund | Jerusalem, 2008 |  |
| Bio Medical Photonics Consortium Annual Meeting. | Haifa, 2009 |  |
| ISSO meeting | Israel, 2010 |  |
| Annual Meeting of the Israel Surgical Society | Haifa, 2010 |  |
| 27th meeting of the Israeli Surgical Association | Jerusalem, 2011 |  |
| Community Medicine conference (Clalit) | Ramat-Gan, 2011 |  |
| ISSO meeting | Caesarea, 2012 |  |
| **Invited non-Plenary** | | |
|  |  |  |
| **Contributed Talks, Posters and Abstracts** | | |
|  |  |  |
| **Refereed papers in conference proceedings** | | |
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1. **כנסים בינלאומיים בישראל**

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| --- | --- | --- |
| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| World Federation of Surgical ‎Oncology Societies and ISSO meeting | Eilat, 2005 | Organizing Committee |
| **Plenary and Invited Presentations** | | |
| The 12th World Congress on Cancers of the Skin. | Tel Aviv, 2009 |  |
| World Congress for the Advancement of Surgery in Israel | Jerusalem, 2009 |  |
| 3rd Congress for the Advancement of Surgery in Israel (WCASI) | Jerusalem, 2011 |  |
| The 4th World Congress for the Advancement of Surgery (WCAS) | Tel Aviv, 2013 |  |
| World Congress for the Advancement of Surgery (WCAS) | Tel Aviv, 2015 | Update on Peritoneal Surface Malignancies |
| **Invited non-Plenary** | | |
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| **Contributed Talks, Posters and Abstracts** | | |
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| **Refereed papers in conference proceedings** | | |
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1. **כנסים בינלאומיים בחו"ל**

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| --- | --- | --- |
| **Name of Conference** | **Place and Date** | **Title of Lecture/Poster** |
| **Participation in organizing conferences** | | |
| SSO Cancer Symposium | Boston, USA, 2016 | International Committee |
| PSOGI 2016 | Washington DC, USA, 2016 | Executive Committee, Faculty |
| SSO Cancer Symposium | Seattle, USA, 2017 | International Committee |
| SSO Cancer Symposium | Chicago, USA, 2018 | International Committee, Global Forum of Cancer Surgeons |
| PSOGI 2016 | Paris, France, 2016 | Executive Committee, Faculty |
| SSO Cancer Symposium | San Diego, USA, 2019 | International Committee, Global Forum of Cancer Surgeons |
| PSOGI Congress | Venice, Italy, 2023 | Organizing and Scientific Committees |
| **Plenary Presentations** | | |
| Research seminars in Clinical Oncology | University of Zurich, 2006 |  |
| Mediterranean Course on Hyperthermia in Oncology: from Physics to Clinical Applications | Napoli, Italy, 2008 |  |
| International Symposium on Peritoneal Carcinomatosis | Regensburg, Germany, 2008 |  |
| Research seminars in Clinical Oncology | University of Zurich, 2009 |  |
| Societa Italiana di Chirugia Oncologica | Rome, Italy, 2009 | Workshop of Surgical Oncology and Integrated Treatments |
| International Symposium on Peritoneal Carcinomatosis | Regensburg, Germany, 2009 |  |
| 7th International Workshop on Peritoneal Surface Malignancy | Upsala, Sweden, 2010 |  |
| Societa Italiana di Chirugia Oncologica | Rome, Italy, 2010 | Workshop of Surgical Oncology and Integrated Treatments |
| The 1st San Raffaele Meeting | Milan, Italy. 2012 |  |
| Cancer State of the Art 2012. Falk Symposium 182 | Munich, Germany, 2012 |  |
| International Society of Surgery (ISS) meeting in cooperation with the Finnish Society of Surgery (FSS) | Helsinki, Finland, 2013 |  |
| 10th International Gastric Cancer Congress, IGCC 2013 | Verona, Italy, 2013 |  |
| Thai-Israeli Academic Medical Collaboration. Recent advancements in cancer diagnosis and treatment 2013 | Bangkok, Thailand, 2013 |  |
| 131st Deutsche Gesellschaft fur Chirurgie (DGCH) meeting | Berlin, Germany, 2014 |  |
| UPMC- Regional Therapies | Florida, USA, 2015 |  |
| ESSO European School of Surgical Oncology-HIPEC workshop | Hamburg, Germany, 2016 |  |
| ACOS: Cancer in Asia | New Delhi, India, 2016 | Invited lecture (X3),  Live surgery |
| NATCON IASO | Jodhpur, India, 2016 | Invited lecture (x2) |
| ESSO School of Surgery | Hamburg, Germany, 2017 | Invited lecture, Faculty |
| Peritoneal Surface Oncology meeting | Istanbul, Turkey, 2017 | Invited lecture (x2), Faculty |
| Gr. Mukhadze Surgical Society of Georgia, International Clinical Congress | Tbilisi, Georgia, 2017 | Faculty, invited lecture |
| Peritoneal Surface Malignancy Meeting | Thessaloniki, Greece, 2018 | Faculty, invited lecture |
| International Clinical Conference- GI Tract Disorders | Mestia, Georgia, 2018 | Faculty, invited lectures |
| International Symposium, Peritoneal Surface Malignancies | Seul, South Korea, 2018 | Faculty, invited lecture |
| SMIT Meeting | Seul, South Korea, 2018 | Invited lecture |
| Peritoneal Surface Malignancy Workshop | Novi Sad, Serbia, 2019 | Faculty, Moderator. invited lecture |
| PSOGI, Ovarian Cancer Symposium | Athens, Greece, 2019 | Faculty, invited lecture |
| Oncologia Qua Vadis? | Poloponese, Greece, 2023 | Invited lecture |
| **Invited non-Plenary** | | |
| ESSO Workshop Melanoma | Athens, Greece, 2017 | Instructor, Faculty |
| SSO - Regional Therapies Congress | Arizona, USA, 2019 | Faculty |
| Peritoneal Surface Oncology Workshop | Almaty, Kazakhstan, 2019 | Faculty, Moderator |
| Peritoneal Surface Oncology Workshop | Almaty, Kazakhstan, 2020 | Faculty, Moderator |
| **Contributed Talks, Posters and Abstracts** | | |
| UPMC- Regional Therapies | Utah, USA, 2017 | Oral presentation |
| European Society of Surgical Oncology (ESSO) meeting | Budapest, Hungary, 2018 |  |
| Turkish Ontological Society Meeting | Antalya, Turkey, 2018 | Faculty |
| PIPAC workshop | Paris, France, 2018 |  |
| European Society of Surgical Oncology (ESSO) meeting | Rotterdam, Netherlands, 2019 |  |
| DAGV Congress | Hamburg, Germany, 2023 | Rudolf Nissen Award and Lecture |
| **Refereed papers in conference proceedings** | | |
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| --- | --- | --- |
| **Invited Professorships Institution** | **Grand Rounds Date** | **Title:** |
| Department of Surgery, Walter Reed Army Medical Center, Washington DC | Washington DC, USA, 2007 |  |
| Walter Reed Army Medical Center, and Armed forces Institute of Pathology | Washington DC, USA, 2009 |  |

