

# TECHNOLOGISTS' SCIENTIFIC PROGRAM

## SESSION I

TUESDAY, JULY 7, 1970

PARK BALLROOM

12:30-3:54 pm

Chairman: Katie Lambert

- 12:30 pm Measurement of Oral Calcium Absorption by External Isotope Counting: Studies in Renal Failure  
L. Renerts and Saul M. Genuth
- 12:42 pm New Method for Making Heat-Treated  $^{51}\text{Cr}$ -Tagged RBCs for Spleen Scanning  
Ralph W. Kyle and Gerald S. Johnston
- 12:54 pm Utilization of  $^{51}\text{Cr}$  Fecal Blood Loss Study to Evaluate a New Drug  
B. Borne
- 1:06 pm Blood Volume  
Rebecca Hecht
- 1:18 pm Reuse of the  $\text{T}_3$  Resin Sponge  
Jane Zielinski and Linda Dulock
- 1:30 pm Effects of Overnight Refrigeration on the Dried Thyroxine in the Competitive Protein-Binding Analysis  
Sara L. Sekso, Gonzalo Uvelta and Fuad S. Ashkar
- 1:42 pm Evaluation of the  $\text{T}^*$ , Resin Strip Uptake  
Marian Coppler, Bernadine Kovaleski, J. Sherry, H. Sheppard and Jorge Franco
- 1:54 pm Quality-Control Program in the Nuclear Medicine Laboratory  
Sister Austin Marie Donnellan

## INTERMISSION

Chairman: Vincent Cherico

- 2:18 pm Method of Measuring Individual Patient Doses with a Commercially Available Isotope Calibrator  
E. L. Sester and F. R. Gydesen
- 2:30 pm Advantages of Producing a Minified Scan Image  
James W. Dowell, Fred S. Mishkin and Isaac C. Reese
- 2:42 pm Radioisotope Measurement of Urinary Bladder Residual  
Fauno Cordes and Kenneth McCormack
- 2:54 pm Combined Isotopic and Ultrasonic Studies in Selected Patients with Unusual Liver Disease  
Bernadine Kovaleski, Marian Coppler and Jorge Franco
- 3:06 pm Method of Rose Bengal Study Using External Organ Counting and the Gamma Camera  
Daniel R. Patrick
- 3:18 pm Cardiac Flow Studies Using  $^{99\text{m}}\text{Tc}$   
H. R. Lee
- 3:30 pm The Knowledgeable Technician: A Good Brain Scanning Agent  
Barbara J. Klaassen

- 3:42 pm Detection of Nonmalignant and Malignant Bone Disease with  $^{87\text{m}}\text{Sr}$   
Karen L. Bloomer

## SESSION II

WEDNESDAY, JULY 8, 1970

COTILLION ROOM B

3:50-5:35 pm

Chairman: Dorothy Kelsey

- 3:50 pm Radiation Exposure to Personnel Handling  $^{99\text{m}}\text{Tc}$   
Dennis Wayne Damm and John Wolff
- 4:05 pm On the Use of a Small Digital Computer in Everyday Practice for Calculating Radiopharmaceutical Injections  
Yolande Lafontaine, René Robillard and Roger Mathieu
- 4:20 pm Pitfalls in Peaking the Pho/Gamma Scintillation Camera  
Judie Foster
- 4:35 pm Comparable Film on Rectilinear Scanners  
D. E. Kunday
- 4:50 pm Error in Radiation Counting  
Helen Rojek
- 5:05 pm Quality-Control Program for the Radioisotope Department  
Nellie M. Bering, Cecilia DeFries and Janie M. Reid
- 5:20 pm Tools for Survival  
Michael M. Kusch

## SESSION III

THURSDAY, JULY 9, 1970

COTILLION ROOM B

3:50-6:15 pm

Chairman: Donald Bernier

- 3:50 pm Photography on 35-mm Film of the Persistence Scope of the Gamma Camera as a Routine Imaging Procedure  
P. Fillion, L. Picard-Daoust and R. Ghys
- 4:05 pm Use of a Cinescintigraphy System in Clinical Imaging Studies  
J. McFarland, E. V. Staab and A. B. Brill
- 4:20 pm Dual Radioisotope Technique for the Diagnosis of Subdiaphragmatic Abscess  
Carol J. Imbornone and David A. Goodwin
- 4:35 pm Placental Localization Prior to Amniocentesis Using  $^{99\text{m}}\text{Tc}$ -Albumin and the Gamma Camera  
Violet Stark
- 4:50 pm Technique for Performing Lung Ventilation Studies with Pressurized  $^{133}\text{Xe}$  Gas  
Barbara J. Jump, Susan J. Litrenta and Theodore T. Niznik

## INTERMISSION

- 5:00 pm Invited Speaker: George V. Taplin  
Subject: Historical Review of Dynamic Function Studies in Nuclear Medicine
- 5:30 pm Technologists' Business Meeting