PERSONAL INFORMATION

Polymer Scientist / Specialist, Development of Sustainable Polyesters

NEJIB KASMI, PhD

(One-page resume: here)

Current address: Amsterdam, Netherlands I nejibkasmi@gmail.com +31617357898

Personal website: https://nejibkasmi.com/ I Peer-reviewed articles: **27** (with > 1100 citations) , h-index: **22**

Member of ACS Biomacromolecules Early Career Board (2024) (LINK 1, LINK 2)

A solid scientific background and proven track-record in the development of fully biobased polyesters — made from renewable monomers - for use as sustainable Packaging Materials. Currently working as Technical / R&D Project Leader at Avantium

Scientific Societies: European network of FURAN based chemicals and materials FOR a Sustainable development (COST Action CA18220, LINK)

Links related to Nejib's Profile: Scopus, LinkedIn, Google Scholar, ResearchGate, ORCID

Language(s): English (Proficient user), French (Independent user), Arabic (Mother tongue)

Ph.D. in Polymer Chemistry

Master's Degree in Synthesis and Reactivity in Organic Chemistry

JOB-RELATED SKILLS AND EXPERTISE:

- Highly skilled Polymer Scientist / Chemist with both professional academic and industrial experience (**+ 7 years**), international research experience (in 6 EU countries), and a proven track record in the development of biobased polyesters for use as sustainable packaging materials.
- Experienced researcher with well-established international network and work experience in several leading European research groups (Greece, Sweden, Luxembourg, Italy, Germany, France).
- Strong **project management** + (team) supervision / leadership skills, problem-solving, and effective decision-making, along with strong communication skills with stakeholders (*e.g.* internally with the commercial, regulatory, and IP/Legal teams, or externally with clients), acquired through my current role at Avantium company as R&D Project Leader / Polymer Synthesis Specialist, and through professional courses and certifications (certificates attached to CV).
- A **recognized expert** in the development of biobased polyester-based packaging materials (with a focus on Bioplastics based on 2,5-furandicarboxylic acid):
  - ✧ *I've published **27** scientific publications in high-impact peer-reviewed journals, with ~ 1100 citations and an h-index of **22** "Scholar"*
  - ✧ *15 communications at **14** international conferences (in Sweden, France, Italy, Greece, Belgium, Portugal)*
  - ✧ ***AWARDS**: Best Presentation Award at the IUPAC Postgraduate Summer School on Green Chemistry - Venice, Italy (July 13, 2018), awarded by **L'Oréal Paris** and **Eni** Groups (LINK).*
  - ✧ *Guest Editor of Special Issue "Development of High-Performance Biobased Polyesters" in Polymers journal (Q1)*
  - ✧ ***Scientific societies**: Member of European network of FURan based chemicals and materials FOR a Sustainable development "FUR4Sustain" (COST Action CA18220, LINK)*
  - ✧ *Selected to be one of 24 scientists, assembled from across 4 continents, to join the American Chemical Society (ACS) Journal Biomacromolecules as members of the new Early Career Board (LINK 1, LINK 2).*
  - ✧ *Active as **Reviewer** of scientific peer-reviewed journals as a **subject matter Expert** "in the field of renewable polyester development" (LINK): (Elsevier Q1 journals): Polymer Testing, Materials Today Chemistry, Polymer Degradation and Stability, International Journal of Biological Macromolecules, Reactive and Functional Polymers, Journal of Supercritical Fluids. (MDPI Q1 journals): Polymers, International Journal of Molecular Sciences, etc.*
  - ▪ In-depth knowledge and technical understanding of the Design, Synthesis, and structure/property relationship of fully biobased polymers (homopolyesters, copolyesters, polyester blends, functionalized hyperbranched polyesters, and polyurethanes) derived from 2,5-furandicarboxylic acid (FDCA) and other renewable monomers (isosorbide, vanillic acid, succinic acid, among others).
  - ▪ Chemical Recycling of post-consumer *'polyester type'* plastics via depolymerization into value added circular materials / Integrating plastic waste in the circular economy / plastic waste management.
  - ▪ Excellent command of several synthesis techniques of polymers: Melt Polycondensation, Solid state Polycondensation, Polymer Blending, Ring-Opening Polymerization, In Situ polymerization, etc.
  - ▪ Investigation of crystallization, melting behavior, mechanical performance, and "enzymatic / in soil" biodegradability of renewable polymers / Organic chemistry / (Microwave-assisted) organic synthesis.
- Teaching experience of Master's students (104 h) at KTH Royal Institute of Technology in Stockholm, Sweden (certificate attached to CV).
- Effective supervision skills (gained through my experience as co/supervisor of BSc, MSc and PhD students at Universities).

