

LIST OF PUBLICATIONS AND INVITED TALKS (1978-2019)
Prof. Ana Proykova, PhD, Doctor of Sciences (Doctor-Habil),
Faculty of Physics & Faculty of Mathematics and Informatics (since 24.10.2016)
St. Kliment Ohridski University of Sofia

I. Published opinions of the SCENIHR (2009-2013) and the SCHEER (2013-today) – scientific committees of the European Commission, DG Health and Food Safety:

EC-1) Scientific Basis for the Definition of the Term “nanomaterial”

Jim Bridges, Kenneth Dawson, Wim de Jong, Thomas Jung, Ana Proykova, Qasim Chaudhry, Ruth Duncan, Eric Gaffet, Keld Alstrup Jensen, Wolfgang Kreyling, Bernadette Quinn

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ISSN 1831-4783 ISBN 978-92-79-12757-1 doi:10.2772/39703 ND-AS-09-004-EN-N

EC-2) Opinion on the Environmental and Health Risks Posed by Depleted Uranium (2010)

Wolfgang Dekant, Pim De Voogt, Borut Peterlin, Marco Vighi, Pier Roberto Danesi, Victor Meineke, Ana Proykova

ISSN 1831-4775 ISBN 978-92-79-12754-0 doi:10.2772/3253 ND-AR-09-005-EN-N

EC-3) Health effects of security scanners for passenger screening (based on X-ray technology) (2012)

Anssi Auvinen, Thomas Jung, Ana Proykova, Denis Bard, Richard Paynter, Geraldine O'Reilly, Christoph Hoeschen, Peter O'Neill

ISSN 1831-4783 ISBN 978-92-79-26316-3 doi:10.2772/87426 ND-AS-12-004-EN-N

EC-4) Health Effects of Artificial Light (2012)

Mats-Olof Mattsson, Thomas Jung, Ana Proykova, Francine Behar-Cohen, Frank de Gruijl, James Ferguson, Johnni Hansen, Harry Moseley, Georges Zissis

ISSN 1831-4783 ISBN 978-92-79-26314-9 doi:10.2772/8624 ND-AS-12-002-EN-N

EC-5) Nanosilver: safety, health and environmental effects and role in antimicrobial resistance

Philippe Hartemann, Peter Hoet, Ana Proykova, Teresa Fernandes, Anders Baun, Wim De Jong, Juliane Filser, Arne Hensten, Carsten Kneuer, Jean-Yves Maillard, Hannu Norppa, Martin Scheringer, Susan Wijnhoven

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{cited in Silver Nanoparticles in the Environment, edited by Jingfu Liu, Guibin Jiang Springer 9783662460702, April 2015}

EC-6) Addressing the New Challenges for Risk Assessment (2013) (SCCS, SCHER, SCENIHR)

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ISSN 2315-0106 ISBN 978-92-79-31206-9 doi:10.2772/37863 ND-AZ-13-002-EN-N

EC-7) Opinion on Synthetic Biology I: Definition

Theo Vermeire, Michelle Epstein, Philippe Hartemann, Ana Proykova, Luis Martinez Martinez, Teresa Fernandes, Qasim Chaudhry, Suresh Chandra Rastogi, Rainer Breitling, Camille Delebecque, Timothy Gardner, Katia Pauwels, James Philp, Markus Schmidt, Eriko Takano

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ISSN 1831-4783 ISBN 978-92-79-30136-0 doi:10.2772/76553 ND-AS-13-006-EN-N

EC-8) Position Statement on emerging and newly identified health risks to be drawn to the attention of the European Commission (SCENIHR) (2014)
ISSN 1831-4783 ISBN 978-92-79-55011-9 Doi:10.2875/996348 EW-AS-16-001-EN-N
http://ec.europa.eu/health/scientific_committees/emerging/docs/scenihr_s_002.pdf

EC-9) Guidance on the Determination of Potential Health Effects of Nanomaterials Used in Medical Devices, Igor Emri, Philippe Hartemann, Ana Proykova, Konrad Rydzynski, Jim Bridges, Lars Bjursten, Wim De Jong, Robert Geertsma, Arne Hensten, Nils Gjerdet
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ISSN 1831-4783 ISBN 978-92-79-35590-5 doi: 10.2772/41391 ND-AS-14-001-EN-N

EC-10) Opinion on Synthetic Biology II: Risk assessment methodologies and safety aspects
Theo Vermeire, Michelle Epstein, Philippe Hartemann, Ana Proykova, Luis Martinez Martinez, Teresa Fernandes, Qasim Chaudhry, Suresh Chandra Rastogi, Rainer Breitling, Camille Delebecque, Timothy Gardner, Katia Pauwels, James Philp, Markus Schmidt, Eriko Takano
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ISSN 1831-4783 ISBN 978-92-79-43916-2 doi:10.2772/63529 ND-AS-14-004-EN-N
http://ec.europa.eu/health/scientific_committees/emerging/docs/scenihr_o_048.pdf

EC-11) Opinion on Synthetic Biology III: Risks to the environment and biodiversity related to synthetic biology and research priorities in the field of synthetic biology (64 pages)
3 December 2015 (ISSN 2315-0106; ISBN 978-92-79-54973-1 doi:10.2875/590512 EW-AZ-16-001-EN-N)
Theo Vermeire, Michelle Epstein, Philippe Hartemann, Ana Proykova, Luis Martinez Martinez, Teresa Fernandes, Qasim Chaudhry, Suresh Chandra Rastogi, Rainer Breitling, Camille Delebecque, Timothy Gardner, Katia Pauwels, James Philp, Markus Schmidt, Eriko Takano
https://ec.europa.eu/health/sites/health/files/scientific_committees/emerging/docs/scenihr_o_050.pdf

