Curriculum Vitae

Thomas Lee Moore, Ph.D.

Assistant Professor
Ricercatore a Tempo Determinato (Tipologia B)

Dipartimento di Farmacia
Università degli Studi di Napoli Federico II

1. PERSONAL INFORMATION

E-mail:	thomaslee.moore@unina.it	**Scopus**	36542652400
Website:	https://shinyapps.io/		0000-0002-7886-5245
Birth Date:	13 March 1987		tlmoore-UniNA
Citizenship:	USA, Italian work permit		

2. EDUCATION & ACADEMIC TITLES

Oct 2022 — **Abilitazione SC 03/D2 – SSD CHEM-08/A (già CHIM/09)**
Ministero dell'Istruzione (MIUR) - Abilitazione scientifica nazionale a Professore di II fascia (03/D2 Tecnologia, socioeconomia e normativa dei medicinali)

Aug 2013 — **PhD**
Department of Bioengineering, Clemson University, Clemson, SC, USA
Theranostic Nanoparticles for the Treatment of Cancer

May 2009 — **BSc**
Department of Bioengineering, Clemson University, Clemson, SC, USA

3. EMPLOYMENT HISTORY

Dec 2023–Present — **Assistant Professor** | RTD-b
Dipartimento di Farmacia, Naples, Italy
Università degli Studi di Napoli Federico II

Dec 2018–Nov 2023 — **Marie Skłodowska-Curie COFUND MINDED Research Fellow**
Istituto Italiano di Tecnologia, Genoa, Italy
Advisor: Prof. Paolo Decuzzi

Feb 2014–Oct 2018 — **Postdoctoral Researcher**
Adolphe Merkle Institute, Fribourg, Switzerland
Advisor: Prof. Alke Petri-Fink

Aug 2009–Aug 2013 — **Graduate Researcher & Teaching Assistant**
Department of Bioengineering, Clemson, SC, USA
Clemson University
Advisor: Prof. Frank Alexis

May 2007–May2009 — **Technical Assistant**
Poly-Med, Inc., Anderson, SC, USA
Supervisor: Dr. Joel Corbett

4. APPROVED RESEARCH PROJECTS

Dec 2018–Dec 2022 **Marie Skłodowska-Curie MINDED COFUND fellowship** to study the use of cells to transport particles across a biomimetic, microfluidic model of the blood–brain barrier. **€201,472** over 4-years, working in the group of Prof. Paolo Decuzzi at the Istituto Italiano di Tecnologia (Genoa, Italy)

5. SUPERVISION ACTIVITIES

Università degli Studi di Napoli Federico II
Dipartimento di Farmacia

PhD Students

Oct 2028 Simone Misto
Thesis title

Università degli Studi di Napoli Federico II
Dipartimento di Biotecnologie per la Salute

BSc Thesis (Tirocinio)

Sep 2025 Simone Fabio De Luca
Effect of lipid composition on mRNA-loaded lipid nanoparticle attributes

Sep 2025 Nicola D'Aria
Neural networks for optimizing drug combinations in poly(lactic-co-glycolic acid) nanoparticles

Mar 2025 Alessandra Caruso
Factor affecting the microfluidic production of lipid-based nanoparticles for therapeutic delivery

Dec 2024 Claudia Cardarelli
Injectable hydrogels for the controlled release of a new hydrophilic drug

May 2024 Emanuele Picciuti
The development of polymeric nanoparticles via an automated microfluidic method for the delivery of drugs to solid tumors

Université de Fribourg
Adolphe Merkle Institute

Internships

Feb 2017 Yehudah Gol | Swiss Youth Research program
Cooking Cancer: Gold Nanoparticle Hyperthermia as an Adjuvant to Chemotherapy

Aug 2016 Frederik Steiner
Intracellular Adsorption of Proteins on Silica-coated Magnetic Nanoparticles

Jul 2016 Linda Eggs
Temporal Effects on In Vitro Nanoparticle Uptake

Jun 2015 Alexandra Sobisch | NCCR Undergraduate Summer Research Program
Nanoparticle Interactions with Intracellular Proteins