PROFESSIONAL AND WORK EXPERIENCE

01/12/2023 to present

Technical / R&D Project Leader, Polymer Synthesis Specialist

AVANTIUM company (LINK) Amsterdam, Netherlands

- **Lead R&D projects across all phases** (*from ideation and planning to execution and implementation*): Development of sustainable plastic packaging materials (renewable Co/polyesters derived from 2,5-furandicarboxylic acid (FDCA) with emphasis on poly(ethylene furanoate) PEF, among others).
- Play a key role in driving innovation efforts by providing creative and effective solutions to technical product challenges.
- Actively engaged in fostering collaborations between academia (universities) and the company.
- Act as a Scientific Advisor in product development.

01/04/2023 - 30/11/2023

Researcher

Institute Charles Gerhardt Montpellier (ICGM), French National Centre for Scientific Research (CNRS), France

Research project: Development of reversibly designed crosslinked polymers based on dynamic covalent chemistry

01/11/2021-30/11/2022 **Researcher**
Department of fibre and Polymer Technology, KTH Royal Institute of Technology (LINK), Stockholm, Sweden
Research projects: - Microwave-assisted Chemical Recycling of post-consumer PET bottles into recyclable high-performance polyimines with exceptional mechanical performance, significantly outperforming most of available commodity plastics in the market! (research output: LINK)
- Development of highly transparent polyurethane thermosets, prepared from 100% renewable branched polyesters, with *"on demand"* tunable mechanical and thermal properties and enzymatic degradability (research output: LINK).
- In 2022: Teaching "*Polymer Physics course*" (KF2140) to first-year Master students (104 hours) at KTH

01/06/2021-31/10/2021 **Research Scientist**
Helmholtz-Zentrum Hereon (LINK), Berlin, Germany
Research activities: Synthesis and characterization of multifunctional polyester-based biomaterials for adaptive and active polymer systems

01/03/2019-23/04/2021 **Junior Research & Technology Associate**
Department of Materials Research and Technology, Luxembourg Institute of Science and Technology (LIST), Luxembourg.
Research project: New biopolymers based on renewable building blocks from catalytic deoxygenation of hemicelluloses – CATBIOSE.

01/04/2018-31/10/2018 **Postdoctoral Fellowship**
BIKIARIS Group (LINK), Laboratory of Polymer Chemistry and Technology, Aristotle University of Thessaloniki, Greece
Research project*: Furan-based Polyesters*
Main activities (supervision: Prof. Dimitrios Bikiaris, LINK): Design, Synthesis, and Study of new fully biobased Furanoate (Co-)polyesters and polyester blends from renewable resources-derived monomers

01/07/2017-31/03/2018 **Temporary Research Fellowship**
BIKIARIS Group, Aristotle University of Thessaloniki, Greece
Main activities (project: Furan-based Polyesters): Synthesis, investigation of crystallization behavior, and thermal analysis of biobased Furanoate (Co-)polyesters and sustainable polyester blends

16/09/2016-30/06/2017 **Mobility grant** within the frame of **Erasmus+** International Programme
BIKIARIS Group, Aristotle University of Thessaloniki, Greece
Main activities: Different studies have been conducted on biobased poly(ethylene furanoate) polyester (**PEF**)

01/05/2016-31/07/2016 **Research Assistant:** Polymer Engineering Group, University of Padova, Italy
Main activities (supervision: Prof. Alessandra Lorenzetti, LINK): Synthesis of rigid polyurethane foam insulation panels from new polyols based on renewable resources.
Funding source: National Interuniversity Consortium of Materials Science and Technology, Italy

29/01/2016-30/04/2016 **PhD Internship 3**
Polymer Engineering Group, University of Padova, Italy
Main activities: Synthesis of thermoplastic polyurethanes from new aromatic monomers derived from isosorbide

10/05/2015-10/07/2015 **PhD Internship 2**
Polymer Engineering Group, University of Padova, Italy
Main activities: Microwave-assisted synthesis of new biobased chiral monomers derived from isosorbide

