

INSIDE Medicine

The Newsletter of the Department of Medicine

A Message from the Chair, Steve Abramson

The Quiet Revolution in Biomedical Science

Led by Glenn Fishman, our annual Research Retreat was a resounding success, drawing a record-breaking 280 attendees and featuring over 200 poster presentations. This exceptional turnout reflects the high level of engagement and enthusiasm shared by both faculty and trainees. Such enthusiasm stems in part from the department's remarkable investigators whose shared passion for discovery is truly infectious. But something more profound was evident at the retreat: a recognition that we are amidst an exciting revolution in biomedical science that is rapidly removing silos across disciplines. This new era is one of data-driven medicine, where the analysis of massive datasets will revolutionize our understanding of disease and guide the development of new therapies. Access to and analyses of big data, biorepositories, coupled with the power of multi-omics, machine learning, and AI is shattering silos, providing aggregate information that can be queried by investigators across disciplines. Novel technologies such as whole genome sequencing, single cell-analyses, mRNA technologies and advanced imaging techniques similarly enhance capacities for discovery and future treatment for the many diseases that we study. Thus, quietly but relentlessly, a revolution in biomedical science is gaining momentum. The excitement observed at the Research Retreat becomes palpable as disciplines converge, ushering in a new era of data-driven medicine.

Department of Medicine Hosts 21st Annual Research Day at NYU – Washington Square



21st Annual Medicine Research Day at Rosenthal Pavilion at the NYU Kimmel Center, Washington Square

The Department of Medicine held its 21st Annual Research Day, led by Glenn I. Fishman, MD, and team, on May 30th in the Rosenthal Pavilion at the NYU Kimmel Center, Washington Square. The all-day event showcased the latest research innovations by Medicine faculty, residents, fellows, and students.

The annual Symposium featured a Keynote Lecture by Kathryn Moore, PhD, on the topic of Cardio-Oncology, eight faculty talks, including two new recruits to the department, Drs. Michal Melamed and Marcus Goncalves, as well as a “lightning round” with 7 ultra-short talks selected from top-ranked abstract submissions and 200 poster presentations. More than 280 people attended the event – a record-breaking crowd. The poster presentations were divided into two sessions, providing attendees ample opportunity to explore the diverse array of research topics.

A highlight of the event was the Excellence in Research Award presentation ceremony, which recognized outstanding posters and their authors for their significant contributions to medical research. Awards were presented for best poster at each level of training and in each category of investigation.

Award recipients included:

Suptik Barua, PhD: *Best Poster & Best Data Sciences Poster*

Jose Gabriel Barcia Duran, PhD: *Best Basic Sciences Poster*

Elizabeth Hillier: *Best Education Sciences Poster*

Leah Kim: *Best Clinical Sciences Poster*

Matthew Lam, MD: *Best Poster*

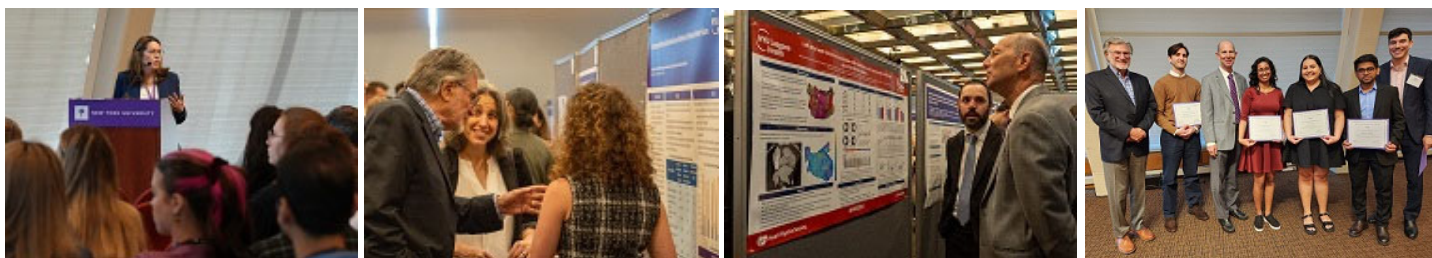
Sneha Mehta: *Best Poster*

William Small, MD: *Best Poster*

Sabrina Solis: Best Poster & Best Translational Sciences Poster

Dhairya Upadhyay: Best Translational Sciences Poster

“We want to congratulate our awardees and thank everyone who contributed their time and expertise – including our invited speakers, poster authors, and faculty mentors, staff, and attendees—in making this year’s Medicine Research Day a success and continuing to advance our research mission across the Department of Medicine. The breadth of research in the Department is truly remarkable,” said Dr. Fishman.



[View the Full Gallery of Event Photos](#)

Incoming Chief Residents Inducted



Incoming 2024-25 Chief Residents, First row: Drs. Margaret Horlick, Sharon Klein, Shawn Wen, Navina Mohan, Jenny Yang, Terry Li, Jahnavi Udaikumar - Second row: Drs. Amber Whitley, Jacqueline Wang, Maaz Ahsan, Sharnendra Sidhu, Kathryn Havranek, Ehab Abaza, Steven B. Abramson

On Tuesday, May 28th, the Internal Medicine Residency Program held its annual event to recognize the achievements of the Class of 2024 Chief Residents and to induct the Class of 2025 Chief Residents. Department Chair Steven B. Abramson, MD, and Program Director Margaret Horlick, MD, extended their sincere thanks to outgoing Chief Residents Drs. Ken Brill, David DiTullio, Tony Fugere, Dena Hayes, Gustavo Hernandez, Rebecca Kogan, Matthew Lam, Tony Li-Geng, Gaby Mayer, David Morales, Abhinay Ramachandran, Constantine Tarabanis, and Sigrid Young for their hard work, dedication, and impactful contributions to the Residency Program and Department over the past year. Dr. Abramson and Dr. Horlick presided over the induction of the incoming Chief Residents and wished them success as they embark on a new academic year ahead in their new roles.

Intern & Resident Career Mentorship Event Series



Division directors, faculty, interns, and PGY2 residents discuss career opportunities within Medicine

The Department of Medicine’s Intern & Resident Career Mentorship Event Series, held on May 1 and May 15 at Tisch Hospital, was a great success with more than 120 faculty mentors, interns, and residents attending. Led by Margaret Horlick, MD, Director of the Internal Medicine Residency Program, and Mark B. Pochapin, MD, Vice Chair of Clinical Affairs, these events were designed to bring together Division Directors and other faculty members at various stages in their career to provide interns and PGY2 residents with a comprehensive view of the numerous and diverse career paths available within Medicine. Each session began with Division Directors and faculty discussing their subspecialty areas and offering insights into a typical day in their lives. Interns and residents then had the chance to visit different Division tables, engage with faculty, and gain deeper insights into their respective subspecialties.

