## NEWS AND NOTES June 2023 A Zoom Meeting

From National Cancer Institute: A multidisciplinary tumor board review of medical records; to find out how to submit your medical records contact Dr. Jaydira Del Rivero, MD, Director of the Center for Cancer	
	Research Neuroendocrine Tumor Program: jaydira.delrivero@nih.gov
From NCAN	**In person conferences: September 9, 2023 Cleveland OH; October 21, 2023 Miami FL
	**Virtual Support Group meeting the second Saturday of the month from 12:15-2:15, see their website
	for more information
	**Blog posts by A G Dabbs on their website
From LACNETS	**Annual NET Patient Conference Saturday June 17 <sup>th</sup> . Registration on their website
	**Blog Post on a variety of topics on their website
	** Weekly support group meetings each Wednesday, noon PT (3 PM ET)
	**NET Vitals: worksheet to record your medical history: <u>https://www.lacnets.org/lacnets-blog/netvitals</u>
	From NETRF **2023 Virtual Patient Education Conference July 22, 2023
	**An <b>Updated</b> Patient's Guide to NETs is available info@netrf.org
	**NETWise podcasts; you can sign up at <u>www.netrf.org/podcast</u>
From CCF	**Partnership with Clarified Precision Medicine to offer NET patients the opportunity to receive an
	expert review of their tumor sequencing. Please see: clarifiedprecisionmedicine.com/clarifiedselect
	**Monthly Lunch with the Experts features conversations the second Thursday at noon on CCF
	Facebook Live; they are always available in their Video file, and are posted on the CCF YouTube channel
	the following Monday
	**NET Cancer Health Storylines is available from the CCF website; use it on your desktop or phone
	https://www.healthstorylines.com/net-cancer-
	healthstorylines?fbclid=IwAR1Iz8N_68HtYNAz09b64rTp4Mq0UlvMjEUtTBweiYf9Qb1yruHlRyb3vu4
	** Ask the NET Experts – A Program from CCF:
	https://jamanetwork.com/journals/jamanetworkopen/fullarticle/2788218?fbclid=IwAR0rtLuLbYI75XpQ
	EbVC878rMe-yFDKK9bvHGUap1zmqIhV_3t_BG6SqQMg
From The Healing NET Foundation: **Patient Care booklet <i>Navigating the NET Patient Journey</i> is available online from	
	their website as well as their Neuroendocrine Tumors: A Primer for Healthcare Professionals
	**New Guide on High-Grade NECs: <u>https://www.carcinoid.org/2021/11/09/new-guide-on-high-grade-</u>
	neuroendocrine-cancers/
From Lisa and Devin at TerSera Therapeutics: **For support with CS, please go to www.enrollxermelo.com and opt in.	
	Once completed, a nurse educator will contact you within 48 hours. For the nursing support program,
	please go to: www.thenetnurse.com
	**Find Food You Love: Home   Food You Love Book
From Lexicon	**A Nutrition Guide: sign up via link: https://community.aboutcarcinoid.com/
	**Also available from through CCF: https://www.carcinoidsyndrome.org/2017/12/19/nutrition-recipe-
	guide-people-gastrointestinal-neuroendocrine-tumors-carcinoid-
	syndrome/?fbclid=IwAR2fsqItfegz0ZpYEraraT-j9MzZ1d9RzQfId_yX7OrBtMpcJZtAVH5Hfb0
NEW ARTICLES: From Chuck and Mike: Ipsen announces investment in new state-of-the-art electronic injector for	
Somatuline Autogel/Somatuline Deport (lanreotide) designed to improve patient experience:	

Ipsen announces investment in new state-of-the-art electronic autoinjector for Somatuline® Autogel® / Somatuline® Depot (lanreotide) designed to improve patient experience (yahoo.com)

# **RECURRING ARTICLES:**

From Chuck and Mike: Interim Analysis of a Prospective Validation of 2 Blood-Based Genomic Assessments (PPQ and NETest) to Determine the Clinical Efficacy of 177Lu-DOTATATE in Neuroendocrine Tumors: Interim Analysis of a Prospective Validation of 2 Blood-Based Genomic Assessments (PPQ and NETest) to Determine the Clinical Efficacy of 177Lu-DOTATATE in Neuroendocrine Tumors - PubMed (nih.gov)

From Maureen: US Rep. Joaquin Castro had surgery to remove cancerous tumors: <u>Texas Congressman</u> Joaquin Castro had cancer surgery | <u>The Texas Tribune</u>

From Pat from NANETS: BioMark Presents Novel Liquid Biopsy Data in Pulmonary NETs: <u>BioMark</u> <u>Presents Novel Liquid Biopsy Data in Pulmonary Neuroendocrine Tumors (yahoo.com)</u>

