

Nantes Université

# Interdisciplinary School In Nuclear Medicine - ISI NucMed

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## Program 2023

### Highlights

4 days - 4 sites

- > **Day 1** : lectures on radio-isotope production, extraction, radiochemistry and dosimetry, along with a **visit of the ARRONAX cyclotron**
- > **Day 2** : poster session, dedicated practical work in molecular modeling
- > **Day 3** : lectures on artificial intelligence and radiomics, with dedicated practical works to image processing
- > **Day 4** : lectures on theranostic approaches, with a focus on At-211 radiopharmaceuticals

... and every day a clinical spot on nuclear medicine

	Monday 3 @ Arronax	Tuesday 4 @ Sciences faculty	Wednesday 5 @ Centrale Nantes	Thursday 6 @ IRS-UN
8:30 AM	Welcome			
9:30 AM	Radionuclide production <i>Férid Haddad</i>	Poster session	Introduction to artificial intelligence <i>Diana Mateus</i>	Of mice and men <i>Mickaël Bourgeois</i>
10:30 AM	Radiochemistry <i>François Guérard</i>	Coffee break	Coffee break	Coffee break
11:30 AM	Visit group 2	Poster session	Radiomics <i>Mathieu Hatt</i>	Radiopharmacy: a case study on At-211 <i>Emma Aneheim</i>
12:30 PM	Buffet	Buffet	Buffet	Buffet
2:00 PM	Spot on nuclear medicine	Practical work: molecular modeling <i>Nicolas Galland</i>	Practical work: image processing and deep learning <i>D. Mateus, A. Merasli, O. Thiery</i>	Theranostics <i>Clément Bailly</i>
2:45 PM	Internal dosimetry <i>Arnaud Dieudonné</i>	Coffee break	Coffee break	
4:15 PM	Coffee break	Practical work: molecular modeling <i>Nicolas Galland</i>	Practical work: image processing and deep learning <i>D. Mateus, A. Merasli, O. Thiery</i>	Farewell coffee
4:45 PM	Dosimetry for alpha <i>Nicolas Chouin</i>	Spot on nuclear medicine	Spot on nuclear medicine	
5:45 PM			Visit & Gala dinner 6:45 PM	

Mis à jour le 10 May 2023 - Anne LE PENNEC.

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**Source - <https://isinucmed.univ-nantes.fr/program>**