1. **נסיון מקצועי אחר**:

|  |  |  |
| --- | --- | --- |
| תפקיד/פעילות | מוסד/ארגון | שנים |
| **חבר בצוות העורכים** | Journal of Surgical Oncology | 2021-2004 |
| **חבר בוועדה הבינלאומית**  **חבר מערכת** | **החברה הישראלית לכירורגיה אונקולוגית** | **2001 ואילך**  **2007 ואילך** |
| חבר בוועדת תכנון אסטרטגי | בית חולים הדסה | 2010-2009 |
| **חבר בצוות העורכים**  חבר בוועדה הבינלאומית | Annals of Surgical Oncology | 2022-2010  2021-2010 |
| **חבר בוועדה המדעית** | **המועצה הארצית לניתוח, הרדמה וטיפול נמרץ** | **2018-2013** |
| **חבר הוועד המנהל**  **חבר בוועדת האתיקה** | **איגוד הכירורגים בישראל** | **2021-2017**  **2012-2010** |
| **חבר בוועד המנהל** | Peritoneal Surface Oncology Group International (PSOGI) | **2016 ואילך** |
| **יו"ר** | **החברה הישראלית לכירורגיה אונקולוגית** | **2022-2017** |
| **מנהל המוקד הכירורגי** | **מרכז** ARC **לחדשנות דיגיטלית, מרכז רפואי שיבא** | **2019 ואילך** |
| Scientific Reviewer | Journal of Surgical Oncology, Annals of Surgical Oncology, European Journal of Surgical Oncology |  |
| Ad-hoc reviewer | Cancer, Cancer Letters, Journal of Clinical Oncology, Clinical Cancer Research, International Journal of Molecular Sciences, Expert Opinion on Therapeutic Targets |  |

1. **תחומי התמחות מדעיים**: (תחומי מחקר- נא לרשום בעברית)
2. **מידע נוסף**:
3. חברות באגודות מדעיות ורפואיות

|  |  |
| --- | --- |
| **שנים** | **שם הארגון** |
| 1999 ואילך | איגוד הכירורגים בישראל |
| 1999 ואילך | European Society for Surgical Oncology |
| 2018-2001 | **החברת הישראלית לכירורגיה קולורקטאלית** |
| 2009-2001 | American Society of Clinical Oncology |
| 2009-2002 | American Association for Cancer Research |
| 2012-2003 | Unites States Military Cancer Institute |
| 2007 ואילך | The American Society of Peritoneal Surface Malignancies |
| 2008 ואילך | European Union Network for Excellence in Gastric Cancer (EUNE) |
| 2011-2009 | International Gastric Cancer Association |
| 2016 ואילך | Peritoneal Surface Oncology Group International (PSOGI) |
| 2018 ואילך | International Society for Study of Pleura and Peritoneum (ISSPP) |

1. **רשימת פרסומים**:

יש להציג את המאמרים **בכל קטגוריה** (מספור חדש בכל קטגוריה) לפי הסדר הכרונולוגי, מהמוקדמים ועד למאוחרים, **כולל הפרדה עד קבלת הדרגה האחרונה וממנה**

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

יש להציג את המאמרים **בכל קטגוריה** (מספור חדש בכל קטגוריה) לפי הסדר הכרונולוגי, מהמוקדמים ועד למאוחרים, **כולל הפרדה עד קבלת הדרגה האחרונה וממנה**

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

**פירוט הקטגוריות שיש להבחין בינן:**

1. **Hypothesis-driven clinical or basic research**
2. **Clinical Descriptive Research** (e.g. retrospective studies)
3. **Case reports**
4. **Review Papers**
5. **Other Publications** (i.e., Letters to the Editor)
6. **Book Chapters**

**נא להציג את המאמרים בפרסום בתוך הקטגוריה המתאימה**, להציג רק מאמרים שכבר התקבלו סופית לפירסום ולרשום *Accepted*

**בספרים ומאמרים שהתקבלו לפרסום יש לצרף אישור על קבלת המאמר לפרסום ולציין את מספר העמודים של כתב היד.**

**כל פרסום/מאמר צריך לכלול את הפרטים הבאים:**

1. **שמות המחברים**
2. **שם הפרסום**
3. **שם כתב העת**
4. **שנת הפרסום, מספר הכרך, מספר הגיליון ומספרי העמודים**
5. **יש להוסיף לכל הפרסומים:**

**"שורת הערכה" בצבע אדום (ראה דוגמאות בסעיף ה'), הכוללת:**

1. Impact factor
2. Rank/Number of Journals in list
3. Name of specialty list
4. Research student – if any
5. Contribution to study- in 1-2 sentences and letter key below

**\*\* את ה: Impact Factor, Rank/Number of Journals in list, category**

**ניתן למצוא אך ורק מתוך Web of Science ברשימות כתבי העת המקצועיים בעזרת הספרנית.**

\* מידת תרומת חבר הסגל לפרסום (Contribution to study) נקבעת כדלהלן:

Contribution to study

**A**- Initiator of the study; **B**- Performing the study

**C**-Writing the manuscript draft; **D**-Reviewing the draft

**יש להוסיף את המפתח הזה לכל רשימת הפירסומים בראש הרשימה**

1. **בכל פרסום שבו המועמד אינו כותב עיקרי (ראשון/אחרון) יש לציין את תרומתו הסגולית ב 3-4 משפטים** (כגון: ביצוע חלק מן הניסויים/אנליזות, איסוף נתונים בקליניקה, סקירה של כתב היד)