Apr 2015 Flurin Jurt | Swiss secondary school final project (maturaarbeit)
Nanotechnology: Interaction between Cells and Nanoparticles

6. TEACHING ACTIVITIES

Università degli Studi di Napoli Federico II
Dipartimento di Farmacia

Sep 2025–Present — **Instructor** (XX hr, Y CFU) for the course *Tecnologia dei polimeri di interesse farmaceutico* (Polymers for Pharmaceutical Technologies) in the BSc/MSc degree program …, Dipartimento di Farmacia, Università degli Studi di Napoli Federico II (Naples, Italy)

Università degli Studi di Napoli Federico II
Dipartimento di Biotecnologie per la Salute

Sep 2024–Present — **Instructor** (60 hr, 6 CFU) for the course *Tecnologia e Legislazione Farmaceutiche* (Pharmaceutical Technology and Legislation) in the BSc degree program *Biotecnologie per la Salute*, Dipartimento di Medicina Molecolare e Biotecnologie Mediche, Università degli Studi di Napoli Federico II (Naples, Italy).

Istituto Italiano di Tecnologia
MINDED Research Programme

Dec 2023 — **Guest Lecturer** for 2× 1-hr lectures introducing programming for statistics, data analysis, data visualization, & machine learning in nanomedicine, Istituto Italiano di Tecnologia (Genoa, Italy).

Oct 2019 — **Lecturer**, 2-hour multi-disciplinary lecture introducing nanomaterials, their principles and applications for the Marie Curie MINDED research fellows, Istituto Italiano di Tecnologia (Genoa, Italy)

Université de Fribourg
Chemistry Department | Adolphe Merkle Institute

Sep 2017–Nov 2017 — **Lecturer**, independently developed 7× 2-hour lectures on the fundamentals of colloidal materials for a MSc-level Nanomaterials course, Chemistry Department, Université de Fribourg (Fribourg, Switzerland)

Dec 2016 — **Guest Lecturer**, supervised 2× 2-hour exercises where MSc students conducted literature searches and practiced oral presentation of data, Adolphe Merkle Institute (Fribourg, Switzerland)

Nov 2016 — **Guest Lecturer**, delivered a 1-hour lecture on Tissue Engineering for students in the Soft Materials MSc program, Adolphe Merkle Institute (Fribourg, Switzerland)

Nov 2016 — **Guest Lecturer**, led a 2-hour exercise for MSc students on Academic Debate, Adolphe Merkle Institute (Fribourg, Switzerland)

Clemson University
Department of Bioengineering

2009–2013 — **Teaching Assistant** for the courses: Introduction to Bioengineering, Introduction to Biomaterials, Drug Delivery (1× 1.5-hour guest lecture), and a Senior Design BSc student mentor. Bioengineering Department, Clemson University (Clemson, SC, USA)

2009–2013 — **Undergraduate student research mentor** for 11× BSc students. I trained them in the lab, generally supervised their lab work, and trained them on data analysis and scientific presentation preparation. Bioengineering Department, Clemson University (Clemson, SC, USA)

7. SCIENTIFIC OUTREACH & ENGAGEMENT

Invited Oral Presentations

Sep 2025	Exploring the frontiers of lipid nanoparticles for RNA delivery, *NanoInnovation 2025: YoungInnovation* (Rome, Italy)
Oct 2024	Automation and machine learning for elevated-throughput in nanomedicine development, *AI and In-Silico: How Digitalization Drives Drug Discovery and Development Symposium* (Bern, Switzerland)
Oct 2022	Nanomedicines: From formulation development to crossing biological barriers, *Autumn Meeting for Young Chemists in Biomedical Sciences* (Naples, Italy)
Sep 2018	Soft and rigid particles to probe cellular uptake and durotaxis, *National Center of Competence in Research Bio-Inspired Materials Annual Conference* (Charmey, Switzerland)
Jan 2017	Macrophages act as Trojan horses for the transport of nanoparticles across the endothelium, *Theodor Kocher Institute Seminar* (Bern, Switzerland)
Nov 2015	Gold nanoparticle characterization in complex biological media, *European Commission Joint Research Centre International Workshop* (Ispra, Italy)
Sep 2015	Considerations for measuring in vitro toxicity of nanomaterials, *Parenteral Drug Association Europe Conference: Particles in Injectables* (Berlin, Germany)

