Research outputs:

**Half-lives of \(^{132}\text{La}\) and \(^{135}\text{La}\)**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Liquid–liquid extraction in flow of the radioisotope titanium-45 for positron emission tomography applications**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Manganese-52: applications in cell radiolabelling and liposomal nanomedicine PET imaging using oxine (8-hydroxyquinoline) as an ionophore**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**\(^{135}\text{La}\) as an auger-electron emitter for targeted internal radiotherapy**
Research output: Contribution to journal › Journal article – Annual report year: 2018 › Research › peer-review

**Imaging neuronal pathways with \(^{52}\text{Mn}\) PET in rats**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2017 › Research › peer-review

**Imaging neuronal pathways with \(^{52}\text{Mn}\) PET: Toxicity evaluation in rats**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Neodymium-140 DOTA-LM3: Evaluation of an In Vivo Generator for PET with a Non-Internalizing Vector**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Optimized procedures for manganese-52: Production, separation and radiolabeling**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Production and utilization of unconventional radiometals for advanced diagnostics and therapy**

**Radionuclide therapy with tissue factor targeting Lu-177-FVIIai inhibits growth in an experimental mouse model of human pancreatic cancer**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Tissue factor targeted radionuclide therapy with \(^{177}\text{Lu}\)-FVIIai inhibits tumor growth of human pancreatic cancer xenografts**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2017 › Research › peer-review

**Towards Translational ImmunoPET/MR Imaging of Invasive Pulmonary Aspergillosis: The Humanised Monoclonal Antibody JF5 Detects Aspergillus Lung Infections In Vivo**
Research output: Contribution to journal › Journal article – Annual report year: 2017 › Research › peer-review

**Experimental study of Radiation induced DNA damage by internal Auger electron cascade compared to external \(\gamma\)-rays**
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2016 › Research › peer-review
In Vivo Radionuclide Generators for Diagnostics and Therapy
Research output: Contribution to journal › Journal article – Annual report year: 2016 › Research › peer-review

$^{52}$Mn – a new PET tracer for imaging neural pathways
Research output: Contribution to conference › Conference abstract for conference – Annual report year: 2016 › Research › peer-review

$^{135}$La for Auger-based therapy: preparation, imaging and emissions
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2015 › Research › peer-review

Bringing Radiotracing to Titanium-Based Antineoplastics: Solid Phase Radiosynthesis, PET and ex Vivo Evaluation of Antitumor Agent $[^{45}\text{Ti}]$(salan)$\text{Ti}$(dipic)
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Decay induced de-chelation of positron-emitting electron-capture daughters and its use in preclinical PET
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Mn-$^{52}$ as a PET Neural Tract Tracer
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Novel Preparation Methods of $^{52}$Mn for ImmunoPET Imaging
Research output: Contribution to journal › Journal article – Annual report year: 2015 › Research › peer-review

Optimized $^{52}$Mn Production for Longlived PET Applications
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

$^{52}$gMn – a new PET tracer for preclinical in vivo neuroimaging
Research output: Chapter in Book/Report/Conference proceeding › Conference abstract in proceedings – Annual report year: 2015 › Research › peer-review

Hydrolytically stable titanium-$^{45}$
Research output: Chapter in Book/Report/Conference proceeding › Article in proceedings – Annual report year: 2015 › Research › peer-review

Preparation of $[^{45}\text{Ti}]$ Ti-salan-dipic
Research output: Contribution to journal › Conference abstract in journal – Annual report year: 2014 › Research › peer-review

Projects:

Production of biologically relevant radionuclides to be used as diagnostics and therapeutics
Project: PhD