Feedback highlights from intern & resident attendees included:

This event was a welcome gathering of all of medicine and its subspecialties in an informal setting. It was an excellent opportunity to network with busy faculty and to learn more about what they are doing in various subspecialty areas of interest as well as in collaboration with other divisions such as Precision Medicine.

– Jannis Brea, MD

I enjoyed hearing various physicians' stories of how they got where they are, acknowledging both the role of serendipity at times as well as the broad range of opportunities afforded as faculty at a place like NYU Langone. Though I spent most of my time at the Cardiology interest table, I was also able to learn about Precision Medicine and how they are addressing questions in Cardiology, as well as more about academic medicine at the Hospital Medicine table. Overall, my biggest takeaway was how easily we can become siloed in one area of interest, and how enjoyable it was to spend time getting to know other divisions and subspecialty areas.

– Aaron Rhee, MD

As an intern who entered residency undecided, I found this event invaluable for gaining insight into the cultures of different departments. It provided a relaxed atmosphere to network and engage with department heads and highly esteemed faculty members in their respective fields. Faculty members shared their experiences, expectations, and the unique aspects of their specialties, as well as what selection committees typically look for in candidates. They also offered insights into the long-term career prospects and lifestyle implications of various specialties.

– Carolyn Wilson, MD



Division directors and other faculty share their expertise and insights with the interns and residents

[View the Full Gallery of Event Photos](#)

Role of Hope in Medicine

Featured at Inaugural TEDxNYU Langone Health Event



Mark Pochapin, MD, at the TEDxNYU Langone Health

This June, Dean Robert I. Grossman, MD, and Associate Dean of Translational Science, Miriam A. Bredella, MD, MBA, introduced the very first TEDxNYU Langone Health event, organized by the Clinical & Translational Science Institute. The collaboration, entitled “Beyond Boundaries: Innovating for a Healthier Tomorrow,” featured 10-minute inspirational talks from a diverse panel of speakers consisting of NYU Langone clinicians, researchers, educators, staff members, and patients. Mark B. Pochapin, MD, Vice Chair of Clinical Affairs, represented the Department of Medicine with his talk entitled “The Healing Power of Hope.”

In drawing on his 30-plus years of caring for patients and teaching medical students via his “Day ‘O Patients” class, which incorporates patients as “our best teachers,” Dr. Pochapin recounted how his patients inevitably remark on a common theme – the importance of hope. According to Dr. Pochapin, no doctor should ever tell a patient “there is nothing more we can do for you.” Whether through curative treatment options, clinical trials, potential breakthroughs in research, interventions to elevate quality of life, or effective palliative and comfort care at the end of life, there is always hope and there is always something we, as dedicated healthcare professionals, can do to foster hope and healing.

Additional TEDxNYU Langone Health speakers included Omni Cassidy, PhD; Laura Gould, MSc, MA, PT; Leigh Johnson, MPH; Matthew Kasabian, MPA; Bob Montgomery, MD, PhD; Michael Pacold, MD, PhD; and Alan Schlechter, MD.

The Historian Is In The Age of RNA

In the world of science, the first half of the 20th century was dominated by stunning breakthroughs in physics, such as Einstein’s theory of relativity, the Big Bang, black holes, and advances in atomic energy

capable of powering great cities—or destroying them. But the second half saw the spotlight shift toward biology, starting with the discovery of the molecular structure of DNA by James Watson and Francis Crick in 1953 and ending with the Human Genome Project in the 1990s, which sequenced the genetic material that makes up a living organism.

The 21st century has continued this focus, with one major difference, says Thomas Cech, a Nobel Prize-winning chemist, in his superb new book, *The Catalyst*. “During the age of DNA,” he writes, “RNA was mostly overlooked by the general public.” Yes, textbooks briefly described “how RNA was copied from the double helix and how messenger RNA worked to transmit DNA’s code to instruct the synthesis of proteins.” But RNA was seen as a bit player, a kind of “biochemical backup singer, slaving away in the shadow of the diva.”

In fact, the reverse is true, Cech insists. Describing DNA as a “one-trick pony” whose single function, central to life, is to store genetic information, he emphasizes the multiple roles played by RNA. “It can act as an enzyme, splicing and dicing other RNA molecules or assembling proteins—the stuff of which all life is built—from amino acid building blocks. It keeps stem cells active and forestalls the aging process by building out the DNA at the end of our chromosomes. By guiding the gene-editing machinery of CRISPR, it empowers us to rewrite the code of life.”

While laboratory studies of RNA also took shape in the 1950s, they were seen as “curiosity-driven research,” as opposed to “disease-driven research,” Cech explains, and therefore unworthy of serious funding. But that changed as it became apparent that RNA contained the genetic material of some of the world’s deadliest viruses as well as the ability to defend against them through messenger RNA (mRNA) vaccines. Since 2000, he adds, RNA-related research has led to eleven Nobel Prizes, a quadrupling in the number of patents and scientific journal articles, and billions of dollars in private equity money. Given the amazing success of the mRNA Covid-19 vaccines produced by Pfizer and Moderna—not to mention the extraordinary speed at which they were developed and manufactured—RNA’s potential as a life-saving molecule, functional as well as informational, is no longer in doubt. Pharmaceutical companies are now targeting mRNA therapies for melanoma, cystic fibrosis, and Crohn’s Disease, to name a few, and plans for developing a single mRNA platform in which specific proteins can be added to stimulate the immune system or to replace a mutated protein are already in the works.

“While DNA may have dominated biology research in the past,” Cech insists, “RNA has clearly become the focus of the future. The twenty-first century is already standing out as the age of RNA—and this century still has a long way to go.”