Oral Presentations

May 2025	Multi-drug nanoparticle cocktails optimized by machine learning for anti-cancer chemotherapy, *Controlled Release Society Italy Local Chapter 2025 Workshop* (Bari, Italy)
Jul 2022	Artificial neural network and supervised machine learning tools to predict microfluidic liposome formulations, *Controlled Release Society 2022 Annual Meeting* (Montreal, Canada)
Jul 2021	Discoidal particle hitchhikers to cross a microfluidic and biomimetic neurovascular model for the treatment of neurodevelopmental diseases, *Controlled Release Society 2021 Virtual Annual Meeting* (online)
Nov 2017	Shoot it or dilute it: Administration method in cell culture alters particle-cell interaction, *NanoBio&Med 2017* (Barcelona, Spain)
May 2017	Materials science in nanomedicine: A material's perspective, *CLINAM European Foundation for Clinical Nanomedicine* (Basel, Switzerland)[1]
Sep 2016	The effect of hydrodynamic shear stress on nanoparticle-cell interactions, *Trends in Nanotechnology International Conference* (Fribourg, Switzerland)
Sep 2012	Delivery of non-toxic drugs for enhancing brain cancer therapy, *Society for Biomaterials – Clemson University Biomaterials Day* (Clemson, SC, USA)

[1] Presenting in place of postdoctoral supervisor, Prof. Alke Fink

Conference Attendance

Jul 2024	MicrofluidicNP: A machine-learning platform for the microfluidic formulation development of nanomedicines, *Controlled Release Society Annual Meeting & Exposition* (Bologna, Italy)
Jul 2019	Cellular shuttles to transport particles across the blood–brain barrier, *Controlled Release Society Annual Meeting & Exposition* (Valencia, Spain)
Apr 2013	Radioluminescent polymer coated nanoparticles for imaging drug delivery to the brain, *SC Idea Networks for Biomedical Research Excellence Symposium, SC-INBRE* (Columbia, SC, USA)
Apr 2013	Nanoparticles to deliver non-toxic drugs for enhancing brain cancer therapy, *SC-INBRE* (Columbia, SC, USA)
Oct 2012	Targeted multifunctional nanoparticles for controlled delivery of anabolic bone therapy drugs, *Society for Biomaterials Fall Symposium* (New Orleans, LA, USA)

Society Memberships

2023–2025	CRS Young Scientist Committee, *member*
2020–2022	CRS Bioinspired & Biomimetic Delivery Focus Group board of directors, *Trainee Representative*
2020–2025	CRS Italy Local Chapter, *Young Scientist Communication Team*
2019–	Controlled Release Society (*CRS*)

8. POSITIONS OF TRUST

May 2026	**Scientific committee** for 14th Galenus Meeting (Naples, Italy)
May 2025	**Scientific committee** for the Mid-season Sutainable Pharmaceutical Applications (MiSuSPharmA) meeting (Naples, Italy)
Jul 2024	**Co-chair** for the session "Artificial Intelligence and Predictive Models in Pharmaceutical Technologies" at the CRS 2024 Annual Meeting (Bologna, Italy)
May 2024	**Collegio dei Docenti Dottorato Nazionale** member serving on the commission for the national selection of doctoral candidates
Jul 2023	**Young Scientist Committee** member serving on the planning committees for the CRS YSC scientific workshop.
Apr 2023	**Abstract evaluator** for the CRS 2023 Annual Meeting.
Oct 2022	**Session chair** for the CRS Italia Workshop: Unmet Medical Needs (Genoa, Italy)
Nov 2021	**Scientific committee** for the Autumn Meeting for Young Chemists in Biomedical Sciences (AMYC-BIOMED) 2021.
Sep 2021	**Session chair** for the 20th Advanced Course in Pharmaceutical Technology by the Associazione Docenti e Ricercatori Italiani di Tecnologie e Legislazione Farmaceutiche (*ADRITELF*).
Apr 2021	**Abstract evaluator** for the CRS Virtual 2021 Annual Meeting.