EC-12) Opinion on Biological effects of ultraviolet radiation relevant to health with particular reference to sunbeds for cosmetic purposes (17 November 2016)
<https://publications.europa.eu/en/publication-detail/-/publication/cbca2f2a-024a-11e7-8a35-01aa75ed71a1/language-en>
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ISSN 2467-4559 doi:10.2875/26719 ISBN 978-92-79-65684-2 EW-CA-17-002-EN-N
https://ec.europa.eu/health/sites/health/files/scientific_committees/scheer/docs/scheer_o_003.pdf
Ana Proykova, Theodoros Samaras, Rodica Mariana Ion, Pieter Jan Coenraads, Claire Beausoleil, Jean-Francois Doré, Rudiger Greinert, Philippe Hartemann, Norbert Leitgeb, Lesley Rushton, Greet Schoeters

EC-13) Opinion on Biological effects of UV-C radiation relevant to health with particular reference to UV-C lamps (2 February 2017) Theodoros Samaras, Ana Proykova, Renate Krätke, Rodica Mariana Ion, Pieter Jan Coenraads, Lesley Rushton, Norbert Leitgeb
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ISSN 2467-4559 doi:10.2875/569379 ISBN 978-92-79-80132-7 EW-CA-18-005-EN-N
https://ec.europa.eu/health/sites/health/files/scientific_committees/scheer/docs/scheer_o_002_0.pdf

EC-14) Guidance on the structure and content of SCHEER Opinions and statements (23 February 2017) Ana Proykova, Philippe Hartemann, Emanuela Testai, Theo Vermeire, Renate Krätke, Alena Bartonova, Claire Beausoleil, Teresa Fernandes, Jan Linders, Greta Schoeters
https://ec.europa.eu/health/sites/health/files/scientific_committees/scheer/docs/scheer_o_006.pdf
ISSN 2467-4559 ISBN 978-92-79-80076-4
doi:10.2875/31271 EW-CA-18-001-EN-N

EC-15) Potential risks to human health of Light Emitting Diodes (LEDs) (Preliminary 6 July 2017) (Final 6 June 2018)
Ana Proykova, Theodoros Samaras, Rodica Mariana Ion, Ellen Bruzell, Jean-François Doré, Massimo Nicolò, John O'Hagan, Celia Sánchez-Ramos, Linda van Kerkhof
https://ec.europa.eu/health/sites/health/files/scientific_committees/scheer/docs/scheer_o_011.pdf
DOI: 10.13140/RG.2.2.24119.62885

EC-16) Emerging Issues and the Role of the SCHEER, Position Paper (2018), 5-6 June 2018, © European Union, 2018
ISSN 2467-4559 doi:10.2875/33037 ISBN 978-92-76-00232-1 EW-CA-19-004-EN-N

EC-17) Memorandum on weight of evidence and uncertainties, (26 June 2018) Ana Proykova, Renate Krätke, Roberto Bertolini, Teresa Borges, Raquel Duarte-Davidson, Demosthenes Panagiotakos, Rémy Slama, Marian Scott, Emanuela Testai, Theo Vermeire, Marco Vighi, Alena Bartonova, Claire Beausoleil, Teresa Fernandes, Jan Linders, Greta Schoeters, Philippe Hartemann
ISSN 2467-4559 doi:10.2875/386011 ISBN 978-92-76-00233-8 EW-CA-19-005-EN-N
DOI: 10.13140/RG.2.2.10697.85604

EC-18) Statement on emerging health and environmental issues (2018) The SCHEER adopted this statement by written procedure on 20 December 2018, published 2019-02-22
ISSN 2467-4559 doi:10.2875/840266 ISBN 978-92-76-00231-4 EW-CA-19-003-EN-N

II. Peer-reviewed publications in English:(1978-2019)

1. A. Proykova, A. Minkova, B. Slavov, Ts. Bonchev, **Bulg. J. Phys.**, V (1978),3, p.248-258: **not in WoS ISSN 1310-0157 (print) ISSN:1314-2666 (on line)**" A Monte Carlo Calculation of the Energy and Angular Distribution of 19.6 keV Conversion Electrons in Thin Foils".
2. A. Proykova, **Nucl. Instr. Meth.** v.160 (1979),2,p.321:"*Depth Selection by Means of Scattered Electrons: Monte Carlo Calculation of Energy Distribution*"
ISSN=0168-9002 [https://doi.org/10.1016/0029-554X\(79\)90610-4](https://doi.org/10.1016/0029-554X(79)90610-4)
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3. A. Proykova, **Bulg. J. Phys.** VI(1979),1,p.28:"*Electron Scattering in Thin Foils*"
ISSN 1310-0157 (print) ISSN:1314-2666 (on line)
4. A. Proykova, **J.Phys.D**, v.12 (1979) p.87: "*A Monte Carlo Calculation of the angular distribution of muons in lead*"
JOURNAL OF PHYSICS D-APPLIED PHYSICS ISSN: 0022-3727
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7. P. Topalov and A. Proykova, **Nucl.Instr.and Meth. in Phys. Res. A236** (1985), p.142: "Angular Conversion Electron Mossbauer Spectroscopy(ACEMS) - a method for surface layer study" ISSN=0168-9002

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