David M. Oshinsky, PhD
Professor, Department of Medicine
Director, Division of Medical Humanities

Innovations in Medicine: Conversations with Our Expert Faculty



Milna R. Rufin, MD
Clinical Assistant Professor, Department of Medicine
Site Director, NYU Langone Internal Medicine Associates
for the Internal Medicine Residency Program
Director, Medical Student Summer Research Fellowship
Program
Director, Medical Student Engagement

The Department of Medicine has launched a new Summer Research Fellowship for first-year medical students, under the leadership of Milna R. Rufin, MD, and Adam H. Skolnick, MD. The program offers an enriched experience for first-year medical students to engage in research projects early in their medical education. Dr. Rufin and Dr. Skolnick have curated a diverse program that includes didactic seminars, personalized clinical experiences, and invaluable networking opportunities with Medicine house staff, faculty, and leadership. Their vision is to showcase the Department of Medicine's vast array of career opportunities while nurturing meaningful mentorship connections to support and guide students throughout their training. In a recent interview, Dr. Rufin provided her vision and thoughts on the new program.

The Need for the Fellowship

What inspired the creation of this new summer fellowship for our medical students?

Our medical school is a pioneer in creating a three-year curriculum, and with this accelerated timeline, the Department of Medicine is prioritizing the need to offer students early exposure to Internal Medicine. Research is an especially important avenue for exploring interests within Medicine, and through this new fellowship, we want to help foster intellectual curiosity among the next generation of innovators and leaders in Internal Medicine. Building on the outstanding foundation from the 2023 student summer research pilot program led by Drs. Jennifer Whealdon and Michael Pillinger, the 2024 fellowship provides students with a unique opportunity to think creatively and analytically about Medicine immediately after completing their first year, sparking an early interest in the vast opportunities within our great field.

Selection and Participation

How are students selected for this fellowship, and how many participants are expected?

Students are matched with a faculty mentor with a specific research project assignment. This year, we are honored to welcome 18 fellowship students. During the fellowship, students will be able to explore a research question, and will ultimately be able to present a final project at our Summer Research Fellowship Symposium Poster Session. This experience will no doubt provide our students with important skills that will help propel their medical careers forward.

Vision for the Fellowship

What is your vision for the future of this fellowship?

I envision the fellowship as a platform for students to discover the unending opportunities within Internal Medicine. Through this fellowship, I want to help create multiple touch points for our students, where they can start to imagine a real career for themselves in Medicine. Whether that is by witnessing the excitement of answering a research question with their mentor, or seeing the joy of reaching a clinical diagnosis during a simulation session, or experiencing the collegial bonds that form among house staff and fellows during a networking luncheon, I hope the students can start to really picture themselves as a future member of our vibrant community of internists, and that they will take the passion for discovery and innovation with them in all that they do.

Faculty Participation

Which other faculty members will be involved in the fellowship, and what will their roles be?

Dr. Adam Skolnick and I lead the fellowship, with support from faculty members within many divisions of the Department of Medicine community at NYUGSOM. Our roles include mentoring, organizing seminars, and facilitating simulation sessions. Dr. Skolnick, a renowned cardiologist and Associate Director of the SRF program, brings his expertise in echocardiography, clinical care, and medical education. His passion for teaching and ability to engage students will surely enrich our program, providing robust mentorship and inspiration for these future physicians.

Daily Fellowship Experience

What will a typical day look like for the students?

From June 3 to July 12, students will engage in one-on-one research with their mentors, attend weekly seminars on professional development, participate in simulation sessions, and meet with departmental leaders, faculty, and house staff. They will also have shadowing opportunities tailored to their specific interests, offering a comprehensive view of all that Internal Medicine has to offer.

Takeaways from the Fellowship

What do you hope students will gain from participating in this fellowship?

Students will gain hands-on skills to use during their clerkships, develop research projects that enhance their academic potential, and establish connections with mentors who can guide them throughout their careers. This fellowship aims to help students see themselves in the roles of the professionals they meet, fostering a sense of belonging within the field of Internal Medicine.

Leadership and Contribution

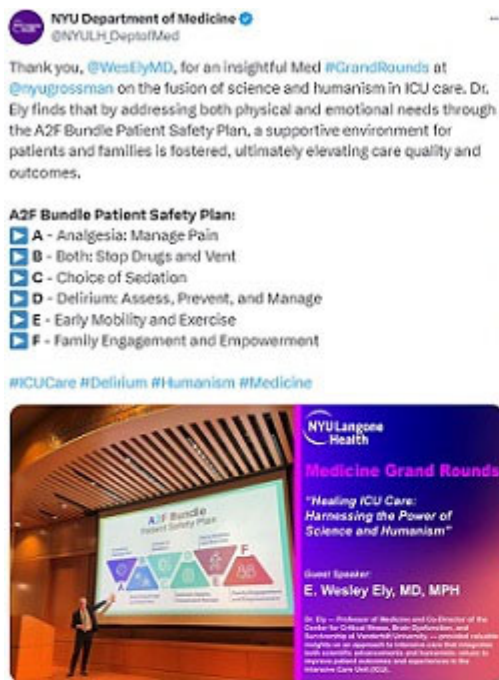
How does it feel to be leading this unique new fellowship for our students?

Leading this fellowship is so exciting! It's an unparalleled opportunity to engage the next generation at a time when they can explore Medicine in a fun, low-pressure, yet high-exposure setting—before the stress of clerkship year but at a time when they're super excited to jump into their clinical careers. We are committed to engaging students meaningfully, helping them realize the potential and excitement of a career in Medicine.

The Digital Pulse

A roundup of select posts from our social media channels.

Be sure to join the conversation, and don't forget to tag us as you share your accomplishments!



Follow our social channels by clicking the icons above!

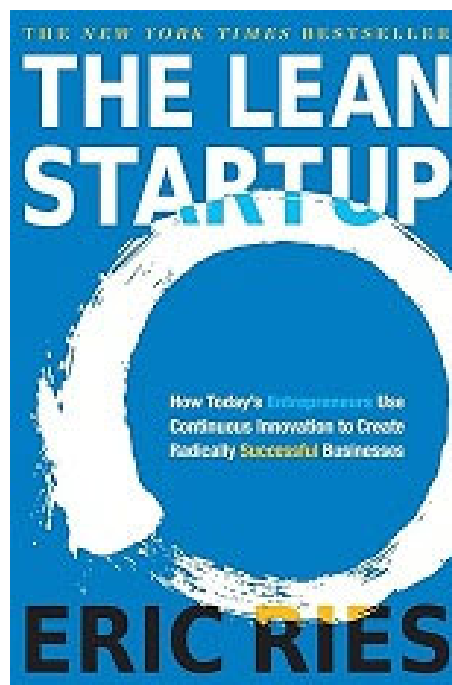
What Are They Reading

Jonathan Austrian, MD - *The Lean Startup*

Who doesn't want to be efficient in their work and life? Initially, I shied away from *The Lean Startup* by Eric Ries, thinking it was geared toward garage IT startups. However, they define startups as any entity creating new products or services under extreme uncertainty—a definition that fits health informatics, hospital medicine, and NYU Langone Health perfectly. The book addresses the frustration of costly projects that fail to meet expectations by advocating for lean strategies and creating minimal viable products to quickly test specific assumptions. This approach, focusing on "validated learning," allows for rapid, inexpensive, and safe learning without the paralysis of over-analysis. The book's empowering message is that all of us, whether in a hospital unit, service, lab, or office, operate in startup environments. While health care is different and must maintain high reliability, our challenge is to marry the concept of a "minimal viable product" with a "reluctance to simplify." And if that feels daunting, you can always take a break with the other book I'm reading, *The Reversal*, by Michael Connelly.