**להלן דוגמאות לנוסח המבוקש של רישום הפרסומים:**

1. Shilo M, Gruper R, Vladimir V, Bari M, Ben-Nathan E, Jefferson J. The effect of parity and gravidity on the outcome of preeclampsia.  
   Isr Med Assoc J. 2011 Oct;12:606-8.  
   IF:0.9, Rank: 80/132 (Medicine). Contribution: A, D

Narrative contribution: Conceived of the idea that parity might effect preeclampsia, wrote research protocol including IRB, drafted manuscript

1. Jefferson J, Dani S, Davis, A, Haefner F. Methotrexate inhibits the growth of human cervical carcinoma cell line. Gynecol Oncol 2006;99:726-729.IF:2.9, Rank: 12/69 (Gyn). S.H**.** -research student. Contribution: C, D

Narrative contribution: postdated effect of Methotrexate and sought collaboration analyzed data and revised manuscript

**Books**

(List all co-authors in the order they appear on the book, title of book, publisher, number of pages, and year)

1. **Hypothesis-driven clinical or basic research and**
2. **Clinical Descriptive Research** (e.g. retrospective studies)

A1 Feigin E, Seror D, Szold A, Carmon M, Allweis TM, **Nissan A**, Gross E, Vromen A, Freund HR.

Water-soluble contrast material has no therapeutic effect on postoperative small-bowel obstruction: results of a prospective, randomized clinical trial.

Am J Surg. 1996 Feb;171(2):227-9.

PubMed PMID: 8619455.

(SURGERY 58/200, IF 2.403, Q2)

**Times Cited: 55***(from Web of Science Core Collection)*

A2 **Nissan A**, Zhang JM, Lin Z, Haskel Y, Freund HR, Hanani M.

The contribution of inflammatory mediators and nitric oxide to lipopolysaccharide-induced intussusception in mice.

J Surg Res. 1997 Apr;69(1):205-7. PubMed PMID: 9202671.

(SURGERY 61/200, IF 2.198, Q2)

**Times Cited:**[**29**](http://apps.webofknowledge.com.rproxy.tau.ac.il/CitingArticles.do?product=WOS&SID=W2JxzEOQFxODPZuRft7&search_mode=CitingArticles&parentProduct=WOS&parentQid=6&parentDoc=1&REFID=16182357&excludeEventConfig=ExcludeIfFromNonInterProduct)*(from Web of Science Core Collection)*

A3 **Nissan A**, Mashriki Y, Zhang JM, Haskel Y, Freund HR, Hanani M.

Direct inhibitory effect of erythromycin on the gallbladder muscle.

J Gastrointest Surg. 1997 Jul-Aug;1(4):331-6.

PubMed PMID: 9834366.

(SURGERY 42/200, IF 2.807, Q1)

**Times Cited: 0***(from Web of Science Core Collection)*

A4 **Nissan A**, Zamir O, Spira RM, Seror D, Alweiss T, Beglaibter N, Eliakim R,

Rachmilewitz D, Freund HR.

A more liberal approach to the surgical treatment of Crohn's disease.

Am J Surg. 1997 Sep;174(3):339-41. PubMed PMID: 9324150.

(SURGERY 58/200, IF 2.403, Q2)

**Times Cited: 9***(from Web of Science Core Collection)*

A5 Greenstein RJ, **Nissan A**, Jaffin B.

Esophageal anatomy and function in laparoscopic gastric restrictive bariatric

surgery: implications for patient selection.

Obes Surg. 1998 Apr;8(2):199-206. PubMed PMID: 9730394.

(SURGERY 23/200, IF 3.346, Q1)

**Times Cited: 55***(from Web of Science Core Collection)*

A6 Lin Z, Cohen P, **Nissan A**, Allweis TM, Freund HR, Hanani M.

Bacterial wall lipopolysaccharide as a cause of intussusception in mice.

J Pediatr Gastroenterol Nutr. 1998 Sep;27(3):301-5. PubMed PMID: 9740201.

(PEDIATRICS 27/ 120, IF 2.4, Q1)

**Times Cited: 21***(from Web of Science Core Collection)*

A7 **Nissan A**, Maudlej N, Beglaibter N, Haskel Y, Freund HR, Hanani M.

A direct inhibitory effect of erythromycin on rat urinary bladder smooth muscle.

J Urol.1999 Mar;161(3):1006-9. PubMed PMID: 10022741.

(UROLOGY & NEPHROLOGY 8/77, IF 4.7, Q1)

**Times Cited: 8***(from Web of Science Core Collection)*

A8 **Nissan A**, Guillem JG, Paty PB, Wong WD, Cohen AM.

Signet-ring cell carcinoma of the colon and rectum: a matched control study.

Dis Colon Rectum. 1999 Sep;42(9):1176-80. PubMed PMID: 10496558.

(SURGERY 13/200, IF 3.739, Q1)

**Times Cited: 56***(from Web of Science Core Collection)*

A9 **Nissan A**, Cohen AM, Graham D, FitzGerald A.

Computer-based inpatient medical

record in colorectal surgery: pilot study.

Dis Colon Rectum. 2000 Feb;43(2):242-8. PubMed PMID: 10696899.

(SURGERY 13/200, IF 3.739, Q1)

**Times Cited: 0***(from Web of Science Core Collection)*

A10 Smith AJ, **Nissan A**, Lanouette NM, Shi W, Guillem JG, Wong WD, Thaler H,Cohen AM.

Prokinetic effect of erythromycin after colorectal surgery: randomized,

placebo-controlled, double-blind study.

Dis Colon Rectum. 2000 Mar;43(3):333-7.PubMed PMID: 10733114.

(SURGERY 13/200, IF 3.739, Q1)

**Times Cited: 53***(from Web of Science Core Collection)*

A11 **Nissan A**, Ziv E, Kidron M, Bar-On H, Friedman G, Hyam E, Eldor A. Intestinal absorption of low molecular weight heparin in animals and human subjects.

Haemostasis. 2000 Sep-Oct;30(5):225-32. PubMed PMID: 11251329.

