



Short Symposium
8th of September, 2017, Hungary, Debrecen

SCANOMED
NUCLEAR MEDICINE CENTERS

INVITATION

ON BEHALF OF DEPARTMENT OF INORGANIC AND ANALYTICAL CHEMISTRY, NUCLEAR MEDICINE COMMITTEE, UNIVERSITY OF DEBRECEN AND SCANOMED LTD., WE ARE PLEASED TO INVITE YOU FOR OUR

MINI-SYMPOSIUM ON CHEMISTRY AND BIOCHEMISTRY OF MEDICAL IMAGING

THAT WILL BE HELD ON FRIDAY, THE 8TH OF SEPTEMBER, 2017.

SYMPOSIUM VENUE:

THE CENTER OF DEBRECEN REGIONAL COMMITTEE
OF THE HUNGARIAN ACADEMY OF SCIENCE
4032 DEBRECEN, THOMAS MANN U. 49

NO REGISTRATION FEE FOR THE SYMPOSIUM

PROGRAM *SCIENTIFIC PRESENTATIONS IN THE FIELD OF CHEMISTRY, RADIOCHEMISTRY AND MEDICAL IMAGING*

I. MORNING SESSION (8.30 AM – 10.00 AM):

1. WELCOME AND OPENING

DR. GYULA TIRCSÓ AND DR. ZSOLT BARANYAI, DEPARTMENT OF INORGANIC AND ANALYTICAL CHEMISTRY, UNIVERSITY OF DEBRECEN AND BRACCO IMAGING – CRB TRIESTE, TRIESTE, ITALY (8.30 AM – 8.50 AM)

CHAIR: PROF. IMRE TÓTH

***2. DR. JOHANNES NOTNI, CHAIR OF PHARMACEUTICAL RADIOCHEMISTRY, DEPARTMENT OF CHEMISTRY, TECHNICAL UNIVERSITY OF MUNICH, GERMANY (8.50 AM – 9.10 AM)
RADIOMETALS: PROSPECTS AND APPLICATIONS***

***3. DR. DEZSÓ SZIKRA, SCANOMED LTD. HEAD OF RADIOCHEMICAL LAB. (9.10 AM – 9.30 AM)
LABELING OPTIMIZATION WITH ⁶⁸GA AND ⁴⁴SC***

***4. DR. ZSOLT BARANYAI, BRACCO IMAGING – CRB TRIESTE, TRIESTE, ITALY (9.30 AM – 9.50 AM)
EXTRAORDINARY SIMILARITIES OF FORMATION AND DISSOCIATION KINETICS OF FeIII- AND GaIII-TRAP- PR COMPLEXES***

II. COFFEE BREAK (10.00 AM – 10.30 AM)

III. LATE MORNING SESSION (10.30 AM – 11.50 AM)

CHAIR: DR. ZSOLT BARANYAI

1. DR. GYULA TIRCSÓ, DEPARTMENT OF INORGANIC AND ANALYTICAL CHEMISTRY, UNIVERSITY OF DEBRECEN (10.30 AM – 10.50 AM)

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LIGAND RIGIDITY AND STERIC HINDRANCE AS USEFUL TOOLS IN DESIGN OF KINETICALLY INERT Gd³⁺ COMPLEXES: OPEN-CHAIN AND MACROCYCLIC EXAMPLES

2. **DR. ZOLTÁN KOVÁCS**, ADVANCED IMAGING RESEARCH CENTER, UT SOUTHWESTERN MEDICAL CENTER, DALLAS, TEXAS, UNITED STATES (10.50 AM – 11.10 AM)
HYPERPOLARIZED MR IMAGING AGENTS
3. **DR. ANDRÁS GORZSÁS**, DEPARTMENT OF CHEMISTRY, UNIVERSITY OF UMEÅ, SWEDEN (11.10 AM – 11.30 AM)
VIBRATIONAL MICROSPECTROSCOPY FOR BIOMEDICAL RESEARCH
4. **DR. PÁL MIKECZ**, INSTITUTE FOR NUCLEAR MEDICINE, UNIVERSITY OF DEBRECEN (11.30 AM – 11.50 AM)
RADIOPHARMACEUTICALS FOR MAPPING MELANIN CONCENTRATING HORMONE RECEPTORS

IV. LUNCH (11.50 AM – 12.50 PM)

V. AFTERNOON SESSION (12.50 PM – 14.10 PM)

CHAIR: DR. ILDIKÓ GARAI

1. **INVITED GUEST OF SCANOMED LTD: (12.50 PM – 13.10 PM)**
DR. RENATA MIKOLAJCZAK, RADIOISOTOPE CENTRE POLATOM,
NATIONAL CENTRE FOR NUCLEAR RESEARCH, POLAND
RADIONUCLIDES AND RADIOPHARMACEUTICALS - CURRENT DEVELOPMENTS AT POLATOM
2. **INVITED GUEST OF SCANOMED LTD: (13.10 PM – 13.30 PM)**
PROF. PETR HERMANN, DEPARTMENT OF INORGANIC CHEMISTRY, FACULTY OF SCIENCE,
CHARLES UNIVERSITY, PRAGUE, CZECH REPUBLIC
OVERVIEW OF CURRENT INVESTIGATIONS AND DEVELOPMENTS AT UNIVERZITA KARLOVA (CHARLES UNIVERSITY), PRAGUE
3. **ATTILA FORGÁCS**, SCANOMED LTD. (13.30 PM – 13.45 PM)
MPH SPECT. A NEW EMERGING TOOL IN HUMAN DIAGNOSTIC.
4. **DR. GYÖRGY TRENCSENYI**, SCANOMED LTD. (13.45 PM – 14.00 PM)
DEPARTMENT OF NUCLEAR MEDICINE, UNIVERSITY OF DEBRECEN
PRECLINICAL IMAGING IN DRUG DEVELOPMENT

VI. CLOSING COMMENTS (14.00 PM – 14:10 PM)