

Editorial board

Gender diversity of editors and editorial board members



Data represents responses from 63.40% of 82 editors and editorial board members

Editorial board by country/region

78 editors and editorial board members in 31 countries/regions

1 China (12)
2 United States (8)
3 France (6)

[See more editors by country/region](#)

Editors-in-Chief

Tatiana Budtova

Mines ParisTech, Center for Materials Forming, Paris, France
Polysaccharides, Solutions, Gels, Aerogels, Composites

Manuel Coimbra

University of Aveiro Chemistry Department, Aveiro, 3810-193, Portugal
Carbohydrate polymers

Kevin J. Edgar

Virginia Polytechnic Institute and State University, Virginia Tech, 230A Cheatham Hall, 310 West Campus Drive, Blacksburg, 24061, United States
Polysaccharide chemistry, Synthesis, Derivatization, Structure-property relationships, Drug delivery, Hydrogels, Copolymers, Degradable and recyclable plastics

Managing Editors

Joyann Marks

The University of the West Indies at Mona, Mona, Jamaica
Cellulose, Starch, Polymer Films, Analytical Chemistry, Drug Delivery, Pullulan, Polysaccharide Chemistry
[View full biography](#)

Filipe Manuel Gomes

University of Aveiro, Campus Universitário, Aveiro, 3810-193, Portugal
Dietary Fiber, Cholesterol, Bile salts, Bioaccessibility and bioavailability, Functional ingredients, Vitamin delivery, Polysaccharides, Carbohydrates
[View full biography](#)

Editors

David Fengwei Xie

University of Nottingham Ningbo China, Ningbo, China
Polysaccharides, Biopolymers, Polymer composites, Polymer engineering, Structure-property relationships
[View full biography](#)

Bjørn Christensen

Norwegian University of Science and Technology, Trondheim, Norway
Polysaccharides, Structure-function relationships, Stability and degradation, gelation, biomaterials, chemical modification
[View full biography](#)

Cristina De Castro

University of Naples Federico II, Napoli, Italy
Capsular polysaccharide, Carbohydrate structure, GC-MS, Lipopolysaccharide, Molecular modeling, NMR, Viral autonomous glycosylation
[View full biography](#)

Sushil Dhital

Monash University Department of Chemical Engineering, Clayton, Victoria, Australia
Dietary fiber, hydrocolloids, enzyme kinetics, food structure
[View full biography](#)

Ulrica Edlund

KTH Royal Institute of Technology Department of Fibre and Polymer Technology, Stockholm, Sweden
polymers, polysaccharides, biorefinery, polymer chemistry, materials

André R. Fajardo

Federal University of Pelotas, PELOTAS, Brazil
Polysaccharide-based materials, Hydrogels, Biomaterials, Polysaccharide chemistry, Polysaccharide modification, Composites, Structure-property relationship
[View full biography](#)

Gloria Huerta-Angeles

Institute of Macromolecular Chemistry Czech Academy of Sciences, Praha, Czech Republic
Hyaluronan, medical devices, chemical characterization of polysaccharides.
[View full biography](#)

Feng Jiang

The University of British Columbia, Vancouver, British Columbia, Canada
Cellulose, nanocellulose, chitin, nanochitin, hydrogel, aerogel, foam, water treatment, fibers, energy storage, thermal management

Hiroshi Kamitakahara

Kyoto University, Kyoto, Japan
End-functionalization, Methylcellulose, Regioselective functionalization, Surface activity, Thermo-reversible supramolecular hydrogels, Cellulose

Fwu-Long Mi

Taipei Medical University, Department of Biochemistry and Molecular Cell Biology, School of Medicine, College of Medicine, Taipei, Taiwan
Chitosan, Fucoidan, Biomedical materials, Drug delivery, Nanoparticles

Laura Russo

University of Milan-Bicocca Department of Medicine and Surgery, Monza, Italy
Glycoscience, Biomaterials, Tissue Engineering, Medical Devices, Glycopolymers, Bioorganic Chemistry, 3D models, ECM mimics, 3D tissue models
[View full biography](#)