Jonathan Austrian, MD
Associate Professor, Department of Medicine
Associate Chief Medical Information Officer, Inpatient Informatics



Jonah Zaretsky, MD - *North Woods*

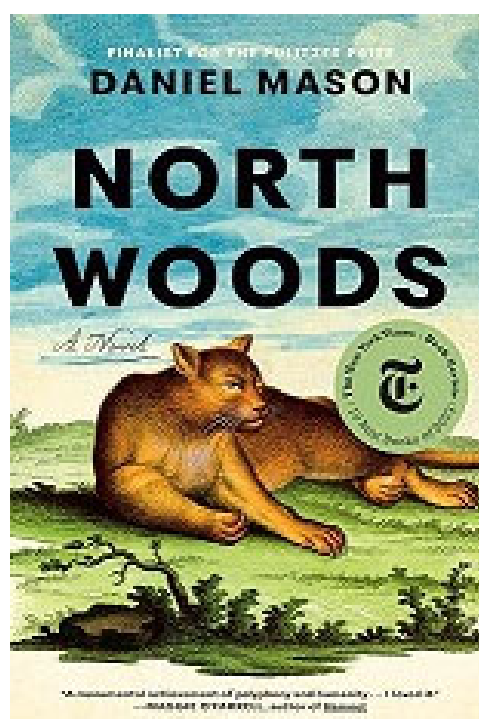
Daniel Mason's newest novel, *North Woods*, stretching in time from colonial New England all the way to the present and slightly into the future, centers on a single cabin in western Massachusetts. It starts with a pair of young lovers absconding from their Puritan village. After running through the woods for days, they place a stone down on the spot that will become a home and centerpiece of the narrative. The novel skips through time, chronicling the inhabitants and their stories, flavored with murder and some magic. The cabin is remote enough that the tides of history don't engulf it, but they do lap at its feet. What is more apparent, however, is the ecological history in the novel. Mason is a physician (he wrote his first novel while a medical student!), and his eye for diagnostics is apparent in how he describes the flora and fauna and their change over time. (In fact, in his research for the book, one of Mason's major sources was "Reading the Forested Landscape" by Tom Wessels, which reads like a primer on differential diagnosis for forest-related ailments e.g. fires, fungus, logging). In one chapter, Mason tells the story from the perspective of a particular scolytid beetle.

Though it may seem innocuous by its scale, the story of this beetle hints at the origin of the pandemic of Dutch elm disease, which left a devastating impact on the American Elm. Mason has a talent for shifting between vocabularies: whether it is archaic phrasing, a naturalist prose, or the minutiae of apple farming, the language Mason uses takes us on a prismatic journey that nevertheless is highly engaging and readable. I highly recommend it!



Jonah Zaretsky, MD

Clinical Assistant Professor, Department of Medicine
Associate Chief, Medicine, NYU Langone Hospital – Brooklyn
Medical Director, NYU Langone Hospital – Brooklyn



Featured Student Essay

“Got a patient for you. Sent in from the primary care setting, but actually ill. Hopefully, a good patient to bridge your interests.” That was the series of texts I woke up to from my resident. To everyone else, it was a regular Saturday morning. To me, it marked the day I did my first inpatient admission to medicine.

I got settled in the workroom, and I reviewed the sparse chart. Since I was doing the admission, there was no H&P to refer to or an assessment and plan to build upon. *Bilateral leg swelling and shortness of breath for six weeks* were the chief complaints that I had to work with. Of course, my brain jumped to heart failure or pulmonary embolism. I tend to anchor on diagnoses, but as I progress through clerkship year, I've been trying to push myself. So, I brainstormed more diagnoses, such as acute coronary syndrome, venous insufficiency, nephrotic syndrome, and medication changes, to add to my working list and thought about the pertinent positives and negatives I should ask when I went to meet the patient.

After talking things through with my resident, we headed to the ED. “You’re running this show,” she said with confidence and encouragement. Within the first 5 minutes of my conversation with the patient, I knew this would be *a lot* more complicated than I had anticipated. I learned that her leg swelling had started over two years ago...and it was so bad that she could no longer wear shoes. However, I also learned that everything worsened after she had a major surgery six weeks prior. My wheels continued to spin as we chatted, but I felt like I was starting to build rapport, and the conversation was flowing smoothly.

Then, we got to her past medical history. I *always* ask patients about their past medical history in an open-ended manner, but for some reason, that day, I offered to list what we had in the chart, and she could add to it as needed. Hypertension, diabetes, and even a complicated seizure history were the easy ones. I was at the end of the list, and I said, “The last thing I have here is Stage 3 Chronic Kidney Disease.” “KIDNEY DISEASE? No one ever told me I had nothing wrong with my kidneys,” she said with a raised and confused voice. At that moment, I felt like I had messed up. I looked over to my resident on the other side of the bed, my eyes yearning for help. She jumped in and explained how diabetes could lead to kidney disease, and I assured the patient that I would look into it and share further details during her hospitalization.

Once we finished in the ED, we headed back up to the workroom. As I was formulating my differential diagnosis, assessment, and plan, I decided to do more chart checking. I learned that the first mention of her CKD was over a year ago. During this time, she had many interactions with the healthcare system, including a month-long hospitalization for the surgery. *How had no one ever told her?* She knew what kidney disease was because her mother had ESRD on dialysis, so I just felt uneasy. All I could think about was how I had likely given her one more thing to worry about during an already stressful time.

