

# DYMIC-BMIC 2022 – Program Overview

8.55 – 9:05 WELCOME

9:05 – 9:30 SCIENTIFIC SPEED DATING

9.30 – 10.30 SCIENTIFIC SESSION 1 (DANIELE BERTOGLIO - U. OF ANTWERP & TIMO DE GROOF – VUB)

- **Neural Organisation Predicts Flexible Vocal Learning in the Late Critical Period of the Zebra Finch**  
C. Bowman - *Bio-Imaging Lab, Department of Biomedical Sciences, University of Antwerp, Belgium.*
- **Preparation, Characterizations and Imaging Study of a Nanometric Platform for Magnetic Resonance and fluorescence Imaging**  
S. Garifo - *General, Organic and Biomedical Chemistry Unit, NMR and Molecular Imaging Laboratory, University of Mons, Belgium*
- **Biodistribution and tumor uptake of the anti-LAG-3 tracer [89Zr]Zr-BI 754111 in HNSCC and NSCLC patients progressing on previous anti-PD-1 treatment: first clinical experiences**  
I. H.C. Miedema - *Amsterdam UMC, The Netherlands*
- **Side by side comparison of [64Cu]Cu-NOTA-Fab and [64Cu]Cu-NOTA-denosumab for improved imaging of RANKL.**  
J. Dewulf - *Molecular Imaging Center Antwerp (MICA), University of Antwerp, Wilrijk, Belgium*

10.30 - 11.00 POSTER PITCHES PART 1

11.00-11.10 SPONSOR TALK 1: MOLECUBES

11.10-11.40 COFFEE BREAK

11.40-12:20 POSTER PITCHES PART 2

12:20-12:25 SPONSOR TALK 2: FUJI-FILM / VISUALSONICS

12.25 - 13.30 SCIENTIFIC SESSION 2 (BENEDICTE DESCAMPS - UGENT & GIORGIA ZAMBITO - ERASMUS MC)

- **Altered glymphatic clearance and AQP4 polarity in the late manifest-like stage of the Q175 KI Huntington's disease model**  
T. Vasilkovska - *Bio-Imaging lab, University of Antwerp, Antwerp, Belgium.*
- **Perfluorocarbon nanodroplets as externally triggerable 1H-MR contrast agents**  
B. Carlier - *Department of Oncology, KU Leuven, Leuven, Belgium.*
- **Detection by fluorescence of pituitary neuroendocrine tumour (PitNET) tissue during endoscopic transsphenoidal surgery using bevacizumab-800CW (DEPARTURE trial): preliminary results**  
I. Schmidt - *Department of Gastroenterology and Hepatology, University Medical Centre Groningen, Groningen, The Netherlands*
- **Developing an in vivo transgenic model for testing therapeutic combinations that induce an immune response in PDAC**  
R. McMorrow - *Department of Radiology and Nuclear Medicine, Erasmus Medical Centre, Rotterdam, the Netherlands*

13.30 - 14.00 LUNCH BREAK

14.00-14:30 POSTER SESSION + LUNCH BREAK

14.30 - 15.10 MEET THE EXPERT WORKSHOPS

- **HIGH FIELD MRI: MONIQUE BERNSEN ERASMUS MC; CHRIS KLINK - UTRECHT UNIVERSITY**
- **FROM BENCH TO BEDSIDE: MATTHIAS D'HUYVETTER - PRECIRIX; KARINE CLAUWAERT - ABCINT**

15.10 - 15.50 COFFEE BREAK

15.50 - 17.05 SCIENTIFIC SESSION 3 (YVONNE DERKS – RADBOUD UMC & BIRGER TIELEMANS - KUL)

- **Fluorescence molecular endoscopy using cetuximab-800CW to evaluate the response to neoadjuvant chemoradiotherapy in locally advanced rectal cancer: preliminary results.**  
A. M. v.d. Waaij, MD\* - *Department of Gastroenterology and Hepatology, University of Groningen, University Medical Center Groningen, Groningen, The Netherlands.*
- **Specific cholinergic stimulation of the medial septum-diagonal band of Broca via DREADDs improves reference memory in healthy rats**  
S. Missault - *Bio-Imaging Lab, University of Antwerp, Antwerp, Belgium.*
- **Dose Reduction and Image Enhancement in Micro-CT using Deep Learning**  
F. Muller - *MEDISIP-INFINITY, Department of Electronics and Information Systems, Faculty of Engineering and Architecture, Ghent University, Ghent, Belgium.*
- **Characterization of the novel mutant Huntingtin PET radioligand [11C]CHDI-009Rin the zQ175DN mouse model of Huntington's disease**  
F. Zajicek - *Molecular Imaging Center Antwerp (MICA), University of Antwerp, Antwerp, Belgium.*
- **Development of a bioluminescence imaging-based Galleria mellonella larva model for in vivo antifungal screening**  
L. Michiels - *KU Leuven, Department of Imaging and Pathology, Biomedical MRI/MoSAIC, Leuven, Belgium.*

17.05 - 17.20 CLOSING & AWARDS

17.20 – 18.00 RECEPTION

18.00 – 20.30 DINNER (PRE-REGISTRATION IS NEEDED AND WILL BE OPENED SOON)