

Translational Research Program on Nanotechnology – PPT 1st International Symposium on Nanotechnology for Healthcare

PROGRAM

WEDNESDAY JUNE 17TH 2026

3RD INTERNATIONAL COURSE EMERGING TRENDS IN NANOBIO TECHNOLOGY & NANOMEDICINE

08:00 | 08:30 - Registration

08:30 | 09:00 - Opening Remarks



- Alda Maria da Cruz - Vice-President of Research and Biological Collections
- Zênia Maciel - General Coordinator for the Promotion of the Health Industrial Complex
- Wim Degraeve - Scientific Consultant for the Translational Research Program
- Cristiane Sendim - Executive Director of FIOTEC
- Coordenação Rede Fio-Nano:
 - Fábio Formiga - Aggeu Magalhães Institute, Fiocruz PE, Brazil
 - Carlos Eduardo Calzavara - René Rachou Institute, Fiocruz MG, Brazil

MASTER CLASS

09:00 | 10:00

Juan Manuel Irache - University of Navarra, Spain



THEMATIC
SEMINAR
1

NANOTECHNOLOGY TOWARDS LIFE SCIENCES: REVISITING CONCEPTS

CHAIR: Wim Degraeve - VPPCB

- 10:00 | 10:30 Eder Romero - University of Quilmes, Argentina
- 10:30 | 11:00 Coffee-break
- 11:00 | 11:30 Diego Martinez - Brazilian Nanotechnology National Laboratory (LNNano), Brazil
- 11:30 | 12:00 Heloisa Bordallo - University of Copenhagen, Denmark
- 12:00 | 1:30 Lunch



THEMATIC
SEMINAR
2

SYNTHESIS OF NANOPARTICLES FOR PHARMA & BIOTECH PRODUCTS

CHAIR: Helvécio Rocha - CDTS/Fiocruz RJ, Brazil

- 1:30 | 2:00 Leticia Marques - Croda, Brazil
- 2:00 | 2:30 Tiago Balbino - Federal University of Rio de Janeiro, UFRJ, Brazil
- 2:30 | 3:00 Eliana Lima - Federal University of Goiás, UFG, Brazil
- 3:00 | 3:30 Coffee-break



THEMATIC
SEMINAR
3

NANOMETROLOGY AND NANOTOXICOLOGY

CHAIR: Alessandra Aguiar - ICC - Fiocruz PR, Brazil

- 3:30 | 4:00 James Douth - ISIS/UKRI Neutron and Muon Source, UK
- 4:00 | 4:30 Christoph Malkmus - Fraunhofer Institute for Silicate Research ISC, Germany
- 4:30 | 5:00 Beatriz Patricio - Federal University of the State of Rio de Janeiro, UNIRIO, Brazil



1º SIMPÓSIO INTERNACIONAL DE
Nanotecnologia em Saúde

1ST INTERNATIONAL SYMPOSIUM ON
Nanotechnology for Healthcare

REALIZAÇÃO



PATROCÍNIO



APOIO



Translational Research Program on Nanotechnology – PPT 1st International Symposium on Nanotechnology for Healthcare

PROGRAM

THURSDAY JUNE 18TH 2026

PLENARY LECTURE

09:00 | 10:00

Mark Bathe - Biological Engineering, MIT, USA



SCIENTIFIC
SESSION

1

NANOPARTICLES FOR NUCLEIC ACID DELIVERY

CHAIR: Danielle Regina de Almeida de Brito e Cunha, Biomanguinhos-Rj, Brazil

- 10:00 | 10:30 Mariane Melo - Scripps Research Institute, USA
- 10:30 | 11:00 Coffee-break & Poster presentations
- 11:00 | 11:30 Ana Paula Dinis Ano Bom - Biomanguinhos, Fiocruz RJ, Brazil
- 11:30 | 12:00 Pedro Pires Guimarães - Federal University of Minas Gerais, Brazil
- 12:00 | 1:30 Lunch



SCIENTIFIC
SESSION

2

3D BIOPRINTING, AUTOMATION AND ENGINEERED NANOMATERIALS

CHAIR: Janine Boniatti - RPT/VPPCB

- 1:30 | 2:00 Hélder Santos - University of Groningen, Netherlands
- 2:00 | 2:30 Mariana Waghbi - Oswaldo Cruz Institute, Fiocruz RJ, Brazil
- 2:30 | 3:00 Coffee-break & Poster presentations
- 3:00 | 3:30 Jan Hansmann - Fraunhofer Institute for Silicate Research ISC, Germany
- 3:30 | 4:00 Ruy Beck - Federal University of Rio Grande do Sul, Brazil

THEMATIC ROUND TABLE

4:00 | 5:00

TRANSLATIONAL NANOMEDICINE: PLAYERS, COLLABORATION AND CONVERGENCE

Chairs: André Bastos Daher - Clinical Research Network, Fiocruz - RJ, Brazil



Camila Moreira - ANVISA, Brazil

Silvia Fialho - Funed MG, Brazil

Monica Felts - CNPq, Brazil

Leticia Koester - CAPES, Brazil



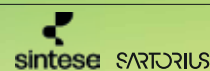
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Translational Research Program on Nanotechnology – PPT 1st International Symposium on Nanotechnology for Healthcare

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FRIDAY JUNE 19TH 2026

PLENARY LECTURE

09:00 | 10:00

Roger Leblanc - University of Miami, USA



SCIENTIFIC
SESSION

1

NANOMEDICINE IN CANCER

CHAIR: André Sampaio - Farmanguinhos, Fiocruz RJ, Brazil

- 10:00 | 10:30 Flávia Sousa - University of Groningen, Netherlands
- 10:30 | 11:00 Coffee-break & Poster presentations
- 11:00 | 11:30 Manuel Bañobre-López - International Iberian Nanotechnology Laboratory, Portugal
- 11:30 | 12:00 Carlos Calzavara - René Rachou Institute, Fiocruz MG, Brazil
- 12:00 | 1:30 Lunch



SCIENTIFIC
SESSION

2

NANOMEDICINE IN INFECTIOUS AND SOCIALLY DETERMINED DISEASES

CHAIR: Roberto Nicolete - Fiocruz Ceará, Brazil

- 1:30 | 2:00 Anna Carolina Pinheiro Lage - René Rachou Institute, Fiocruz MG, Brazil
- 2:00 | 2:30 Fabio R. Formiga - Aggeu Magalhães Institute, Fiocruz PE, Brazil
- 2:30 | 3:00 Coffee-break & Poster presentations
- 3:00 | 3:30 Alejandro Paredes - Queen's University Belfast, UK
- 3:30 | 4:00 André Mariúba - Instituto Leônidas Deane- Fiocruz Amazônia, Manaus, Brazil

POSTERS ON THE PODIUM

4:00 | 5:00

SELECTED ABSTRACTS PRESENTATION



CHAIRS: Alessandra Viçosa - Farmanguinhos, Fiocruz RJ, Brazil
Carlos E. Calzavara - René Rachou Institute, Fiocruz MG, Brazil



PRESENTATION AWARDS AND CONCLUDING REMARKS

5:00 **CLOSING CEREMONY**



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