9. AWARDS & FELLOWSHIPS

Jul 2024	Italy local chapter **travel grant award** to attend the CRS Annual Meeting (Bologna, Italy)
	CRS Young Scientist Committee reduced registration fees **award** to attend the CRS Annual Meeting (Bologna, Italy)
Jul 2022	Italy local chapter young scientist **travel grant award** to attend the CRS Annual Meeting (Montreal, Canada)
Dec 2018	**Marie Skłodowska-Curie MINDED COFUND fellowship** (€201,472 over 4-years), Istituto Italiano di Tecnologia (Genoa, Italy)
Nov 2018	"Beyond global charge: Role of amine bulkiness and protein fingerprint on nanoparticle–cell interaction" featured as the **inside cover art** for the journal *Small*
Oct 2014	"Polymer-coated radioluminescent nanoparticles for quantitative imaging of drug delivery" featured as the **frontispiece art** for the journal *Advanced Functional Materials*
May 2013	Page Morton Hunter Bioengineering Graduate Researcher Award (given to the **top departmental researcher**), Clemson University (Clemson, SC, USA)
Feb 2013	"Monitoring pH-triggered drug release from radioluminescent nanocapsules with X-ray excited optical luminescence" featured in the *ACS Nano* podcast (Episode 67)
Feb 2013	"Multifunctional polymer coated carbon nanotubes for safe drug delivery" featured as the **cover art** for the journal *Particle & Particle Systems Characterization*
Sep 2012	**1st place award** for Graduate Research oral presentation at the Society for Biomaterials – Clemson University Biomaterials Day, Clemson University (Clemson, SC, USA)

10. PUBLICATIONS

Summary of Publication Data

		Scopus
h-index:		21
Sum of times cited:		2699
Citations per article:	(mean)	69
	(median)	22
Total no. publications:		39
No. first/co-first author publications:		15
No. corresponding author publications:		5

Peer-Reviewed Journal Publications

† Indicates these authors contributed equally

* Indicates corresponding author(s)

Original Research Articles

2025

1. Misto S, Balog S, Quaglia F, **Moore T**.* Comparison and validation of automated lipid nanoparticle production and characterization, under preparation

2. **Moore T**,* Pesce C, Greco A, Pisante C, Avancini G, Di Francesco V, Shamay Y, Decuzzi P. Unleashing the power of machine learning in nanomedicine formulation development, *Advanced Functional Materials*, (2025), in press

3. Villano E, Silvestri T, Brusco S, Esposito E, Indolfi C, **Moore T**, Mitidieri E, Sorrentino R, Quaglia F, Brocca P, d'Angelo I, d'Emmanuele di Villa Bianca R, Costabile G,* Ungaro F. Emulsion-solvent diffusion in a double-chip microfluidic platform for scalable production of lipid@PLGA nanoparticles delivering siRNA therapeutics, (2025), submitted

4. Spanò F, Portioli C, Geroski T, Felici A, Palange AL, Gawne PJ, Mamberti S, Bonnard T, **Moore T**, Del Sette M, Filipovic N, Vivien D, Decuzzi P. Enhancing thrombolysis safety in post-acute ischemic stroke with tissue plasminogen activator associated discoidal polymeric nanoconstructs, *ACS Nano*, 19: 22882–22899 (2025)

2024

5. Fragassi A, Greco A, Di Francesco M, Ceseracciu L, Ammar AA, Dvir I, **Moore T**, Kasem H, Decuzzi P.* Tribological behavior of shape-specific microplate-enriched synovial fluids on a linear two-axis tribometer, *Friction*, 12: 539-553 (2024)