From Pat: Drugs to activate STING could help prevent cancer metastasis: <u>Drugs to activate STING could</u> <u>help prevent cancer metastasis (news-medical.net)</u>

From Chuck: Necrolytic migratory erythema as the first manifestation of pancreatic neuroendocrine tumor: <u>Necrolytic migratory erythema as the first manifestation of pancreatic neuroendocrine tumor - PMC (nih.gov)</u>

From Randy, and discussed by Randy and Murf at the March meeting: <u>Learn More | Join All of Us</u> Through the NIH, they are looking for 1 million volunteers to share health information; the more NETs patients who enroll, the more they can learn something about us.

From Janet L: Making Sense of a Complex Disease: A Practical Approach to Managing NETs: <u>Making</u> <u>Sense of a Complex Disease: A Practical Approach to Managing Neuroendocrine Tumors. | Semantic</u> <u>Scholar</u>

From Murf: Hemicolectomy versus appendectomy for patients with appendiceal NETs 1-2 cm in size: a retrospective, Europe-wide, pooled cohort study: <u>Hemicolectomy versus appendectomy for patients</u> with appendiceal neuroendocrine tumours 1–2 cm in size: a retrospective, Europe-wide, pooled cohort study - The Lancet Oncology

From Randy via the Chat at the February meeting: CIO 2021-20 Efficacy of Transarterial Bland Embolization with Everolimus (EveroEmbo) for Hepatic Metastatic Neuroendocrine Tumors: <u>CIO 2021-20</u> <u>Efficacy of Transarterial Bland Embolization with Everolimus (EveroEmbo) for Hepatic Metastatic</u> <u>Neuroendocrine Tumors (hmpgloballearningnetwork.com)</u>

From Randy via the Chat at the February meeting: Paltusotine, a novel oral once-daily nonpeptide SST2 receptor agonist, suppresses GH and IGF-1 in healthy volunteers: <u>Paltusotine, a novel oral once-daily</u> nonpeptide SST2 receptor agonist, suppresses GH and IGF-1 in healthy volunteers - PubMed (nih.gov)

From Chuck, as discussed at the February meeting: Serum lipid levels correlate to the progression of gastric cancer with neuroendocrine immunophenotypes: A multicenter retrospective study: <u>Serum lipid</u> <u>levels correlate to the progression of gastric cancer with neuroendocrine immunophenotypes: A</u> <u>multicenter retrospective study - PubMed (nih.gov)</u>

From Chuck, based on our discussion at the February meeting about tyramines: MAOIs and diet: Is it Necessary to restrict tyramines: <u>MAOIs and diet: Is it necessary to restrict tyramine? - Mayo Clinic</u> From Pat, from NANETS: Early-Stage Primary Lung NETs Treated with Stereotactic Body Radiotherapy: A Multi-Institution Experience: <u>Early-Stage Primary Lung Neuroendocrine Tumors Treated with</u> <u>Stereotactic Body Radiotherapy: A Multi-Institution Experience - PubMed (nih.gov)</u>

From Effie: A multidisciplinary approach to the work up and management of pulmonary carcinoid tumors and DIPNECH: a narrative review: <u>A multidisciplinary approach to the work up and management</u> of pulmonary carcinoid tumors and DIPNECH: a narrative review - Ramirez- Translational Lung Cancer Research (amegroups.com)

From Mike and Chuck: Volume Doubling Time of Pulmonary Carcinoid Tumors Measured by Computer Tomography: <u>Volume Doubling Time of Pulmonary Carcinoid Tumors Measured by Computed</u> <u>Tomography - ScienceDirect</u>

From Mike and Chuck: Her crippling digestive problems were caused by a 'zebra' malady: <u>Years of pain</u>, <u>digestive problems preceded a diagnosis - The Washington Post</u>

From Pat: At-home saliva test diagnoses cancer with other 90% accuracy: <u>At-home saliva test diagnoses</u> cancer with over 90% accuracy (thebrighterside.news)

From Pat and Chuck: Groundbreaking blood test can identify over 50 types of cancer:

Groundbreaking blood test can identify over 50 types of cancer (thebrighterside.news)

From Mike and Chuck: The Patient's Point of View: COVID-19 and Neuroendocrine Tumor Disease: The Patient's Point of View: COVID-19 and Neuroendocrine Tumor Disease - PubMed (nih.gov)