01/05/2014-30/06/2014 **PhD Internship 1**
Department of Civil, Chemical, Environmental, and Materials Engineering, University of Bologna, Italy
Main activities (supervision: Prof. Annamaria Celli, LINK):
- Synthesis of new Isosorbide-based polyesters by melt polycondensation procedure
- Learning of new synthesis techniques and physicochemical analysis method specific for polymers

AWARDS & ACHIEVEMENTS

7-13/07/2018 Fully Funded Scholarship to attend IUPAC Postgraduate Summer School on Green Chemistry – Venice, Italy

13/07/2018 *Best Presentation Award* at the IUPAC Postgraduate Summer School on Green Chemistry – Venice, Italy, awarded by **L'Oréal** Group and **Eni** Group. (LINK)
Presentation Title: *Synthesis of New Eco-Friendly Copolyesters From Fully Renewable Resources: Poly(ε-Caprolactone-Co-Pentylene 2,5-Furandicarboxylate)*

Research project Furan-based polyesters (09.2016 – 10.2018): Investigation of polymerization conditions and catalysts for a variety of Furanoate polyesters, copolyesters and nanocomposites and how important parameters like thermal transitions, thermal degradation, biodegradability and mechanical properties are influenced.
Collaborators: D.N. Bikiaris, G.Z. Papageorgiou, N. Kasmi, Z. Terzopoulou. L. Papadopoulos.

EDUCATIONAL QUALIFICATIONS

Jan 2014- Mar 2018 — **PhD in polymer chemistry** (Merit: Very Honorable)
University of Monastir, Tunisia
PhD dissertation Title: *Valorisation of Isosorbide: Synthesis of new functional polymers*
Doctoral research activities were supervised by Professor Dimitrios Bikiaris from Aristotle University of Thessaloniki, Greece (LINK)

Sep 2011- Nov 2013 — **Master's degree in synthesis and reactivity in organic chemistry**
University of Monastir, Tunisia
Master Thesis Title: *Synthesis and characterization of new functional structures based on isosorbide*
With Distinction (16.50 /20). Final average mark (M1 +M2): 13.17/20. Number of acquired credits: 114/120

Sep 2008- Jun 2011 — **Bachelor's degree in chemistry**
University of Monastir, Tunisia
Number of acquired credits: 166/180 – (Rank: First year: **5**/55, Second year: **7**/59, Third year: **6**/67)

PRESENTATIONS AT INTERNATIONAL CONFERENCES

3-5/04/2024 — FUR4Sustain COST Action conference – Nice, France (Representing Avantium)
COST Action CA18220: European network of FURan based chemicals and materials FOR a Sustainable development

1-3/06/2022 — 1 communication at "Nordic Polymer Days 2022" – Gothenburg, Sweden
- Designed from Recycled PET packaging waste. N. Kasmi, M. Hakkarainen

26-29/09/2021 — 1 communication at "5th European Conference on Green and Sustainable Chemistry - 5th EuGSC" –Thessaloniki, Greece
- Tuning thermal properties and biodegradability of Isosorbide-based polyester by compositional control through copolymerization with 2,5-furandicarboxylic acid. N. Kasmi, Z. Terzopoulou, Y. Habibi, D.N. Bikiaris

15-17/07/2020 — 1 communication at "Milan Polymer Days Congress - MIPOL2020" – Milan, Italy
- Solvent-free synthesis of new fully biobased diol monomers through industrially viable approach: Toward new insights into the valorization of vanillic acid-based polyesters. N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

21-25/10/2019 — 1 communication at "6th EPNOE International Polysaccharide Conference" – Aveiro, Portugal
- Novel Fully Biobased Non-Isocyanate Polyurethanes from Hemicelluloses.
N. Kasmi, R. Dieden, D. da Silva-Perez, Y. Habibi

9-14/06/2019 — 1 communication at "European Polymer Congress 2019 (EPF 2019)" – Hersonissos Heraklion Crete, Greece
- From 2,5-furandicarboxylatic acid to vanillic acid novel biobased polyesters with promising properties.
N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

11-13/03/2019 — 1 communication at "Milan Polymer Days Congress - MIPOL2019" – Milan, Italy
- Synthesis, structure, and properties of novel biobased polyesters obtained from furan dicarboxylic acid and new fully renewable diols based on vanillic acid. N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

30/09/2018- 03/10/2018 — 1 communication at "12th Hellenic Polymer Society International Conference 2018" – Ioannina, Greece
- Synthesis of new eco-friendly copolyesters from fully renewable resources: poly(ε-caprolactone-co-hexamethylene 2,5-furandicarboxylate). N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