2023

6. Di Francesco V,† Boso D,† **Moore T**,† Schrefler B, Decuzzi P.* Machine Learning assisted microfluidic production of curcumin-loaded liposomes, *Biomedical Microdevices*, 25: 29 (2023)
7. Miali M,* Chien W, **Moore T**, Felici A, Palange AL, Oneto M, Fedosov D, Decuzzi P. Assessing Differential Particle Deformability Under Microfluidic Flow Conditions, *ACS Biomaterials Science & Engineering*, 9: 3690–3698 (2023)
8. Palange AL, Di Mascolo D, Ferreira M, Gawne P, Spanò R, Felici A, Bono L, **Moore T**, Salerno M, Armirotti A, Decuzzi P.* Boosting the Potential of Chemotherapy in Advanced Breast Cancer Lung Metastasis via Micro-Combinatorial Hydrogel Particles, *Advanced Science*, 10: 2205223 (2023)

2022

9. Cook A,* Schlich M, Manghnani P, **Moore T**, Decuzzi P, Palange AL. Size effects of discoidal PLGA nanoconstructs in Pickering emulsion stabilization, *Journal of Polymer Science*, 60: 1480–1491 (2022)
10. Manghnani P, Di Francesco V, Panella La Capria C, Schlich M, Miali M, **Moore T**, Zunino A, Duocastella M, Decuzzi P.* Preparation of anisotropic multiscale micro-hydrogels via two-photon continuous flow lithography, *Journal of Colloid and Interface Science*, 608: 622–633 (2022)

2020

11. Septiadi D, Lee A, Spuch-Calvar M, **Moore T**, Spiaggia G, Abdussalam W, Rodriguez-Lorenzo L, Taladriz-Blanco P, Rothen-Rutishauser B, Petri-Fink A.* Particle surfaces to study macrophage adherence, migration, and clearance, *Advanced Functional Materials*, 30: 2002630 (2020)

2019

12. **Moore T**, Urban D, Rodriguez-Lorenzo L, Milosevic A, Spuch-Calvar M, Balog S, Rothen-Rutishauser B, Lattuada M, Fink A.* Nanoparticle administration method in cell culture alters particle-cell interaction, *Scientific Reports*, 9: 900 (2019)
13. Lusí V, **Moore T**, Laurino F, Coclite A, Perreira R, Ferreira M, Rizzuti I, Palomba R, Zunino P, Duocastella M, Mizrahy S, Peer D, Decuzzi P.* A tissue chamber chip for assessing nanoparticle mobility in the extravascular space, *Biomedical Microdevices*, 21: 41 (2019)

2018

14. Burnand D, Milosevic A, Balog S, Spuch-Calvar M, Rothen-Rutishauser B, Dengjel J, Kinnear C,* **Moore T**,* Fink A.* Beyond global charge: Role of amine accessibility on protein corona formation and nanoparticle cellular uptake, *Small*, 14: 1802088 (2018)
15. Rodriguez-Lorenzo L,* Rafiee S,† Reis C,† Milosevic A, **Moore T**, Balog S, Rothen-Rutishauser B, Rüegg C, Fink A.* A Rational and Iterative Process for Targeted Nanoparticle Design and Validation, *Colloids Surfaces B: Biointerfaces*, 171: 579-589 (2018)
16. Urban D, Milosevic A, Bossert D, Crippa F, **Moore T**, Geers C, Balog S, Rothen-Rutishauser B, Fink A.* Taylor dispersion of inorganic nanoparticles and comparison to dynamic light scattering and transmission electron microscopy, *Colloid Interface Science Communications*, 22: 29-33 (2018)