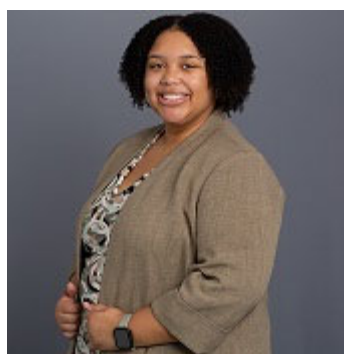
As I continued to care for this patient, I would mention that she didn’t know of her history of CKD when presenting or calling consults, and someone even said to me, “I’m sure someone has told her; she just probably forgot.” This perspective puts the burden of health on a patient solely. That would mean it was her fault that she didn’t know about her diagnosis. I disagreed with this perspective, but it didn’t matter at the moment – whether someone had told her prior or made the diagnosis based on an eGFR that resulted and just put it in the chart; this was the first time she was processing this diagnosis.

This initial interaction changed how I cared for her moving forward. Although I consulted cardiology, nephrology, and even neurology, medicine was the primary team, so she was my responsibility. I made it a priority to summarize the findings and recommendations from the consult teams and break them down in more layman’s terms.

We went through ups and downs during her stay, but it was a full-circle experience. She was the first patient I ever admitted to medicine, and she was ultimately discharged on my last day on the service. However, she

taught me three things that will impact how I practice medicine moving forward. 1. Always let the patient tell you their story first. 2. Don't blindly copy forward diagnoses, medications, or other information in the chart. 3. The burden of a patient's health is shared between the patient and the healthcare team. Some patients may prefer to carry more of that burden than others, but regardless, it is a shared responsibility.

Morgan McManus is a student at NYU Grossman School of Medicine in the four-year MD program. She grew up in Florence, South Carolina, and attended Clemson University for her undergraduate studies where she received her BS in health science with a concentration in health promotion and behavior and minors in biological sciences and Spanish studies. While at NYU, Morgan co-founded the Family Medicine Interest Group, served as the vice president for the school's chapter of the Student National Medical Association, and continues to be heavily involved in mentorship of premedical students. In her spare time, she enjoys bowling and supporting Clemson football.



News & Awards

Faculty Honors

Leon H. Charney Division of Cardiology



Glenn I. Fishman, MD, received the Heart Rhythm Society's 2024 Distinguished Basic Scientist Award. Dr. Fishman is Director of the Leon H. Charney Division of Cardiology and Vice Chair of Research for the Department of Medicine.

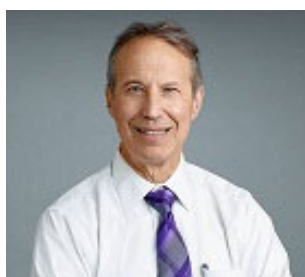


Chiara Giannarelli, MD, PhD, was awarded the Jeffrey Hoeg Arteriosclerosis, Thrombosis & Vascular Biology Award for Basic Science and Clinical Research, presented at Vascular Discovery 2024.



Kathryn J. Moore, PhD, was awarded the prestigious Grand Prix Scientifique de la Fondation Lefoulon- Delalande. For more information on the award, [click here](#).

Holman Division of Endocrinology, Diabetes & Metabolism

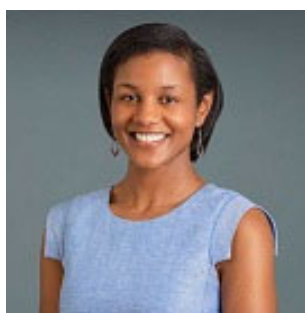


Ira J. Goldberg, MD, will provide the keynote overview talk at the 2024 Gordon Research Conference in Lipoprotein Metabolism to be held at Waterville Valley, NH, in June 2024.



Ann Marie Schmidt, MD, gave the overview lecture at the Vascular Biology session of the 2024 American Heart Association, in Chicago. Dr. Schmidt is the current Editor-in-Chief of the journal *Atherosclerosis, Thrombosis and Vascular Biology*.

Division of Gastroenterology & Hepatology

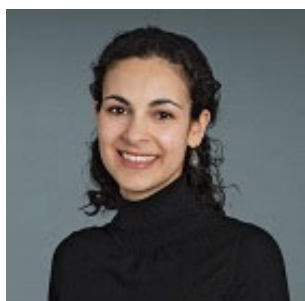


Sophie M. Balzora, MD, has received the American Gastroenterological Association (AGA) Distinguished Service Award in Diversity, Equity, and Inclusion (DEI), presented at the recent Digestive Disease Week (DDW) event in Washington, DC. This DDW award honors those who promote DEI within the AGA and the gastroenterology community.



Calvin Q. Pan, MD, was elected to serve as a member of the Nomination Committee for Leadership, for the American Association for the Study of Liver Diseases (AASLD). He also is currently Chair of the Hepatitis B Special Interest Group, for the AASLD.

Division of General Internal Medicine & Clinical Innovation



Masha Slavin, MD, was awarded the Horn Scholarship from the Society of General Internal Medicine. For more information on the award, [click here](#).

Division of Geriatric Medicine & Palliative Care



Nina Blachman, MD, MHPE, received a grant from The David Berg Foundation in support of geriatric patient and palliative care initiatives.

Division of Hematology & Medical Oncology



Jeffrey S. Weber, MD, PhD, was awarded The SASS Foundation's Franco Muggia Award for his extraordinary contributions to cancer immunotherapies and unwavering commitment to compassionate patient care.

Division of Infectious Diseases & Immunology



Justin Chan, MD, MPH, was elected as a Councilor for the Infectious Diseases Society of New York ([IDSNY](#)).



Ramin Herati, MD, was selected to serve as a standing member of the National Institutes of Health/National Institute of Allergy and Infectious Diseases (NIH/NIAID) Vaccines Against Infectious Diseases Study Section for a four-year term beginning July 1, 2024.



Angelica Cifuentes Kottkamp, MD, received the NIH Infectious Diseases Clinical Research Consortium (IDCRC) 2024 Early Career Investigator of the Year Award, in recognition of her exceptional contributions to the national IDCRC and NYU Langone Vaccine and Treatment Evaluation Unit missions. Additionally, Dr. Kottkamp has been named a Fellow of the Infectious Diseases Society of America ([FIDSA](#)).



Tristan D. McPherson, MD, was selected as a Fellow of the Infectious Diseases Society of America ([FIDSA](#)).



Scott A. Weisenberg, MD, was elected as a Councilor for the Infectious Diseases Society of New York ([IDSNY](#)).