7-13/07/2018 — 1 communication at "IUPAC POSTGRADUATE SUMMER SCHOOL ON GREEN CHEMISTRY" – Venice, Italy
- Synthesis of new eco-friendly copolyesters from fully renewable resources: poly(ε-caprolactone-co-pentylene 2,5-furandicarboxylate). N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

28-31/05/2018 — 1 communication at "Bordeaux Polymer Conference" - BPC 2018 - Bordeaux, France
- Synthesis of new fully biobased random copolyesters: poly(hexamethylene-co-isosorbide 2,5-furandicarboxylate). N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris

11-13/9/2017 — 3 communications at "6th International Conference on Biodegradable and Biobased Polymers" - BIOPOL 2017- Mons, Belgium
- Synthesis of new fully renewable resources-based copolyesters: poly(1,4-cyclohexanedimethanol-co-isosorbide 2,5-furandicarboxylate). N. Kasmi, M. Majdoub, G.Z. Papageorgiou, D.N. Bikiaris
- Solid-state polymerization of poly(ethylene furanoate) biobased polyester: effect of catalyst type on molecular weight increase. N. Kasmi, M. Majdoub, G.Z. Papageorgiou, D.N. Bikiaris
- Crystallization and melting behavior of Poly(ethyene furanoate): Effects of molecular weight and nanofillers. G.Z. Papageorgiou, N. Kasmi, V. Mandraki, S. Exarhopoulos, D.N. Bikiaris

2-7/07/2017 — 1 communication at "European Polymer Federation, EPF Lyon 2017" – Lyon, France
- Poly(ethylene-2,5-furanoate) (PEF); A promising polyester for food packaging applications: from research synthesis to reality. D.N. Bikiaris, V. Tsanaktsis, Z. Terzopoulou, M. Nerantzaki, A. Chondroyiannis, E. Karakatsianopoulou, N. Kasmi, G.Z. Papageorgiou

15-16/2/2017 — 1 communication at "Milan Polymer Days, MIPOL2017" – Milan, Italy
- New thermally stable Isoidide-derived diols based on Isosorbide for the preparation of thermoplastic polyurethanes: Microwave-assisted synthesis and optimization. N. Kasmi, M. Majdoub, M. Modesti, A. Lorenzetti

3-7/5/ 2015 1 communication at "International Symposium on Green Chemistry" - ISGC2015 - La Rochelle, France

- Synthesis and characterization of new polyurethanes based on isosorbide. N. Kasmi, N. Hammami, M. Majdoub

REFEREED JOURNAL PUBLICATIONS (LINK)

h-index (Google Scholar): **22** - Top Co-authors: Prof. Dimitrios Bikiaris (LINK): [**21**] - Prof. George Z. Papageorgiou (LINK): [**20**]

Published papers (**27**)

(27) N. Kasmi*, Y. Chebbi, A. Lorenzetti, M. Hakkarainen*. Highly transparent polyurethane thermosets with tunable properties and enzymatic degradability derived from polyols originating from hemicellulosic sugars, *Green Chemistry* **2023**, *25*, 9908-9925. LINK

(26) N. Kasmi, E. Bäckström, M. Hakkarainen*. Open-loop recycling of post-consumer PET to closed-loop chemically recyclable high-performance polyimines, *Resources, Conservation and Recycling* **2023**, *193*, 106974. LINK

(25) M. Safari, N. Kasmi, C. Pisani, V. Berthé, A. J. Müller*, Y. Habibi. Effect of the structural features of linear bio-based polyester plasticizers on the crystallization of polylactides, *International Journal of Biological Macromolecules* **2022**, *214*, 128-139. LINK

(24) N. Kasmi*, Z. Terzopoulou, Y. Chebbi, R. Dieden, Y. Habibi, D.N. Bikiaris. Tuning thermal properties and biodegradability of poly(isosorbide azelate) by compositional control through copolymerization with 2,5-furandicarboxylic acid, *Polym. Degrad. Stab.* **2022**, *195*, 109804. LINK

(23) D. G. Papageorgiou*, I. Tsetsou, R. O. Ioannidis, G. Nikolaidis, S. Exarhopoulos, N. Kasmi, D. N. Bikiaris, D. Achilias, G. Z. Papageorgiou*. A new era in engineering plastics: compatibility and perspectives of sustainable alipharomatic poly(ethylene terephthalate)/poly(ethylene 2,5-furandicarboxylate) blends, *Polymers* **2021**, *13(7)*, 1070. LINK