From Mike and Chuck: Novel preclinical gastroenteropancreatic neuroendocrine neoplasia models demonstrate the feasibility of mutation-based targeted therapy: <u>Novel preclinical</u>

gastroenteropancreatic neuroendocrine neoplasia models demonstrate the feasibility of mutationbased targeted therapy - PubMed (nih.gov)

From Mike and Chuck: FDA Grants Fast Track Designation to ITM-11 for Gastroenteropancreatic NETS: <u>FDA Grants Fast Track Designation to ITM-11 for Gastroenteropancreatic Neuroendocrine Tumors</u> (onclive.com)

From Mike and Chuck: F18-AIF-NOTA-octreotide outperforms Ga68-DOTA-TATE/-NOC PET in NET patients: results form a prospective, multicenter study: <u>18F-AIF-NOTA-octreotide outperforms 68Ga-DOTA-TATE/-NOC PET in neuroendocrine tumor patients: results from a prospective, multicenter study - PubMed (nih.gov)</u>

From Mike and Chuck: Incidence of psychiatric illness in patients with NETs: a comparative populationbased analysis: Incidence of psychiatric illness in patients with neuroendocrine tumors: a comparative population-based analysis | SpringerLink

From the September 11, 2022 NJCCN zoom meeting: Acceptable Use Criteria for SSR PET Imaging in NETs: <u>Appropriate Use Criteria for Somatostatin Receptor PET Imaging in Neuroendocrine Tumors - PMC (nih.gov)</u>

From Randy at the September 11, 2022 NJCCN zoom meeting: CIO 2021-20 Efficacy of Transarterial Bland Embolization with Everolimus (EveroEmbo) for NETs:

<u>CIO 2021-20 Efficacy of Transarterial Bland Embolization with Everolimus (EveroEmbo) for Hepatic</u> <u>Metastatic Neuroendocrine Tumors (hmpgloballearningnetwork.com)</u>

From Mike and Chuck: NETs: A Comprehensive Review on Nutritional Approaches:

<u>Cancers | Free Full-Text | Neuroendocrine Tumors: A Comprehensive Review on Nutritional Approaches</u> <u>| HTML (mdpi.com)</u>

From Kate and Chuck: Neuroendocrine neoplasms: recent progress and persistent challenges: <u>Lung</u> <u>neuroendocrine neoplasms: recent progress and persistent challenges | Modern Pathology (nature.com)</u> From Kate and Chuck: Incidence and Survival Outcomes in Patients with Lung Neuroendocrine

Neoplasms in the United States: Incidence and Survival Outcomes in Patients with Lung Neuroendocrine Neoplasms in the United States - PMC (nih.gov)

From Mike and Chuck: MSK Researchers Discover How Cancer Cells Change Identity to Escape Therapies: <u>MSK Researchers Discover How Cancer Cells Change Identity To Escape Therapies | Memorial Sloan</u> <u>Kettering Cancer Center (mskcc.org)</u>

From Mike and Chuck: Amryt Receives Orphan Drug Designation from the FDA for Mycapssa <sup>®</sup>(oral octreotide) for the Treatment of Carcinoid Syndrome: <u>Amryt Receives Orphan Drug Designation from the FDA for (globenewswire.com)</u>

From Mike and Chuck: The Evolving Role of Radioembolization in the Treatment of Neuroendocrine Liver Metastases: <u>The Evolving Role of Radioembolization in the Treatment of Neuroendocrine Liver</u> <u>Metastases - PubMed (nih.gov)</u>

From Mike and Chuck: Sequencing of Therapies in Progressive NETs: <u>Sequencing of Therapies in</u> <u>Progressive Neuroendocrine Tumors | SpringerLink</u>

From Pat, via MSKCC newsletter: Rectal Cancer Disappears After Experimental Use of Immunotherapy: <u>Rectal Cancer Disappears After Experimental Use of Immunotherapy | Memorial Sloan Kettering Cancer</u> <u>Center (mskcc.org)</u>

From Randy: Cancer Trial's Unexpected Result: Remission in Every Patient Small Study on Rectal Cancer Results in Remission in Every Patient - The New York Times (nytimes.com) From Mike and Chuck: Drug combination shows promise for treating pNETs:

Drug combination shows promise for treating pNETs | EurekAlert!