2017

17. **Moore T**, Hauser D, Gruber T, Rothen-Rutishauser B, Lattuada M,* Petri-Fink A,* Lyck R.* Cellular shuttles: Monocyte/macrophages exhibit transendothelial transport of nanoparticles under physiological flow, *ACS Applied Materials & Interfaces*, 9: 18501-18511 (2017)
18. Lemal P,† Geers C,† Monnier C, Crippa F, Daum L, Urban D, Rothen-Rutishauser B, Bonmarin M,* Petri-Fink A,* **Moore T**.* Lock-in thermography as a rapid and reproducible thermal characterization method for magnetic nanoparticles, *Journal of Magnetism and Magnetic Materials*, 427: 206-211 (2017)
19. Crippa F, **Moore T**, Mortato M, Geers G, Haeni L, Hirt AM, Rothen-Rutishauser B, Petri-Fink A.* Dynamic and biocompatible thermo-responsive magnetic hydrogels that respond to an alternating magnetic field, *Journal of Magnetism and Magnetic Materials*, 427: 212-219 (2017)
20. Chen H, Wang F, **Moore T**, Qi B, Sulejmanovic D, Hwu S, Mefford O, Alexis F, Anker J.* Bright X-ray and upconversion nanophosphors annealed using encapsulated sintering agents for bioimaging applications, *Journal of Materials Chemistry B*, 5: 5412-5424 (2017)

2016

21. Balog S, **Moore T**, Rothen-Rutishauser B, Petri-Fink A.* What we talk about when we talk about nanoparticle-cell interaction, *CHIMIA International Journal of Chemistry*, 70: 110 (2016)

2014

22. **Moore T**, Wang F, Chen H, Grimes SW, Anker J, Alexis F.* Polymer-coated radioluminescent nanoparticles for quantitative imaging of drug delivery, *Advanced Functional Materials*, 24: 5815-5823 (2014)
23. **Moore T**, Grimes S, Lewis R, Alexis F.* Multilayered polymer-coated carbon nanotubes to deliver dasatinib, *Molecular Pharmaceutics*, 11: 276-282 (2014)

24. **Moore T**, Podila R, Grimes S, Rao A, Alexis F.* Systemic administration of polymer-coated nanographene to deliver drugs to glioblastoma, *Particle & Particle Systems Characterization*, 31: 886-894 (2014)
25. **Moore T**,† Schreurs AS,† Morrison R, Jelen E, Loo SCJ, Globus R,* Alexis F.* Polymer-coated hydroxyapatite nanoparticles for the delivery of statins, *Journal of Nanomedicine & Nanotechnology*, 5: 237 (2014)
26. Chen H, Qi B, **Moore T**, Wang F, Colvin D, Sanjweewa D, Gore J, Hwu S, Mefford O, Alexis F, Anker J.* Multifunctional yolk-in-shell nanoparticles for pH-triggered drug release and imaging, *Small*, 10: 3364-3370 (2014)
27. Chen H, Qi B, **Moore T**, Colvin D, Gore J, Alexis F, Mefford O, Anker J.* Synthesis of brightly PEGylated luminescent magnetic up-conversion nanophosphors for deep tissue and dual MRI imaging, *Small*, 10: 160-168 (2014)
28. Mattix B, Olsen T, **Moore T**, Visconti R, Simionescu D, Alexis F.* Accelerated iron oxide nanoparticle degradation mediated by polyester encapsulation within cellular spheroids, *Advanced Functional Materials*, 24: 800-807 (2014)
29. Chen H, Sulejmanovic D, **Moore T**, Colvin D, Qi B, Mefford O, Gore J, Alexis F, Hwu S, Anker J.* Iron-loaded magnetic nanoparticles for pH-triggered drug release and MRI imaging, *Chemistry of Materials*, 26: 2105-2112 (2014)

2013

30. **Moore T**, Pitzer J, Podila R, Wang X, Lewis R, Grimes S, Wilson J, Skjervold E, Brown J,* Rao A,* Alexis F.* Multifunctional polymer coated carbon nanotubes for safe drug delivery, *Particle & Particle Systems Characterization*, 30: 365-373 (2013)
31. Chen H,† **Moore T**,† Qi B, Colvin D, Jelen E, Hitchcock D, He J, Mefford O, Gore J, Alexis F,* Anker J.* Monitoring pH-triggered drug release from radioluminescent nanocapsules with X-ray excited optical luminescence, *ACS Nano*, 7: 1178-1187 (2013)
32. Mattix B,† **Moore T**,† Uvarov O, Pollard S, O'Donnell L, Park K, Horne D, Dhulekar J, Olsen T, Kraveka J, Frankel B, Alexis F.* Effects of polymeric nanoparticle surface properties on interaction with brain tumor environment, *Nano LIFE*, 3: 1343003 (2013)
33. Podila R, **Moore T**, Alexis F, Rao A.* Graphene coatings for biomedical implants, *Journal of Visualized Experiments*, 73: e50276 (2013)
34. Podila R, **Moore T**, Alexis F,* Rao A.* Graphene coatings for enhanced hemo-compatibility of nitinol stents, *RSC Advances*, 3: 1660-1665 (2013)