Division of Nephrology



David M. Charytan, MD, MSc, received the National Kidney Foundation (NKF) J. Michael Lazarus Distinguished Award at the NKF Spring Clinicals. Read more about the honor [here](#).

Division of Precision Medicine



Souptik Barua, PhD, received the American Heart Association's Second Century Early Faculty Independence Award for his proposal "Digi-Moms: A Wearables and AI Framework for Early Detection of Cardiometabolic Complications in Pregnancy."



Morgan Grams, MD, PhD, received the National Kidney Foundation (NKF) Garabed Eknoyan Award at the NKF Spring Clinicals. Read more about the honor [here](#).

Promotions

Division of Gastroenterology & Hepatology



Lisa Ganjhu, DO, Clinical Professor of Medicine



Simon J. Hong, MD, Clinical Associate Professor of Medicine

Division of Geriatric Medicine & Palliative Care



Megan E. Rau, MD, MPH, Associate Professor of Medicine



Sakina Ouedraogo Tall, MD, Clinical Associate Professor of Medicine

Division of Hospital Medicine



Christopher M. Petrilli, MD, Associate Professor of Medicine

Division of Nephrology



Judith A. Benstein, MD, Clinical Professor of Medicine



Charles E. Langs, MD, Clinical Professor of Medicine



Lama Nazzal, MD, Associate Professor of Medicine



Joseph M. Weisstuch, MD, Clinical Professor of Medicine

Upcoming Events & CME

Resident Graduation Ceremony, Manhattan

June 12, 2024

3 West Club

Resident Graduation Ceremony, Brooklyn

June 17, 2024

Giando on the Water

Pulmonary Pathology Society Biennial Meeting

June 20 - 22, 2024

CME details and registration link [here](#)

Intern Orientation Day & Pictures

June 25, 2024

Schwartz Lecture Hall E

State of the Department & Awards Ceremony

June 26, 2024

Schwartz Lecture Hall E

New Residents First Day

July 1, 2024

Bronchoscopic and Pleural Procedures for the Intensivist

July 12 - 13, 2024

CME details and registration link [here](#)

Select Publications

Leon H. Charney Division of Cardiology

Cyr Y, Bozal FK, Barcia Durán JG, Newman AAC, Amadori L, Smyrnis P, Gourvest M, Das D, Gildea M, Kaur R, Zhang T, Wang KM, Von Itter R, Schlegel PM, Dupuis SD, Sanchez BF, Schmidt AM, Fisher EA, van Solingen C, Giannarelli C, Moore KJ. The IRG1-itaconate axis protects from cholesterol-induced inflammation and atherosclerosis. *Proc Natl Acad Sci U S A.* 2024 Apr 9;121(15):e2400675121. doi: [10.1073/pnas.2400675121](https://doi.org/10.1073/pnas.2400675121). Epub 2024 Apr 2. PMID: 38564634; PMCID: PMC11009655.

Smilowitz NR, Schlamp F, Hausvater A, Joa A, Serrano-Gomez C, Farid A, Hochman JS, Barrett TJ, Reynolds HR, Berger JS. Coronary microvascular dysfunction is associated with a proinflammatory circulating transcriptome in patients with nonobstructive coronary arteries. *Arterioscler Thromb Vasc Biol.* 2024 Apr;44(4):997-999. doi: [10.1161/ATVBAHA.123.320471](https://doi.org/10.1161/ATVBAHA.123.320471). Epub 2024 Feb 1. PMID: 38299358; PMCID: PMC10978225.

Kim EE, Shekhar A, Ramachandran J, Khodadadi-Jamayran A, Liu FY, Zhang J, Fishman GI. The transcription factor EBF1 non-cell-autonomously regulates cardiac growth and differentiation. *Development.* 2023 Nov 1;150(21):dev202054. doi: [10.1242/dev.202054](https://doi.org/10.1242/dev.202054). Epub 2023 Oct 24. PMID: 37787076; PMCID: PMC10652039.

Holman Division of Endocrinology, Diabetes & Metabolism

Sinclair CF, Baek JH, Hands KE, **Hodak SP**, Huber TC, Hussain I, Lang BH, Noel JE, Papaleontiou M, **Patel KN**, Russ G, Russell J, Spiezia S, Kuo JH. General principles for the safe performance, training, and adoption of ablation techniques for benign thyroid nodules: an american thyroid association statement. *Thyroid.* 2023 Oct;33(10):1150-1170. doi: [10.1089/thy.2023.0281](https://doi.org/10.1089/thy.2023.0281). Epub 2023 Sep 14. PMID: 37642289; PMCID: PMC10611977.

Stroes ESG, Alexander VJ, Karwatowska-Prokopczuk E, Hegele RA, Arca M, Ballantyne CM, Soran H, Prohaska TA, Xia S, Ginsberg HN, Witztum JL, Tsimikas S; **Balance Investigators (Goldberg I)**. Olezarsen, acute pancreatitis, and familial chylomicronemia syndrome. *N Engl J Med.* 2024 May 16;390(19):1781-1792. doi: [10.1056/NEJMoa2400201](https://doi.org/10.1056/NEJMoa2400201). Epub 2024 Apr 7. PMID: 38587247.

Yepuri G, Ramirez LM, Theophall GG, Reverdatto SV, **Quadri N, Hasan SN, Bu L, Thiagarajan D, Wilson R, Díez RL, Gugger PF, Mangar K, Narula N, Katz SD, Zhou B, Li H, Stotland AB, Gottlieb RA, Schmidt AM, Shekhtman A, Ramasamy R.** DIAPH1-MFN2 interaction regulates mitochondria-SR/ER contact and modulates ischemic/hypoxic stress. *Nat Commun.* 2023 Oct 30;14(1):6900. doi: [10.1038/s41467-023-42521-x](https://doi.org/10.1038/s41467-023-42521-x). PMID: 37903764; PMCID: PMC10616211.

Division of Gastroenterology & Hepatology

Shaukat A, Levin TR, Church TR. Screening for colorectal cancer in asymptomatic average-risk adults. *Ann Intern Med.* 2024 Apr;177(4):542-543. doi: [10.7326/L24-0014](https://doi.org/10.7326/L24-0014). PMID: 38621268.