(22) L. Papadopoulos, A. Zamboulis, N. Kasmi, M. Wahbi, C. Nannou, D. A. Lambropoulou, M. Kostoglou, G. Z. Papageorgiou, D. N. Bikiaris*. Investigation of the catalytic activity and reaction kinetic modeling of two antimony catalysts in the synthesis of poly(ethylene furanoate), *Green Chemistry* **2021**, *23*, 2507-2524. LINK

(21) N. Kasmi, C. Pinel, D. Da Silva Perez, R. Dieden, Y. Habibi. Synthesis and characterization of fully biobased polyesters with tunable branched architectures, *Polymer Chemistry* **2021**, *12*, 991-1001. LINK

(20) N. Kasmi, L. Papadopoulos, Y. Chebbi, G.Z. Papageorgiou, D.N. Bikiaris*. Effective and facile solvent-free synthesis route to novel biobased monomers from vanillic acid: Structure-thermal property relationships of sustainable polyesters, *Polym. Degrad. Stab.* **2020**, *181*, 109315. LINK

(19) Z. Terzopoulou, M. Wahbi, N. Kasmi, G.Z. Papageorgiou, D.N. Bikiaris*. Effect of additives on the thermal and thermo-oxidative stability of poly(ethylene furanoate) biobased polyester, *Thermochim. Acta* **2020**, *686,* 178549. LINK

(18) B. Quienne, N. Kasmi, R. Dieden, S. Caillol, Y. Habibi*. Isocyanate-free fully biobased star polyester-urethanes: synthesis and thermal properties, *Biomacromolecules,* **2020**, *21, 5,* 1943–1951. LINK

(17) N. Kasmi, N. Ainali, E. Agapiou, L. Papadopoulos, G.Z. Papageorgiou. D.N. Bikiaris*. Novel High Tg fully biobased poly(hexamethylene-co-isosorbide-2,5-furan dicarboxylate) Copolyesters: Synergistic Effect of Isosorbide Insertion on Thermal performance Enhancement, *Polym. Degrad. Stab.* **2019**, *169*, 108983. LINK

(16) N. Kasmi, M. Wahbi, L. Papadopoulos, Z. Terzopoulou, N. Guigo, N. Sbirrazzuoli, G.Z. Papageorgiou*. D.N. Bikiaris*. Synthesis and characterization of two new biobased poly(pentylene 2,5-furandicarboxylate-co-caprolactone) and poly(hexamethylene 2,5-furandicarboxylate-co-caprolactone) copolyesters with enhanced enzymatic hydrolysis properties, *Polym. Degrad. Stab.* **2019***, 160,* 242- 263. LINK

(15) N. Kasmi, N. Poulopoulou, Z. Terzopoulou, D.G. Papageorgiou*, D.N. Bikiaris, G.Z. Papageorgiou*. Sustainable Thermoplastics from Renewable Resources: Thermal behavior of Poly(1,4-cyclohexane dimethylene 2,5-furandicarboxylate), *Eur. Polym. J.* **2019***, 112,* 1-14. LINK

(14) Y. Chebbi, N. Kasmi, M. Majdoub, P. Cerruti, G. Scarinzi, M. Malinconico, G. Dal Poggetto, G.Z. Papageorgiou, D.N. Bikiaris*. Synthesis, Characterization, and Biodegradability of Novel Fully Biobased Poly(decamethylene-co-isosorbide 2,5-furandicarboxylate) Copolyesters with Enhanced Mechanical Properties, *ACS Sustain Chem. Eng.* **2019***, 7*, 5501-5514. LINK

(13) Y. Chebbi, N. Kasmi, M. Majdoub, G.Z. Papageorgiou*, D.N. Achilias, D.N. Bikiaris*. Solid-State Polymerization of Poly(Ethylene Furanoate) Biobased Polyester, III: Extended Study on Effect of Catalyst Type on Molecular Weight Increase, *Polymers* **2019**, *11*, 438. LINK

(12) N. Poulopoulou, A. Pipertzis, N. Kasmi, D.N. Bikiaris, D.G. Papageorgiou, G. Floudas, G.Z. Papageorgiou*. Green polymeric materials: On the dynamic homogeneity and miscibility of furan-based polyester blends, *Polymer* **2019**, *174*, 187-199. LINK