(HEMATOLOGY 49/62, IF 1.00, Q4)

**Times Cited: 18***(from Web of Science Core Collection)*

A12 **Nissan A**, Guillem JG, Paty PB, Douglas Wong W, Minsky B, Saltz L, Cohen AM.

Abdominoperineal resection for rectal cancer at a specialty center.

Dis Colon Rectum. 2001 Jan;44(1):27-35;

discussion 35-6. PubMed PMID: 11805560.

(SURGERY 13/200, IF 3.739, Q1)

**Times Cited: 66***(from Web of Science Core Collection)*

A13 Stojadinovic A, Ghossein RA, Hoos A, **Nissan A**, Marshall D, Dudas M,

Cordon-Cardo C, Jaques DP, Brennan MF.

Adrenocortical carcinoma: clinical, morphologic, and molecular characterization.

J Clin Oncol. 2002 Feb 15;20(4):941-50. PubMed PMID: 11844815.

(ONCOLOGY 5/213, IF 20.982, Q1)

**Times Cited: 155***(from Web of Science Core Collection)*

A14 Spira RM, **Nissan A**, Zamir O, Cohen T, Fields SI, Freund HR.

Percutaneous transhepatic cholecystostomy and delayed laparoscopic cholecystectomy in critically ill patients with acute calculus cholecystitis.

Am J Surg. 2002 Jan;183(1):62-6. PubMed PMID: 11869705.

(SURGERY 58/200, IF 2.403, Q2)

**Times Cited: 89***(from Web of Science Core Collection)*

A15 **Nissan A**, Freund HR, Hanani M.

Direct inhibitory effect of erythromycin on human alimentary tract smooth muscle.

Am J Surg. 2002 Apr;183(4):413-8. PubMed PMID: 11975929.

(SURGERY 58/200, IF 2.403, Q2)

**Times Cited: 7***(from Web of Science Core Collection)*

A16 Stojadinovic A, Shoup M, Ghossein RA, **Nissan A**, Brennan MF, Shah JP, Shaha AR.

The role of operations for distantly metastatic well-differentiated thyroid carcinoma.

Surgery. 2002 Jun;131(6):636-43. PubMed PMID: 12075176.

(SURGERY 25/200, IF 3.309, Q1)

**Times Cited: 26***(from Web of Science Core Collection)*

A17 Shia J, Tickoo SK, Guillem JG, Qin J, **Nissan A**, Hoos A, Stojadinovic A, Ruo L, Wong WD, Paty PB, Weiser MR, Minsky BD, Klimstra DS.

Increased endocrine cells in treated rectal adenocarcinomas: apossible reflection of endocrinedifferentiation in tumor cells induced by chemotherapy and radiotherapy.

Am J Surg Pathol. 2002 Jul;26(7):863-72.

Erratum in: Am J Surg Pathol 2002 Sep;26(9):1241.

PubMed PMID: 12131153.

(SURGERY 9/200, IF 4.951, Q1)

**Times Cited: 32***(from Web of Science Core Collection)*

A18 Stojadinovic A, Shoup M, **Nissan A**, Ghossein RA, Shah JP, Brennan MF, Shaha AR.

Recurrent differentiated thyroid carcinoma: biological implications of age,method of detection, and site and extent of recurrence.

Ann Surg Oncol. 2002 Oct;9(8):789-98. PubMed PMID: 12374663

(SURGERY 16/200, IF 3.655, Q1)

**Times Cited: 14***(from Web of Science Core Collection)*

A19 Stojadinovic A, Shaha AR, Orlikoff RF, **Nissan A**, Kornak MF, Singh B, Boyle JO, Shah JP, Brennan MF, Kraus DH.

Prospective functional voice assessment in patients undergoing thyroid surgery.

Ann Surg. 2002 Dec;236(6):823-32. PubMed PMID: 12454521;

(SURGERY 1/200, IF 8.569, Q1)

**Times Cited: 113***(from Web of Science Core Collection)*

A20 Hoos A, **Nissan A**, Stojadinovic A, Shia J, Hedvat CV, Leung DH, Paty PB,Klimstra D, Cordon-Cardo C, Wong WD.

Tissue microarray molecular profiling of early, node-negative adenocarcinoma of the rectum: a comprehensive analysis.

Clin Cancer Res. 2002 Dec;8(12):3841-9.

PubMed PMID: 12473598.

\*equal contribution

(ONCOLOGY 12/213, IF 8.738, Q1)

**Times Cited: 68***(from Web of Science Core Collection)*

A21 Stojadinovic A, Hoos A, **Nissan A**, Dudas ME, Cordon-Cardo C, Shaha AR,Brennan MF, Singh B, Ghossein RA.

Parathyroid neoplasms: clinical, histopathological, and tissue microarray-based molecular analysis.

Hum Pathol. 2003 Jan;34(1):54-64. PubMed PMID: 12605367.

(PATHOLOGY 22/79, IF 2.791, Q2)

**Times Cited: 64***(from Web of Science Core Collection)*

A22 Shoup M, Stojadinovic A, **Nissan A**, Ghossein RA, Freedman S, Brennan MF, Shah JP, Shaha AR.

Prognostic indicators of outcomes in patients with distant metastases from differentiated thyroid carcinoma.

J Am Coll Surg. 2003 Aug;197(2):191-7. PubMed PMID: 12892796.

(SURGERY 10/200, IF 4.257, Q1)

**Times Cited: 118***(from Web of Science Core Collection)*

A23 Stojadinovic A, Brennan MF, Hoos A, Omeroglu A, Leung DH, Dudas ME, **Nissan A**, Cordon-Cardo C, Ghossein RA.

Adrenocortical adenoma and carcinoma: histopathological and molecular comparative analysis.

Mod Pathol. 2003 Aug;16(8):742-51. PubMed PMID: 12920217.

(PATHOLOGY 5/79, IF 5.485, Q1)

**Times Cited: 44***(from Web of Science Core Collection)*

A24 Shpitz B, Klein E, Buklan G, Neufeld D, **Nissan A**, Freund HR, Grankin M, Bernheim J.

Suppressive effect of aspirin on aberrant crypt foci in patients with colorectal cancer.

