Ing. Monika Holubová

PERSONAL INFORMATION

Name	Monika Holubová, maiden name Řebíčková
Address	Vodárenská 408, 293 01, Mladá Boleslav, Czech Republic
Telephone number	+420 723 009 765
E-mail address	monik.holubova@gmail.com
Date of birth	26. 8. 1990
Children	Teodor Holub (date of birth 17. 12. 2017)

WORK EXPERIENCE

01/09/2015 – Present
Institute of Macromolecular Chemistry Czech Academy of Science
Department of Supramolecular polymer systems
Researcher

01/09/2013 – 30/06/2015
Technical University of Liberec
Department of nanotechnology and informatics
Research assistant

01/01/2013 – 30/06/2014
Technical University of Liberec
Lector of professional disciplines
Work in the project Otevřená univerzita (Popularization of the science)

01/08/2012 – 30/09/2012
Glanztoff Bohemia s.r.o. of Lovosice
Preparation of samples for a chemical lab, a standard analysis. Preparation, execution, supervision and elaboration of documentation for experiments of viscose spinning with various ingredients

EDUCATION

01/09/2015 – Present
PhD student
Charles University
Faculty of Science
Postgraduate program – Physical chemistry

2013 – 2015
Ing.
Technical University of Liberec
Faculty of Mechatronics, informatics and interdisciplinary studies
Master's program – Nanotechnology

2010 – 2013
Bc.
Technical University of Liberec
Faculty of Mechatronics, informatics and interdisciplinary studies
Bachelor program – Nanotechnology

PERSONAL SKILLS

Mother tongue(s)	Czech
Other language(s)	English language – Preliminary English Test (B1)
	German language – Beginner
Computer skills	MS Office, Internet, Windows, OriginLab – advanced, Zetasizer Software
Other skills	Dynamic light scattering, Static light scattering, electron microscopes
Driving licence	B

ADDITIONAL INFORMATION

Publications

Publication in journals

M. Holubová, M. Hrubý, Terapeutika amyloidóz, Chem. List. 110 (2016) 851–859. http://www.chemicke-listy.cz/docs/full/2016_12_851-859.pdf (IF = 0.39)

M. Holubova, R. Konefał, Z. Moravkova, A. Zhigunov, J. Svoboda, O. Pop-Georgievski, J. Hromadkova, O. Groborz, P. Stepanek, M. Hruby, Carbon nanospecies affecting amyloid formation, *RSC Adv.* 7 (2017) 53887–53898. https://doi.org/10.1039/c7ra11296c. (IF = 3.07)

Holubová, M., Štěpánek, P. & Hrubý, M. Polymer materials as promoters/inhibitors of amyloid fibril formation. *Colloid Polym Sci* (2020). https://doi.org/10.1007/s00396-020-04710-8 (IF = 1.536)

M. Holubová, V. Lobaz, L. Loukotová, M. Rabyk, J. Hromádkova, O. Trhlíková, Z. Pechrová, O. Groborz, P. Štěpánek, M. Hrubý, Does polysaccharide glycogen behave as a promoter of amyloid fibril formation at physiologically relevant concentrations?, *Soft Matter*. (resubmitted) (IF = 3.14)

M. Holubová, V. Lobaz, L. Loukotová, M. Rabyk, J. Hromádkova, O. Trhlíková, Z. Pechrová, O. Groborz, P. Štěpánek, M. Hrubý, Chemically modified glycogens: How they influence formation of amyloid fibrils?, *Soft Matter*. (submitted) (IF = 3.14)

Chapter in a book

M. Holubová, Inorganic nanomaterials as promoters/inhibitors of amyloid fibril formation, in: C. Nardin, H. Schlaad (Eds.), Biol. Soft Matter, Wiley VCH, 2021: p. 400. (Chapter in a book, April 14, 2021)

Grant

In 2018, I obtained the student project from the Charles University Grant Agency (GA UK).

Name: Chemically modified glycogens as potential macromolecular therapeutics for amyloidoses

The financial of the project will be finished this year (2020).