From Mike and Chuck: New Therapy Options for NECs of the Pancreas-The Emergent Substance GP-2250 and Gemcitabine Prove to Be Highly Effective without the Development of Secondary Resistances In Vitro and In Vivo: <u>Cancers | Free Full-Text | New Therapy Options for Neuroendocrine Carcinoma of the Pancreas&mdash;The Emergent Substance GP-2250 and Gemcitabine Prove to Be Highly Effective without the Development of Secondary Resistances In Vitro and In Vivo (mdpi.com)</u>

From Mike and Chuck: Good Response With ONC201 for Rare NETs: <u>https://journals.lww.com/oncology-times/Fulltext/2022/05050/Good\_Response\_With\_ONC201\_for\_Rare\_Neuroendocrine.5.aspx?context=</u> FeaturedArticles&collectionId=2

From Mike and Chuck: In patients with well-differentiated NETs, there is no apparent benefit of SSAs after disease control by PRRT: <u>https://pubmed.ncbi.nlm.nih.gov/35503379/</u>

Link for Sunnybrook Health Sciences Centre:

https://sunnybrook.ca/content/?page=neuroendocrine-tumour-

cancer&fbclid=IwAR1CGJGYUwqZqzSmqnFNoJ-s1uMwux9PYqc6be2i7T9fDUN-taYlZqfOLGU

From Mike and Chuck: Prognostic significance of laterality in lung NETS:

https://pubmed.ncbi.nlm.nih.gov/35301675/

From Mike and Chuck: INCA Global NET Patient Information Pack:

https://incalliance.org/net-info-packs/

From Mike, referenced during our zoom meetings: Gebauer's Pain Ease:

https://www.gebauer.com/pain-ease-procedural-video-wf

From Mike and Chuck: Circulating Progastrin, a Novel Blood-Based Biomarker for Detection of Poorly Differentiated NEC and Well Differentiated NETs: <u>https://www.mdpi.com/2072-</u>6694/14/4/863/review\_report

From Mike: Diagnostic value of Ga68 Ga-DOTA-labeled-somatostatin analogue PET/MRI for detecting liver metastasis in patients with NETs: a systematic review and meta-analysis:

https://link.springer.com/article/10.1007/s00330-021-08527-z

From CCF: Management of Large Cell Neuroendocrine Carcinoma:

https://www.frontiersin.org/articles/10.3389/fonc.2021.653162/full?fbclid=IwAR3ZAFccVMeoSHWjPiHe X5m-KJombhcU1atIfrxL2piSICVd9rsL7\_d8U54

From Jacq: Belzutifan/MK-6482 for the Treatment of Advanced Pheochromocytoma/Paraganglioma (PPGL) or Pancreatic NET (pNET) (MK-6482-015): <u>https://clinicaltrials.gov/ct2/show/NCT04924075</u> From Mike and Chuck: Molecular Genomic Assessment Using a Blood-based mRNA Signature (NETest) is Cost-effective and Predicts NET Recurrence with 94% Accuracy:

https://pubmed.ncbi.nlm.nih.gov/34183517/

From Mike and Chuck: Tidutamab Induces Best Overall Response of Stable Disease in Advanced NETs: <u>https://www.oncnursingnews.com/view/tidutamab-induces-best-overall-response-of-stable-disease-in-advanced-neuroendocrine-tumors</u>

From Mike and Chuck: Lanreotide Demonstrates Confirmed Efficacy in Advanced Bronchopulmonary NETS: <u>https://www.onclive.com/view/lanreotide-demonstrates-confirmed-efficacy-in-advanced-bronchopulmonary-nets</u>

From Mike and Effie: Liquid Biopsy Blood Biomarker Possible Predictor of Tumor Recurrence, Cost Savings: <u>https://www.ajmc.com/view/liquid-biopsy-blood-biomarker-possible-predictor-of-tumor-recurrence-cost-savings</u>

From Chuck: NETs require individualized treatment approach:

https://www.healio.com/news/hematology-oncology/20211021/neuroendocrine-tumors-requireindividualized-treatment-approach

From Chuck: A Novel Liquid Biopsy (NETest) identifies Paragangliomas and Pheochromocytomas with High Accuracy: <u>https://pubmed.ncbi.nlm.nih.gov/34515661/</u>

From Chuck: A Multigenomic Liquid Biopsy Biomarker for NET Disease outperforms CgA and has Surgical and Clinical Utility: <u>https://www.semanticscholar.org/paper/A-Multigenomic-Liquid-Biopsy-Biomarker-for-Tumor-Modlin-</u>

<u>Kidd/4b9b1458b64083a8cf83336ed0c6e500708186e9?utm\_source=alert\_email&utm\_content=AuthorP</u> aper&utm\_campaign=AlertEmails\_WEEKLY&utm\_term=AuthorPaper&email\_index=0-0-0&utm\_medium=2488505

NCCN (National Comprehensive Cancer Network) Guidelines for Patients:

https://www.nccn.org/patients/guidelines/content/PDF/neuroendocrine-patient.pdf

European Neuroendocrine Tumor Society (ENETS): <u>https://www.enets.org/current\_guidelines.html</u> Canadian Neuroendocrine Tumour Society (CNETS): <u>https://cnets.ca/patients-caregivers/resources/438-</u> 2/