Gut. 2003 Nov;52(11):1598-601. PubMed PMID: 14570729

(GASTROENTEROLOGY & HEPATOLOGY 2/79, IF 14.921, Q1)

**Times Cited: 22***(from Web of Science Core Collection)*

A25 Seror D, **Nissan A**, Spira RM, Feigin E, Udassin R, Freund HR.

Comparison of bursting pressure of abdominal wall defects repaired by three conventional techniques.

Am Surg. 2003 Nov;69(11):978-80. PubMed PMID: 14627260

(SURGERY 160/200, IF 0.769, Q4)

**Times Cited: 4***(from Web of Science Core Collection)*

A26 Belzer V, **Nissan A**, Freund HR, Hanani M.

Coupling among interstitial cells of Cajal in the human ileum.

Neurogastroenterol Motil. 2004 Feb;16(1):75-80.

PubMed PMID: 14764207.

(CLINICAL NEUROLOGY 57/ 193, IF 3.31, Q2)

**Times Cited: 9***(from Web of Science Core Collection)*

A27 Bar-Shai A, Maayan C, Vromen A, Udassin R, **Nissan A**, Freund HR, Hanani M.

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dysautonomia patients.

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**Invited papers in scientific meetings**

E24 **Nissan A.** (2003)Preventive surgery of breast cancer. **Invited lecture**. ISSO meeting.

E25 **Nissan A.** (2005). Clinical breast examination. Erika Harel Memorial Cancer Prevention Meeting.

E26 **Nissan A.** (2005) Screening mammography under the age of 50. Erika Harel Memorial Cancer Prevention Meeting.

E28 **Nissan A.** (2006) Minimal residual disease as target for cancer vaccines. Research seminars in clinical oncology. University of Zurich.

E29 **Nissan A.** (2007) Minimal residual disease as target for immunotherapy. Department of Surgery, Walter Reed Army Medical Center, Washington DC. Grand Rounds.

E30 **Nissan A.** (2007) Molecular surgery. Biennial cancer symposium of the Israel Society of surgical oncology – ISSO. Caesarea, Israel.

E31 **Nissan A.** (2008) Updates on Randomized Trials for IP Therapy. In:° Mediterranean Course on Hyperthermia in Oncology: from Physics to Clinical Applications May 22nd - Friday May 23rd, 2008: Napoli, Italy.

E32 **Nissan A.** (2008) The development of a new HIPEC center. International symposium on peritoneal carcinomatosis, Regensburg, Germany. June 12-14, 2008.

E33 **Nissan A.** (2008) The academic surgeon: an endangered species? Metabolism of the surgical Patient. Leadership and mentorship in surgery: A tribute to Prof. Herbert R. Freund, Jerusalem, Israel.

E34 **Nissan A.** (2009) Colorectal cancer: problems and future directions in diagnosis, staging & follow-up. Bio Medical Photonics Consortium Annual Meeting. Haifa. Israel.

E35 **Nissan A.** (2009). Anti-CTLA-4: an emerging class of modulatory antibodies to overcome melanoma immune tolerance. Lecture was given at the 12th world congress on Cancers of the skin. Tel Aviv Israel.

E36 **Nissan A.** (2009), Peritoneum – High risk for peritoneal spread. World Congress for the advancement of surgery in Israel. Jerusalem, Israel.

E37 **Nissan A.** (2009) Treatment of peritoneal surface malignancies. Societa Italiana di Chirugia Oncologica Workshop of Surgical Oncology and Integrated Treatments. Rome, Italy.

E38 **Nissan A.** (2009) Ideal study on multimodality approach for peritoneal carcinomatosis. International symposium on peritoneal carcinomatosis, Regensburg, Germany.

E39 **Nissan A.** (2009) Non-coding RNAs in tumorogenesis: Key players or innocent bystanders. Grand rounds, Walter Reed Army Medical Center, and Armed forces Institute of Pathology. Washington D.C., USA. Research seminars in clinical oncology. University of Zurich, Zurich, Switzerland.

E40 Garofalo, A., **Nissan A,** Moreno-Gonzales, S., Glehen, O. ( 2010) EUNE trial of prevention of peritoneal carcinomatosis of gastric origin. 7th International Workshop on Peritoneal Surface Malignancy. Uppsala, Sweden.

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E42 **Nissan A.** (2010) The Gastromics Consortium. Societa Italiana di Chirugia Oncologica Workshop of Surgical Oncology and Integrated Treatments. Rome, Italy.

E43 **Nissan A.** (2011) Colorectal cancer-2011: Where are we now and how we can improve ? 3rd congress for the advancement of surgery in Israel (WCASI), November 2011, Jerusalem. Israel.

E44 **Nissan A.** (2011) In-vivo real time imaging in surgical oncology. 27th meeting of the Israeli Surgical Association, Jerusalem,Israel.

E45 **Nissan A.** (2011) Current Considerations for Surgical Therapy in Breast Cancer. Community Medicine conference (Clalit), Ramat-Gan, Israel.

E46 **Nissan A.** (2011) Current Considerations for Surgical Therapy in Colorectal Cancer. Community Medicine conference (Clalit), Ramat-Gan, Israel.

E47 **Nissan A.** (2012) Can improved lymphatic staging have an impact on survival in colon cancer patients? New Trends in Management of Colorectal Cancer: the 1st San Raffaele Meeting. Milan, Italy.

E48 **Nissan A.** (2012) Carcinomatosis, Prevention and treatment of Colorectal Cancer-state of the Art 2012. Falk Symposium 182, Munich, Germany.

E49 **Nissan A.** (2013) Risk assessment with genomic tools in early stage colon cancer. International Society of Surgery (ISS) meeting in cooperation with the Finnish Society of Surgery (FSS), Helsinki, Finland

E50 **Nissan A.** (2013) Ultra-staging of Colorectal Cancer. The 4th World Congress for the Advancement of Surgery (WCAS), Tel Aviv, Israel.

E51 **Nissan A.** (2013) Network models for survival in surgical oncology. 10th International Gastric Cancer congress, IGCC 2013, Verona, Italy.

E52 **Nissan A.** (2013) Tumor biomarkers in cancer detection and treatment with special focus on colorectal cancer. Thai-Israeli Academic Medical Collaboration. Recent advancements in cancer diagnosis and treatment 2013. Bangkok, Thailand.