2012

35. Chen H, Colvin D, Qi B, **Moore T**, He J, Mefford O, Alexis F, Gore J, Anker J.* Magnetic and optical properties of multifunctional core-shell radioluminescence nanoparticles, *Journal of Materials Chemistry*, 22: 12802-12809 (2012)

Review Articles

1. Ferillo T, Misto S, Iaccarino N, Costabile G, Quaglia F, **Moore T**.* Accelerating nanomedicine development through the synergy of lab automation and machine learning, under preparation
2. Longobardi G, **Moore T**, Conte C, Ungaro F, Satchi-Fainaro R, Quaglia F.* Polyester Nanoparticles delivering Chemotherapeutics: learning from the past and looking to the future, *WIREs Nanomedicine & Nanobiotechnology*, 16: e1990 (2024)

3. **Moore T**,* Panuzzo G, Costabile G, Palange AL, Spanò R, Ferreira M, Graziano AEC, Decuzzi P, Cardile V,* Nanomedicines to treat rare neurological disorders: The case of Krabbe disease, *Advanced Drug Delivery Reviews*, 203: 115132 (2023)

4. **Moore T**,* Cook A, Bellotti E, Palomba R, Manghnani P, Spanò R, Brahmachari S, Di Francesco M, Palange AL, Di Mascolo D, Decuzzi P. Shape-specific microfabricated particles for biomedical applications: A review, *Drug Delivery and Translational Research*, 12: 2038 (2022)

5. Septiadi D,†,* Crippa F,† **Moore T**,† Rothen-Rutishauser B, Fink A.* Nanoparticle-cell interactions: A mechanobiology perspective, *Advanced Materials*, 30: e1704463 (2018)

6. Kinnear C, **Moore T**, Rodriguez-Lorenzo L, Rothen-Rutishauser B, Petri-Fink A.* Form follows function: Nanoparticle shape and its implications for nanomedicine, *Chemical Reviews*, 117: 11476-11521 (2017)

7. **Moore T**,* Rodriguez-Lorenzo L, Hirsch V, Balog S, Urban D, Jud C, Rothen-Rutishauser B, Lattuada M,† Petri-Fink A.†,* Nanoparticle colloidal stability in cell culture media and impact on cellular interactions, *Chemical Society Reviews*, 44: 6287-6305 (2015)

8. **Moore T**, Chen H, Morrison R, Wang F, Anker J,* Alexis F.* Nanotechnologies for noninvasive measurement of drug release, *Molecular Pharmaceutics*, 11: 24-39 (2014)

9. Loo S,* **Moore T**, Banik B, Alexis F.* Biomedical applications of hydroxyapatite nanoparticles, *Current Pharmaceutical Biotechnology*, 11: 333-342 (2010)

Book Chapters

1. Fong W-K, **Moore T**, Balog S, Vanhecke D, Rodriguez-Lorenzo L, Rothen-Rutishauser B, Lattuada M, Fink A. Nanoparticle behaviour in complex media: Methods for characterizing physicochemical properties, evaluating protein corona formation, and implications for biological studies, in *Biological Responses to Nanoscale Particles* (Eds. Gehr P, Zellner R), Springer Nature Switzerland AG, Cham, Switzerland: 101-105 (2019)

2. **Moore T**, Graham E, Mattix B, Alexis F.* Nanoparticles to cross biological barriers, in *Biomaterials Science: An Integrated Clinical and Engineering Approach* (Eds. Rosen Y, Elman N), CRC Press, Boca Raton, FL, USA: 85-121 (2012)