Dong S, Agarunov E, Fasullo M, Kim KY, Khanna L, Haber G, Janec E, Simeone D, Oberstein P, Gonda T. Somatic mutational analysis in eus-guided biopsy of pancreatic adenocarcinoma: assessing yield and impact. *Am J Gastroenterol.* 2024 Mar 28. doi: [10.14309/ajg.0000000000002786](https://doi.org/10.14309/ajg.0000000000002786). Epub ahead of print. PMID: 38546128.

Faye AS, Lee KE, **Hudesman D**, Dervieux T. Older adults with inflammatory bowel disease are at higher risk of developing antibodies to infliximab. *Inflamm Bowel Dis.* 2024 Jan 3;izad305. doi: [10.1093/ibd/izad305](https://doi.org/10.1093/ibd/izad305). Epub ahead of print. PMID: 38170900.

Division of General Internal Medicine and Clinical Innovation

Wittleder S, Viglione C, Reinelt T, **Dixon A, Jagmohan Z, Orstad SL, Beasley JM**, Wang B, Wylie-Rosett J, Jay M. Procedural fairness in physician-patient communication: a predictor of health outcomes in

a cohort of adults with overweight or obesity. *Int J Behav Med*. 2024 Apr 12. doi: [10.1007/s12529-024-10282-6](https://doi.org/10.1007/s12529-024-10282-6). Epub ahead of print. PMID: 38609688.

Beltran CP, Wilhite JA, **Hayes RW**, LoSchiavo C, **Crotty K**, **Adams J**, **Hauck K**, **Crowe R**, **Kudlowitz D**, **Katz K**, **Gillespie C**, **Zabar S**, **Greene R**. Practice makes perfect: objective structured clinical examinations across the UME-to-GME continuum improve care of transgender simulated patients. *J Grad Med Educ* 1 April 2024; 16 (2): 182–194. doi: [10.4300/JGME-D-23-00573.1](https://doi.org/10.4300/JGME-D-23-00573.1)

Chen K, **Katranji K**, Bailey K, Rains M, Mirzoyan H, Zhang C, Choxi S, **Jackson HB**. Effect of a telehealth navigator program on video visit scheduling and completion in primary care. *J Prim Care Community Health*. 2024 Jan-Dec;15:21501319231225997. doi: [10.1177/21501319231225997](https://doi.org/10.1177/21501319231225997). PMID: 38549436; PMCID: PMC10981212.

Division of Geriatric Medicine and Palliative Care

Chodosh J, Cadogan M, **Brody AA**, Mitchell MN, **Hernandez DE**, Mangold M, Alessi CA, Song Y, Martin JL. Implementation outcomes for the slumber sleep improvement program in long-term care. *J Am Med Dir Assoc*. 2024 May;25(5):932-938.e1. doi: [10.1016/j.jamda.2024.02.004](https://doi.org/10.1016/j.jamda.2024.02.004). Epub 2024 Mar 14. PMID: 38493806; PMCID: PMC11065623.

Division of Hospital Medicine

Li P, Kang T, Carrillo-Argueta S, Kassapidis V, Grohman R, **Martinez MJ**, **Sartori DJ**, **Hayes R**, **Jervis R**, Moussa M. Bridging the gap: a resident-led transitional care clinic to improve post hospital care in a safety-net academic community hospital. *BMJ Open Qual*. 2024 Mar 19;13(1):e002289. doi: [10.1136/bmjog-2023-002289](https://doi.org/10.1136/bmjog-2023-002289). PMID: 38508663; PMCID: PMC10953301.

Mandal S, Wiesenfeld BM, **Mann DM**, **Szerencsy AC**, **Iturrate E**, Nov O. Quantifying the impact of telemedicine and patient medical advice request messages on physicians' work-outside-work. *NPJ Digit Med*. 2024 Feb 14;7(1):35. doi: [10.1038/s41746-024-01001-2](https://doi.org/10.1038/s41746-024-01001-2). PMID: 38355913; PMCID: PMC10867011.

Feldman J, **Hochman K**, Guzman B, **Goodman A**, **Weisstuch J**, Testa P. 2024. Scaling note quality assessment across an academic medical center with AI and GPT-4. *NEJM catalyst innovations in care delivery*. 5(5). doi:<https://doi.org/10.1056/cat.23.0283>.

Division of Infectious Diseases & Immunology

Blazevic A, Edwards RL, Xia M, Eickhoff CS, Hamzabegovic F, Meza KA, Ning H, Tennant J, Mosby KJ, Ritchie JC, Girmay T, Lai L, McCullough M, Beck A, Kelley C, Edupuganti S, Kabbani S, Buchanan W, Makhene MK, Voronca D, Cherikh S, Goll JB, Roupheal NG, **Mulligan MJ**, Hoft DF. Phase 1 open-label dose escalation trial for the development of a human bacillus calmette-guérin challenge model for assessment of tuberculosis immunity in vivo. *J Infect Dis*. 2024 May 15;229(5):1498-1508. doi: [10.1093/infdis/jiad441](https://doi.org/10.1093/infdis/jiad441). PMID: 38019956; PMCID: PMC11095547.

Garcia E, Foote MK, **McPherson T**, Lash MT, Bosompem AN, Bouscaren A, **Chan J**, **DiLorenzo MA**, Feihel D, Fowler RC, Gandhi V, Jenny-Avital ER, Kopping EJ, **Mazo D**, McLean J, **Mgbako O**, Sayegh M, Shaw RN, Su M, Meissner JS, Wang JC, Wen W, Winters JC, Zeana CB, Zucker J, Wong M. Severe Mpox among people living with advanced hiv receiving prolonged tecovirimat in New York City. *Open Forum Infectious Diseases*, 2024; ofae294. <https://doi.org/10.1093/ofid/ofae294>

Yoon H, Li Y, Goldfeld KS, Cobb GF, Sturm-Reganato CL, Ostrosky-Zeichner L, Jayaweera DT, Philley JV, Desruisseaux MS, Keller MJ, Hochman JS, Pirofski LA, **Ortigoza MB**; CONTAIN-Extend Study Group. COVID-19 Convalescent plasma therapy: long-term implications. *Open Forum Infect Dis*. 2023 Dec 29;11(1):ofad686. doi: [10.1093/ofid/ofad686](https://doi.org/10.1093/ofid/ofad686). PMID: 38269049; PMCID: PMC10807994.