Wren Laboratories:

https://www.wrenlaboratories.com/?fbclid=IwAR1O8YIMR7mPSyDi88jUjrVZrR5I3UoAy9JnBvbZ2pVk9q WnQjggednSMXY

FAQs NET Tissue Donation: https://netrf.org/2019/06/12/faqs-tumor-tissue-

<u>donation/?fbclid=lwAR1\_q5Pvl\_6eKWvwtmaMSBEaDCBw-\_wMbPHKnXxTdcfEg0KFpq6Awc-RQa4</u> Your Surgery or Fluid Drain can Advance Cancer Research:

https://pattern.org/?fbclid=IwAR16DOxL6VScbv5QI5DTG99T3SpRiZuU0gCbID5WiyEXxA4PYEbhbgZU9nI From Chuck: 'I'm a Cardiologist, and Here's What It Really Means When You're Out of Breath From Walking Up the Stairs' <u>https://www.msn.com/en-us/health/fitness/i-m-a-cardiologist-and-here-s-whatit-really-means-when-you-re-out-of-breath-from-walking-up-the-stairs/ar-BB1f5ZJC?ocid=msedgdhp</u>

# \*\*Please see our website (njcarcinoidnetwork.org) for additional articles\*\*

## Other items of interest:

From Randy at the September 2022 Zoom meeting: \*\*Topical Coolant Spray "Medi-First Cold Spray" available on Amazon: <u>https://www.amazon.com/gp/product/B008SI1VDG/ref=ppx\_yo\_dt\_b\_asin\_title\_o09\_s02?ie=UTF8&psc=1</u> From Randy at the February 2022 Zoom meeting: \*\*List of Apps for compiling your medical records:

### https://tinyurl.com/2pd5y9w3

From a patient on ACOR: \*\*Eovist contrast has "more distribution and excretion pathways...which allows for an additional contrast phase in the scan and more information to aid in diagnosis." Ask for it specifically, even with the technician or radiologist who is performing the scan.

Patient Access Network: \*\*from Jim and Janet: Member services 1-800-806-7501, Benefits information: 1-800-316-7263. "Medical information has to be completed by the provider's office; PAN has been able to assist in handling out

of pocket expenses, deductible for specific chemo drugs; all other insurances are used first."

Patient resources suggested by Lynn in Monmouth County: \*\*the Livestrong Program at the Red Bank YMCA; the Monmouth Medical Center Cancer Support Group; and

\*\*Mary's Place by the Sea in Ocean Grove - a respite home for women receiving treatment for cancer <u>https://www.marysplacebythesea.org</u>

\*\*Maureen holds writers' workshops at Mary's Place by the Sea in Ocean Grove on Tuesdays and Thursdays.

NOTE: As of February 20, 2023, Amazon will no longer be donating \$.005 for every dollar spent on eligible purchases. See the article above from Mike.

ISI InterScience Institute: to request a copy of their biomarker testing code book go to interscienceinstitute.com, or download a PDF version

### **Organizations and websites:**

Carcinoid Cancer Foundation: CCF Neuroendocrine Carcinoid Awareness: NCAN Neuroendocrine Tumor Research Foundation: NETRF The Healing NET Foundation Clinical Trials information

### Find them at

carcinoid.org netcancerawareness.org netrf.org; newsletter available thehealingnet.org; newsletter available clinicaltrials.gov Ronny Allan blog Carcinoid Syndrome from CCF NET Patient Foundation LACNETS: Los Angeles Carcinoid NET Society

**Discussion boards:** 

#### Facebook groups:

ronnyallan.com carcionoidsyndrome.org netpatientfoundation.org (located in London) lacnets.org

ACOR.org (find the carcinoid group) Smartpatients.com (find the carcinoid group) Inspire.com (Lung NET group, others)

Carcinoid Coffee Café Lovable Lungnoids Dr Liu's Zebras: A Neuroendocrine Cancer Community **NET Patients Sharing Knowledge & Experience** Carcinoid Neuroendocrine Cancer Awareness Carcinoid Connection (also: carcinoid.com) Carcinoid Awareness (also: aboutcarcinoid.com) Zebra Caregivers Talk NETS (no patients) My Dazzle (sponsored by Lexicon) NETs get COOKING Green Zebras (cannabis for NET cancer) Young Zebras: A Support Group for Young NET Cancer patients and their caregivers **ZEBRA** awareness Global NETS Zebra Zone: NET cancer Support Group (linked to Neuroendocrine Cancer Connection)