E53 **Nissan A.** (2014) peritoneal surface malignancies: past, present, and future. 131st Deutsche Gesellschaft fur Chirurgie (DGCH) Meeting, Berlin, Germany.

E54 **Nissan A.** (2015) peritoneal surface malignancies: past, present, and future. World Congress of Surgery (WCAS), Tel Aviv, Israel.

E55 **Nissan A.** (2015) Complex Gastro-Intestinal Surgery. Oncology Club of Jerusalem, Augusta Victoria Hospital, Jerusalem, Israel.

E56 **Nissan A.** (2016) How to start a new center for peritoneal surface malignancies. ESSO advanced course on the management of peritoneal surface malignancies. Hamburg, Germany.

E57 **Nissan A.** (2016) Cytoreductive Surgery and HIPEC-an overview. Asian Society of Clinical Oncology Meeting (ACOS), New Delhi, India.

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E61 **Nissan A.** (2016) Cytoreductive Surgery and HIPEC-Diffuse Malignant Peritoneal Mesothelioma. Asian Society of Clinical Oncology (ACOS) Meeting, New Delhi, India.

E62 **Nissan A.** (2016) Cytoreductive Surgery and HIPEC: past, present, and future. Surgical Oncology Symposium, Heraklion University Hospital, Herkalion, Greece.

E63 **Nissan A.** (2016) Cytoreductive Surgery and HIPEC in colorectal cancer, Indian Association of Surgical Oncology Meeting, Jodhpur, India.

E64 **Nissan A.** (2016) KEYNOTE LECTURE: Dr. R. S. Rao Endowment Lecture: Cytoreductive Surgery and going global, Indian Association of Surgical Oncology Meeting, Jodhpur, India.

E65 **Nissan A.** (2017) Cytoreductive Surgery and HIPEC in colorectal cancer-case presentations and tumor board. ESSO advanced course on the management of peritoneal surface malignancies. Hamburg, Germany.

E66 **Nissan A.** (2017) Lymphadenectomy for GI Cancer- Novel Indications and Prognostic Implications. Trnaslational Research Perspectives in GI-Oncology. Tel Aviv, Israel.

E67 **Nissan A.** (2017) What’s New in Surgical Oncology, Bi Annual Meeting of The Israeli Surgical Association. Kfar Blum, Israel.

1. **Book Chapters**

F1 **Nissan A**PI and Karrpeh, M.PI (2004).

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In: Fielding JWL, Hallissey MT. (editors).

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Carcinomatosis: Cytoreduction and heated intraperitoneal chemotherapy.

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## Rubinstein, A., Azab, A.K., Orkin, B., Nissan, A., Haupt, S., Srebnik, M., Udassin R. (2007) (WO/2007/052267) Biodegradable composite for internal local radiotherapy.

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1. **Nissan, A**., Mitrani-Rosenbaum, S, Halle D., Ilyayev, N Early detection and staging of colorectal cancer using a panel of micro RNAs(2010) WO 2010/058393 20100527 - Application No. PCT/IL2011/000310.
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## Abstracts:

1. **Nissan A**, Hanani, M., Mashriki, Y., Zhang, J.M., Haskel, Y. and Freund, H.R. (1995). Erythromycin directly inhibits contractions of human and guinea-pig gallbladder muscles. Presented at the 2nd International conference on Gallstones: Causes and Management. Tel Aviv, Israel.
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40. Cohen, T., Pruss, D., Pinto, M., Peretz, T., Freund, H.R. and **Nissan A.** (2005). Expression of molecular markers in colorectal cancer: a tissue micro-array. Presented at the 24th Conference of the Israel Surgical Association, Israel.
41. **Nissan A,** Samet, Y., Allweis, T., Prus, D., Zamir, O., Cohen, T., Haskel, Y., Klein, M., Freund, H. (2005). The role of frozen section and enhanced pathological examination of sentinel lymph node in breast cancer: our experience in 420 patients. Presented at the 24th Conference of the Israel Surgical Association, Israel.
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49. Mazeh, H., Abu-Wassal, B., Badriyah, M., Beglaibter, N., Samet, Y., Zamir, O., Haskel,Y., Freund, H.R. and **Nissan A**. (2007). Application of a novel severity grading system for complications following colorectal resection. Gastroenterology. 132 4 A859-A860. Presented at the Digestive Disease Week Meeting/ASGE Postgraduate Course Meeting.
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61. **Nissan A** , Cohen, T., Grinbaum, R., Mitrani-Rosenbaum, S., Abu-Sini, R., Roycetacher, M., Pavlov, V., Bochum, A., Freund, H.R., Halle, D., Peretz, T. and Riter, G. (2009). Colon cancer associated Transcript 1-(CCAT-1): a new molecular marker for colon cancer. Presented at The 26th Bi-Annual Meeting of the Israel Surgical Association. Kfar Blum, Israel.
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63. Samet, Y., Mitrani-Rosenbaum, S., Roycetacher, M., Peretz, T. Freund, H.R., Riter, G. Old, L., Gure, A.O. and **Nissan A.** (2009). A novel molecular stool assay for the detection of colorectal cancer. Presented at The 26th Bi-Annual Meeting of the Israel Surgical Association. Kfar Blum, Israel.
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67. Summers, T.A., Clifton, G.T., Gates, J.D., Dobson, L., Horkaye-Szakely, I., Shaw, J.C., **Nissan A.**, Sandberg, G.D., Pioples, G.E. and Stojadinovic, A. (2009). Assessment of immunohistochemical protein expression in tissue microarrays using virtual microscopic image analysis.
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77. Shachar Y., Adileh M., Keidar A., Eid L., Hubert A., Temper A., Azam S., Beny A., Gridneger T., Khlaila A., **Nissan A**. (2014) Management of inguinal involvement of peritoneal surface malignancies by cytoreduction with inguinal perfusion. Presented at the Biennial Cancer Symposium of the Israel Society of surgical Oncology – ISSO. Caesarea, Israel. (poster)
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79. Adileh M, Marom G, Hamburger T, Abu-ghazala M, Keidar A, Eid L, Hidri T, Alayan B, Hubert A, Temper M, Azam S, Beny a, Grenader T, Albogen L, Chinchuk A, Ben-Yaacov A, **Nissan A.** (2014)Long term results of patients treated by cytoreductive surgery+HIPEC for peritoneal metastasis of colorectal origin. Presented at the 9th International Congress on Peritoneal Surface Malignancies-PSOGI meeting, Amsterdam, The Netherlands. (poster)
80. Bilchik AJ, Wainberg ZA, Salmon DJ, Chen H, Stojadinovic A, Protic M,**Nissan A**. (2014) Value of primary tumor gene signature in colon cancer when national quality standards are adhered to: phreliminary results of an international prospective multicenter trial. Presented at the 67t Annual Cancer Symposium of the Society of Surgical Oncology. Phoenix, AZ, USA.
81. **Nissan A,** Akaishi E. Adileh M, Glehen M, Elias D, Morris D, Sugarbaker P and the PSOGI investigators. (2015) Cytoreductive Surgery and HIPEC for patients with hepatocellular carcinoma. Presented at the 10th International Symposium on Regional Cancer Therapies. Clearwater, Florida, USA.
82. Dux J, Rayman S, Zendel A, Segev L, Hofman A, Adileh M, Marom G, Ben-Yaacov A, Aderka D, Shmueli E, Beny A, Hubert A, Grenader T, Brenner B, Purim O, Gutman M, Ventorerro M, **Nissan A**. (2016) Cytoreductive surgery and Hyperthermic IP chemotherapy (HIPEC) for the treatment of peritoneal surface malignancies in the elderly. Presented at the 36th meeting of the European Society of Surgical Oncology (ESSO), Krakow, Poland.
83. Dux J, Shachar Y, Adileh M, Hofman A, **Nissan A**. (2016) Surgical scars form primary operation for intra-abdominal malignancies revisited during secondary cytoreductive surgery for recurrent peritoneal disease. Presented at the 36th meeting of the European Society of Surgical Oncology (ESSO), Krakow, Poland.
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85. Ben-Yaacov A, Dux J, Zendel A, Zippel D, Venturero M, **Nissan A**. Continuous Evolution in Complex Surgical Procedures: Lessons Learned from a Peritoneal Surface Malignancy Center. (2017) Presented at the 69th Annual Cancer Symposium of the Society of Surgical Oncology. Seattle, WA, USA. (poster)
86. Zendel A, Dux J, Ben-Yaacov A, Goldenshluger M, Ariche A, **Nissan A**. Perioperative and Long-term Results of Cytoreductive Surgery with Hyperthermic Intraperitoneal Chemotherapy and Synchronous Liver Metastases Resection.(2017) Presented at the 69th Annual Cancer Symposium of the Society of Surgical Oncology. Seattle, WA, USA. (poster)
87. Goldenshluger M, Ben-Yaacov A, Dux J, Yalon T, Gurevitz V, Zippel D, Venturero M, **Nissan A**. (2017) Intra-abdominal pressure during closed system HIPEC and post-`operative outcomes. Presented at the 12th International Symposium on Regional Cancer Therapies. Clearwater, UT, USA
88. Ben-Yaacov A, Bilik A, Dux J, Shapiro R, Kaplun T,Schtrechman G, **Nissan A**. (2017)