(11) N. Poulopoulou, N. Kasmi, M. Siampani, Z.N. Terzopoulou, D.N. Bikiaris, D.S. Achilias, D.G. Papageorgiou*, G.Z. Papageorgiou*. Exploring Next-Generation Engineering Bioplastics: Poly(alkylene furanoate)/Poly(alkylene terephthalate) (PAF/PAT) Blends, *Polymers* **2019**, *11*, 556. LINK

(10) Z. Terzopoulou, E. Tarani, N. Kasmi, L. Papadopoulos, K. Chrissafis*, D.G. Papageorgiou, G.Z. Papageorgiou, D.N. Bikiaris*. Thermal Decomposition Kinetics and Mechanism of In-Situ Prepared Bio-Based Poly(propylene 2,5-furan dicarboxylate)/Graphene Nanocomposites, *Molecules* **2019**, *24*, 1717. LINK

(9) N. Kasmi, M. Majdoub, G.Z. Papageorgiou*, D.N. Bikiaris*. Synthesis and crystallization of new fully renewable resources-based copolyesters: Poly(1,4-cyclohexanedimethanol-co-isosorbide 2,5-furandicarboxylate), *Polym. Degrad. Stab.* **2018**, *152*, 177-190. LINK

(8) N. Kasmi, G.Z. Papageorgiou*, D.S. Achilias, D.N. Bikiaris*. Solid-State Polymerization of Poly(Ethylene Furanoate) Biobased Polyester, II: An Efficient and Facile Method to Synthesize High Molecular Weight Polyester Appropriate for Food Packaging Applications, *Polymers* **2018**, *10*, 471. LINK

(7) N. Kasmi, Z. Terzopoulou, G.Z. Papageorgiou, D.N. Bikiaris*. Poly(1,4-cyclohexanedimethylene 2,6-naphthalate) polyester with high melting point: effect of different synthesis methods on molecular weight and properties, *eXPRESS Polym. Lett.* **2018**, *12*, 227-237. LINK

(6) N. Poulopoulou, N. Kasmi, D.N. Bikiaris, D.G. Papageorgiou, G. Floudas, G.Z. Papageorgiou*. Sustainable polymers from renewable resources: Polymer blends of furan-based polyesters, *Macromol. Mater. Eng*. **2018**, 1800153. LINK

(5) N. Kasmi, M. Majdoub, G.Z. Papageorgiou*, D.S. Achilias, D.N. Bikiaris*. Solid-state polymerization of poly(ethylene furanoate) biobased polyester, I: Effect of catalyst type on molecular weight increase, *Polymers* **2017**, *9*, 607. LINK

(4) N. Kasmi, M. Roso, N. Hammami, M. Majdoub, C. Boaretti, P. Sgarbossa, C. Vianello, G. Maschio, M. Modesti, A. Lorenzetti*. Microwave-assisted synthesis of isosorbide-derived diols for the preparation of thermally stable thermoplastic polyurethane, *Des. Monomers Polym.* **2017**, *20*, 547-563. LINK

(3) Z. Terzopoulou, N. Kasmi, V. Tsanaktsis, N. Doulakas, D.N. Bikiaris*, D.S. Achilias, G.Z. Papageorgiou*. Synthesis and Characterization of Bio-Based Polyesters: Poly(2-methyl-1,3-propylene-2,5-furanoate), Poly(isosorbide-2,5-furanoate), Poly(1,4-cyclohexanedimethylene-2,5-furanoate), *Materials* **2017***, 10,* 801. LINK

(2) Z. Terzopoulou, E. Karakatsianopoulou, N. Kasmi, V. Tsanaktsis, N. Nikolaidis, M. Kostoglou, G.Z. Papageorgiou, D.A. Lambropoulou, D.N. Bikiaris*. Effect of catalyst type on molecular weight increase and coloration of poly(ethylene furanoate) biobased polyester during melt polycondensation, *Polym. Chem.* **2017***, 8,* 6895-6908. LINK

(1) Z. Terzopoulou, E. Karakatsianopoulou, N. Kasmi, M. Majdoub, G.Z. Papageorgiou, D.N. Bikiaris*. Effect of catalyst type on recyclability and decomposition mechanism of poly(ethylene furanoate) biobased polyester*, J. Anal. Appl. Pyrolysis* **2017***, 126,* 357-370. LINK