Carlos Stortz

University of Buenos Aires, Buenos Aires, Argentina
Polysaccharides, Carrageenans, Fucoidans, Cell wall polysaccharides, Molecular modeling of carbohydrates, DFT of carbohydrates

Jian-Yong Wu

The Hong Kong Polytechnic University, Hong Kong, Hong Kong
Functional foods, Gut microbiota, Medicinal fungi, Polysaccharides, Fermentation
[View full biography](#)

Founding Editors

John Blanchard †

John F. Kennedy

John R. Mitchell †

Editorial Board Members

Carmen Alvarez-Lorenzo, PhD

University of Santiago de Compostela, Santiago de Compostela, Spain
Cellulose derivatives, Drug carriers, 3D printing, Electrospinning, Drug-device combination products

[View full biography](#)

Rachel Auzely

Plant Macromolecule Research Centre, Grenoble, France
Aqueous gels/solutions, Chemical modification, Chitosans, Cyclodextrins, Gels/gelation, Glycosaminoglycans, Hyaluronic acid, Hydrogels, Materials involving carbohydrates

Emiliano Bedini, PhD

University of Naples Federico II Department of Chemistry Sciences, Napoli, Italy
Glycosaminoglycans, Semi-synthesis, Sulfation, Glycosylation

Michael Bortner, PhD

Virginia Polytechnic Institute and State University, Blacksburg, Virginia, United States
Cellulose derivatives, Co-polymers, Materials involving carbohydrates, Rheology, Films, Hydrolysis, Nanoparticles, Viscosity

Sami Boufi, PhD

University of Sfax Faculty of Sciences of Sfax, Sfax, Tunisia
Nanocomposites (nanocellulose, starch/nanocomposites, nanochitin, lignin), Biobased particles as colloidal stabilizer, Hybrid material based on cellulose and inorganic NPs

[View full biography](#)

H Cheng, PhD

USDA-ARS Southern Regional Research Center, New Orleans, Louisiana, United States
Biobased Materials, Polysaccharides, Chemical and Enzymatic Modifications, Packaging Films, NMR

Annie Chimphango, PhD

Stellenbosch University, Advanced Process Engineering, Stellenbosch, South Africa
Biomass conversion, Advanced biomaterials, Biocomposites, Starch/nanocomposites, Circular economy, Postharvest technologies, Bioenergy, Bioproducts, Biomaterials

[View full biography](#)

Marina Ciancia, PhD

University of Buenos Aires, Buenos Aires, Argentina
carbohydrates, polysaccharides, cellulose, structure of polysaccharides, seaweed polysaccharides, plant polysaccharides

[View full biography](#)

Ilídio J. Correia, PhD

University of Beira Interior, Covilhã, Portugal
Biomaterials, Drug Delivery, Nanotechnology, Tissue Engineering, Wound healing

Emily Cranston, PhD

The University of British Columbia, Vancouver, British Columbia, Canada
nanocellulose, biopolymers, bioplastics, colloids, interfaces, characterization

[View full biography](#)

Elvira De Gijlio, PhD

University of Bari Department of Chemistry, Bari, Italy
Analytical characterization, Cartilage repair, Biopolymers, Drug release, Surface characterization, Polysaccharides, Biomaterials, Biocomposites

Hongbing Deng

Wuhan University, Wuhan, Hubei, China
Biopolymers, Chitin and chitosan, Cellulose, Nanofibers, Biomaterials

[View full biography](#)

Jacques Desbrieres

University of Pau and Pays de l'Adour, Pau, France
Polysaccharides, Physico-chemistry (rheology, interfaces, treatment), Smart materials, Applications (cosmetics, food, wastewater treatment)

Pedro Fardim

Åbo Akademi University, Physics, Åbo, Finland

[View full biography](#)

Sophie Fourmentin, PhD

University of Littoral Côte d'Azur, Dunkerque, France
Anticancer, Controlled release, Cosmetics, Solvents, Formation

[View full biography](#)

Elisabete Frollini, Prof.

University of São Paulo, São Paulo, Brazil

Enzymatic hydrolysis, Lignocellulosic biomass, Polysaccharides-based materials, Cellulose-based synthesis

[View full biography](#)