A learning curve or continuous evolution in complex surgical procedures: lessons learned from a peritoneal surface malignancy center. Presented at the Bi-annual Meeting of the Israeli Surgical Association, Kfar Blum, Israel.

1. Goren S, Ben-Yaacov A, Kaplun T,Yalon Y, Schtrechman G, Aderka D, Shmueli E, Halpern N, Margalit O, Shapiro R, **Nissan A**. (2017) Repeated cytoreductive surgery with hyperthermic intraperitoneal chemotherapy-our experience. Presented at the Bi-annual Meeting of the Israeli Surgical Association, Kfar Blum, Israel.
2. Attali R, Ilyayev N, Grinbaum R, Westrich G, Shapiro R, Schtrechman G, Speter C, Stavropoulos AV, Roistacher M, Pavlov V, Protic M, Gure AO, Bilchik AJ, Stojadinovic A, Halle D, Mitrani-RosenbaumS, **Nissan A**. (2017) Early detection and staging of colorectal cancer using a panel of microRNAs. Presented at the Bi-annual Meeting of the Israeli Surgical Association, Kfar Blum, Israel.
3. Mor E, Dux J, Schetrechman G, Ben-Yaacov A, Kaplun T, Shapiro R, **Nissan A**. (2017) Post-Operative Femoral Neuropathy in Patients Undergoing Cytoreduction Surgery and HIPEC. Presented at the Bi-annual Meeting of the Israeli Surgical Association, Kfar Blum, Israel.
4. Attali R, Dori A, Pavlov V, Rubinstein A, Yavin E, **Nissan A**. (2017) Intra-operative real-time identification of peritoneal micro-metastases by remote degrading composite platforms of targeted polymer and fluorescent Peptide Nucleic Acids (PNA). Presented at the Bi-annual Meeting of the Israeli Surgical Association, Kfar Blum, Israel.