Division of Pulmonary, Critical Care & Sleep Medicine

Pillai R, **LeBoeuf SE**, Hao Y, New C, Blum JLE, **Rashidfarrokhi A**, **Huang SM**, **Bahamon C**, **Wu WL**, **Karadal-Ferrena B**, **Herrera A**, **Ivanova E**, **Cross M**, **Bossowski JP**, **Ding H**, **Hayashi M**, **Rajalingam S**, **Karakousi T**, Sayin VI, Khanna KM, Wong KK, Wild R, Tsigos A, Poirier JT, Rudin CM, Davidson SM, **Koralov SB**, **Papagiannakopoulos T**. Glutamine antagonist DRP-104 suppresses tumor growth and enhances response to checkpoint blockade in KEAP1 mutant lung cancer. *Sci Adv*. 2024 Mar 29;10(13):eadm9859. doi: [10.1126/sciadv.adm9859](https://doi.org/10.1126/sciadv.adm9859). Epub 2024 Mar 27. PMID: 38536921; PMCID: PMC10971495.

Natalini JG, **Wong KK**, **Nelson NC**, **Wu BG**, **Rudym D**, **Lesko MB**, **Qayum S**, Lewis TC, Wong A, Chang SH, Chan JCY, Geraci TC, Li Y, Wang C, Li H, **Pamar P**, **Schnier J**, **Mahoney IJ**, **Malik T**, **Darawshy F**, **Sulaiman I**, **Kugler MC**, **Singh R**, **Collazo DE**, **Chang M**, **Patel S**, **Kyeremateng Y**, **McCormick C**, **Barnett CR**, **Tsay JJ**, **Brosnahan SB**, **Singh S**, Pass HI, **Angel LF**, **Segal LN**. Longitudinal lower airway microbial signatures of acute cellular rejection in lung transplantation. *Am J Respir Crit Care Med*. 2024 Feb 15. doi: [10.1164/rccm.202309-1551OC](https://doi.org/10.1164/rccm.202309-1551OC). Epub ahead of print. PMID: 38358857.

Cannon MF, Goldfarb DG, Zeig-Owens RA, Hall CB, Choi J, Cohen HW, Prezant DJ, **Weiden MD**. Normal lung function and mortality in World Trade Center responders and NHANES III participants. *Am J Respir Crit Care Med*. 2024 Jan 1. doi: [10.1164/rccm.202309-1654OC](https://doi.org/10.1164/rccm.202309-1654OC). Epub ahead of print. PMID: 38163381.

Division of Precision Medicine

Blum MF, Surapaneni A, Chang A, Inker LA, Chen TK, Appel LJ, Shin JI, **Grams ME**. Dihydropyridine calcium channel blockers and kidney outcomes. *J Gen Intern Med*. 2024 Apr 19. doi: [10.1007/s11606-024-08762-2](https://doi.org/10.1007/s11606-024-08762-2). Epub ahead of print. PMID: 38639831.

Schlosser P, **Surapaneni AL**, Borisov O, Schmidt IM, Zhou L, Anderson A, Deo R, Dubin R, Ganz P, He J, Kimmel PL, Li H, Nelson RG, Porter AC, Rahman M, Rincon-Choles H, Shah V, Unruh ML, Vasan RS, Zheng Z, Feldman HI, Waikar SS, Köttgen A, Rhee EP, Coresh J, **Grams ME**; Chronic Renal Insufficiency Cohort (CRIC) study investigators and the CKD biomarkers consortium. integrated proteomic and metabolomic modules associated with risk of kidney disease progression. *J Am Soc Nephrol*. 2024 Apr 19. doi: [10.1681/ASN.0000000000000343](https://doi.org/10.1681/ASN.0000000000000343). Epub ahead of print. PMID: 38640019.

Tiniakou I, Hsu PF, Lopez-Zepeda LS, Garipler G, **Esteva E, Adams NM, Jang G, Soni C**, Lau CM, Liu F, **Khodadadi-Jamayran A**, Rodrick TC, Jones D, **Tsirigos A**, Ohler U, Bedford MT, Nimer SD, Kaartinen V, Mazzoni EO, **Reizis B**. Genome-wide screening identifies Trim33 as an essential regulator of dendritic cell differentiation. *Sci Immunol*. 2024 Apr 12;9(94):eadi1023. doi: [10.1126/sciimmunol.adi1023](https://doi.org/10.1126/sciimmunol.adi1023). Epub 2024 Apr 12. PMID: 38608038.

Division of Rheumatology

Philips EA, Liu J, Kvalvaag A, Mørch AM, Tocheva AS, Ng C, Liang H, Ahearn IM, Pan R, Luo CC, Leithner A, Qin Z, Zhou Y, Garcia-España A, Mor A, Littman DR, Dustin ML, **Wang J**, Kong XP. Transmembrane domain-driven PD-1 dimers mediate T cell inhibition. *Sci Immunol*. 2024 Mar 8;9(93):eade6256. doi: [10.1126/sciimmunol.ade6256](https://doi.org/10.1126/sciimmunol.ade6256). Epub 2024 Mar 8. PMID: 38457513

Haberman RH, Ahmed T, Um S, **Zhou YY, Catron S, Jano K, Felipe A, Eichman S, Rice AL, Lydon E, Moussavi S, Neimann AL, Reddy SM, Adhikari S, Scher JU**. Racial and ethnic determinants of psoriatic arthritis phenotypes and disease activity. *Rheumatology (Oxford)*. 2024 Feb 1:keae066. doi: [10.1093/rheumatology/keae066](https://doi.org/10.1093/rheumatology/keae066). Epub ahead of print. PMID: 38305279.

Buyon JP, Masson M, Izmirly CG, Phoon C, Acherman R, Sinkovskaya E, Abuhamad A, Makhoul M, Satou G, Hogan W, Pinto N, Moon-Grady A, Howley L, Donofrio M, Krishnan A, Ahmadzia H, Lévassieur S, Paul E, Owens S, Cumbermack K, Matta J, Joffe G, Lindblade C, Haxel C, Kohari K, Copel J, Strainic J, Doan T, Bermudez-Wagner K, Holloman C, Sheth SS, Killen S, Tacy T, Kaplinski M, Hornberger L, **Carlucci PM, Izmirly P, Fraser N, Clancy RM**, Cuneo BF. Prospective evaluation of high titer autoantibodies and fetal home monitoring in the detection of atrioventricular block among Anti-SSA/Ro pregnancies. *Arthritis Rheumatol*. 2024 Mar;76(3):411-420. doi: [10.1002/art.42733](https://doi.org/10.1002/art.42733). Epub 2023 Nov 10. PMID: 37947364.



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