

## Dr. Jason T. Duskey

### **Recent Work Information:**

Department of Life Sciences  
University of Modena and Reggio Emilia  
Modena, MO  
Italy  
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### Short Profile

- Ph.D. in Medicinal and Natural Products Chemistry (Pharmacy)
  - Peptide nanoparticle design for DNA/siRNA tumor targeting
- Career earnings of ~€500,000 in personal or collaborative funding
- 25 + publications in high tier peer-reviewed journals
- Postdoctoral fellowships at University of Basel and Modena and Reggio Emilia
  - Designed smart polymeric nanoparticles to deliver active biological compounds and characterization and optimization of PLGA nanoparticles for the delivery of enzymes
- Experienced in bioconjugate and polymer formulations for small drug, DNA, and siRNA payloads, peptide synthesis, and bio-conjugate chemistry
- Expert knowledge in cell culture and extensive knowledge in mouse models
- Trained and experienced with *in vivo* mouse handling and testing
- Extensive training with radiation and biohazard materials
- Supervised 23 students (8 bachelors, 5 masters, and 10 Ph.D.)
- Organized Courses
- Familiar/active in both Italian and German, Mother Language English
- >15 lectures at international conferences (10 invited guest speaker) and many posters
- International collaborations/network including France, Ireland, Switzerland, Australia, Italy, Germany, Columbia, Uruguay, and United States
- **13/04/2021 Abilitation awarded** BANDO D.D. 2175/2018, SETTORE CONCORSUALE 03/D2 TECNOLOGIA, SOCIOECONOMIA E NORMATIVA DEI MEDICINALI: Professore Universitario di Seconda Fascia (art. 16, comma 1, Legge 240/10)