**IRB Protocols/Clinical Trials**

1. **Nissan A. (PI)** Electrical Impedance Scanning of Thyroid Nodules Prior to Thyroid Surgery: A Prospective Study. Hadassah University Hospital Mount Scopus, Jerusalem, Israel, IRB approved. (2002- 2006).
2. **Nissan A. (PI)** Electrical impedance imaging for the early detection of breast cancer in young women. Hadassah University Hospital Mount Scopus, Jerusalem, Israel, IRB approved. (2002 -2006).
3. **Nissan A. (PI)** A Prospective randomized study comparing sentinel lymph node (sln) evaluation with standard pathological evaluation for the staging of colon carcinoma. (2003 -2006 )
4. **Nissan A. (PI)** Molecular phenotyping of sentinel lymph nodes, bone marrow and peripheral blood in breast cancer patients. (2006-2009)
5. **Nissan A. (PI)** Biological relevance of sentinel lymph node micrometastasis in patients with colon carcinoma. ( 2003 -2009)
6. **Nissan A. (PI)** Laparoscopic vs. open incisional hernia repair: a prospective randomized clinical trial. IRB approved (2003-2004)
7. **Nissan A. (PI)** Identification of molecular targets for vaccine therapy in cancer patients. (2002-2009)
8. **Nissan A. (PI)** Over-expression of ion channels in malignant neoplasms (2004-2009).
9. **Nissan A. (PI)** Prospective randomized trial of wire versus radioactive isotope localization for occult breast lesions (2004-2007).
10. **Nissan A. (PI)** A Randomized phase ii study to determine potential predictive markers of response to MDX-010 (BMS-734016) in patients with unresectable stage iii or iv malignant melanoma BMS protocol CA184-004. (2006-2008).
11. **Nissan A. (PI)** Protocol CA184024: A multi-center, randomized, double-blind, two-arm, phase III study in patients with untreated stage III (unresectable) or IV melanoma receiving Dacarbazine plus 10 mg/kg of Ipilimumab (MDX-010) vs. Dacarbazine with placebo.BMS prortocol CA184024. (2006-2008).
12. **Nissan A. (PI)** Intratumoral injection of immature dendritic cells following radiofrequency ablation of liver metastasis of epithelial malignancies (2006-2008).
13. **Nissan A. (CO)** A phase I, open-label, dose-escalation, multiple dose study of the safety, tolerability, and immune response of CRS-207 in adult subjects with selected advanced solid tumors who have failed or who are not candidates for standard treatment. (2007-2009)
14. **Nissan A. (PI)** Identification of minimal residual disease in blood and lymph nodes of colon cancer, melanoma and breast cancer patients (2006-2009)
15. **Nissan A. (PI)** Anti-glycan antibodies for diagnosis of Crohn's disease: a feasibility study (2007-2008)
16. **Nissan A. (PI)** Development of a novel assay of fecal micro RNA for early detection of colon cancer (2006-2009).
17. **Nissan A. (PI)** Lectins for diagnosis of colorectal cancer feasibility study (2008)
18. **Nissan A. (PI)** Proteomic analysis of malignant and pre-malignant tissues of colonic origin (2008-2009)
19. **Nissan A. (PI)** Radical resection and intraoperative hyperthermic chimoperfusion in gastric carcinoma patients at high risk of peritoneal recurrence. Randomized multicentric phase III study (2009-2010)
20. **Nissan A. (PI)** A phase III trial comparing FOLFOX6 + Bevacizumab or best available systemic therapy to cytoreduction + hyperthermic intraperitoneal mitomycin C + FOLFOX6 + Bevacizumab or best available systemic therapy in patients with limited peritoneal dissemination of colon adenocarcinoma (2009-2011).
21. **Nissan A. (PI)** Transferrin as a luminal target for negatively-charged liposomes in the inflamed colonic mucosa (2008-2009)
22. **Nissan A. (PI)** Ultrastaging of early colon cancer (UECC 0107) (2009-2012)
23. **Nissan A. (PI)** Quality of life following treatment of colorectal cancer (2009-2011)
24. **Nissan A. (PI)** Development of a micrRNA based molecular serum and FNA assay for the detection of thyroid cancer (2009-2013)
25. **Nissan A. (PI)** Prospective randomized trial of standard wound care versus standard wound plus shock wave therapy for traumatic wounds of the extremity (2009-2013)
26. **Nissan A. (PI)** Ex-vivo real-time molecular imaging of colonic tumors (2009-2013)
27. **Nissan A. (PI)** Analysis of ICG and FITC labeled-polymer binding with human colonic tissues (2009-2012)
28. **Nissan A. (PI)** Development of imaging technology based on fluorescent nano-particles targeting the ECF receptor for diagnosis of colorectal cancer: feasibility study (2009-2012)
29. **Nissan A. (PI)** Inhibition of mucous secretion in pseudmyxoma peritonei using vitamin D. (2013-2016)
30. **Nissan A. (PI)** Ultrastaging of early colon cancer – 2nd trial (2013-2018)
31. **Nissan A. (PI)** Ex-vivo real-time molecular imaging of colonic tumors and peritoneal metastasis (2014-2023)
32. **Nissan A. (PI)** Variations in microbiome between subtypes of colon cancer (2016-2018)
33. **Nissan A. (PI)** Prediction of clinical outcomes following surgery using structured peri-operative electronic medical record data (2018-2021)
34. **Nissan A. (PI)** Pressurized intraperitoneal aerosol chemotherapy (PIPAC) for palliation or down-staging of peritoneal surface malignancies: a registry trial (2018-2023)
35. **Nissan A. (PI)** Assessment of perioperative reduction of inflammation and adrenergic signaling on pro-metastatic indices in pancreatic cancer patients undergoing curative surgery for the removal of a primary tumor (2018-2023)
36. **Nissan A. (PI)** Evaluation of a Pioneering Artificial Intelligence Heat Diffusion Imaging Technology for Detection of Primary and Secondary Malignant Lesions In the Abdominal Cavity Intra-Operatively (2019-2022)
37. **Nissan A. (PI)** Using machine learning algorithm in order to predict postoperative anastomotic leakage complication (2019-2022)
38. **Nissan A. (PI)** Use of patient derived organoids to match and predict responses to chemotherapy in metastatic colorectal cancer patient samples (2018-2023)
39. **Nissan A. (PI)** Phase 1/2 Study Evaluating Safety and Potential Efficacy of Allocetra-OTS via Pressurized Intra-Peritoneal Aerosol Chemotherapy as add-on to Standard of Care Chemotherapy for Treatment of Peritoneal Metastasis (2022-)
40. **Nissan A. (PI)** The Ability of Thermal (Infra-Red) Imaging to Identify inflammation and Infection (2022-)
41. Safety and feasibility of percutaneous application of GentaGel® into intra-abdominal abscesses: a Phase 1 Open-label clinical trial (2022-)
42. **פרופיל אקדמי:** (התייחסות לתחומי מחקר בלבד ולתרומת המועמד בתחום מחקר. חדשנות רפואית או חדשנות בחינוך רפואי יש לציין במסמכי ההערכה העצמית הנפרדים(

תחומי מחקר והישגים עיקריים

ההישגים המשמעותיים ביותר

יעדים לעתיד

1. **חיוניות לפקולטה**: ימולא על ידי הדיקן (בהוראה, במחקר, בעבודת צוות וכו')

תאריך: חתימת הדיקן:\_\_\_\_\_\_\_\_\_\_