

PhD seminar “title”
CURRICUL VITAE

Andrei Turtoi



1 Short CV

EDUCATION

- 06.2021 Habilitation (Habilitation à Diriger des Recherches)
Department of Health and Biology, University of Montpellier, France
04.2008 PhD, Faculty of Biology/ Department of Genetics, Technical University Dresden, Germany.
12.2004 Dipl. Ing. Faculty of Chemical Engineering/ University of Applied Sciences, Aachen,
Germany.

CURRENT POSITIONS

- 11.2016 Team Leader “Tumor Microenvironment and Resistance to Treatment” – Tenure --
Institut de Recherche en Cancérologie de Montpellier (IRCM)/ Inserm U1194,
Montpellier, France.
01.2020 Scientific Director “Montpellier Alliance for Metabolomics and Metabolism Analysis”,
Biocampus Metabolomics Platform, INSERM, CNRS, University of Montpellier, France.

PAST POSITIONS

- 2009-2016 PI, GIGA-Cancer, Metastasis Research Laboratory, University of Liege, Liege,
Belgium.
2008-2009 Post Doc., Faculty of Sciences/ Department of Chemistry, Mass Spectrometry Laboratory,
University of Liege, Liege, Belgium.
2005-2008 PhD Fellow, Institute of Medicine, Laboratory of Radiation Biology, Forschungszentrum
Jülich, Germany.

FELLOWSHIPS AND AWARDS

- 2017 Prime d'Encadrement Doctoral et de Recherche, INSERM, France.
2016 Hans-Monga Award for Excellence in Neoplasia Research, ASIP, Bethesda, MD, USA.

PhD in Chemical Sciences
Department of Chemistry "Ugo Schiff"
University of Florence

2015 Special Award of the Friends of University of Liege, Liege, Belgium.
2015 Research Award of the Belgian Group of Digestive Oncology, Brussels, Belgium.
2014 Nicolas Jacquet Award, Leon Fredericq Fund, Liege, Belgium.
2014 Merit Award, American Society for Investigative Pathology (ASIP), Bethesda, MD, USA.
2013 EPIT Award, American Society for Investigative Pathology (ASIP), Bethesda, MD, USA.

MEMBERSHIPS OF SCIENTIFIC SOCIETIES

Since 2012 American Society for Investigative Pathology, Bethesda, MD, USA.

LANGUAGES

English, German, French, Serbian (mother tongue), Romanian (mother tongue);

2 Bibliometric data

Authored 65 articles (# citations: 2206; H-index: 30);

<https://scholar.google.com/citations?user=EiWDOVYAAAAJ&hl=en>

<https://orcid.org/0000-0003-3813-6635>

3 Selection of the 10 most relevant publications and/or patents

1: Chiavarina B, Ronca R, Otaka Y, Sutton RB, Rezzola S, Yokobori T, Chiodelli P, Souche S, Maraver A, Faa G, Oyama T, Gofflot S, Bellahcène A, Detry O, Delvenne P, Castronovo V, Nishiyama M*, **Turtoi A***. Tumor-Antagonizing Fibroblasts Secrete Prolargin as Tumor Suppressor in Hepatocellular Carcinoma. **Oncogene**. 2022 Mar;41(10):1410-1420.

2: Souche R, Tosato G, Rivière B, Valats JC, Debourdeau A, Flori N, Pourquier D, Fabre JM, Assenat E, Colinge J*, **Turtoi A***. Detection of soluble biomarkers of pancreatic cancer in endoscopic ultrasound-guided fine-needle aspiration samples. **Endoscopy**. 2022 May;54(5):503-508.

3: Chiavarina B, Costanza B, Ronca R, Blomme A, Rezzola S, Chiodelli P, Giguelay A, Belthier G, Doumont G, Van Simaëys G, Lacroix S, Yokobori T, Erkhem-Ochir B, Balaguer P, Cavailles V, Fabbri E, Di Valentin E, Gofflot S, Detry O, Jerusalem G, Goldman S, Delvenne P, Bellahcène A, Pannequin J, Castronovo V, **Turtoi A**. Metastatic colorectal cancer cells maintain the TGF β program and use TGFBI to fuel angiogenesis. **Theranostics**. 2021 Jan 1;11(4):1626-1640. doi:10.7150/thno.51507. PMID: 33408771; PMCID: PMC7778592.

4: Costanza B*, **Turtoi A***, Bellahcène A, Hirano T, Peulen O, Blomme A, Hennequière V, Mutijima E, Boniver J, Meuwis MA, Josse C, Koopmansch B, Segers K, Yokobori T, Fahmy K, Thiry M, Coimbra C, Garbacki N, Colige A, Baiwir D, Bours V, Louis E, Detry O, Delvenne P, Nishiyama M, Castronovo V. Innovative methodology for the identification of soluble biomarkers in fresh tissues. **Oncotarget**. 2018 Jan 31;9(12):10665-10680. doi: 10.18632/oncotarget.24366. PMID: 29535834; PMCID: PMC5828218. (*co-first).

- 5: Blomme A, Costanza B, de Tullio P, Thiry M, Van Simaey G, Boutry S, Doumont G, Di Valentin E, Hirano T, Yokobori T, Gofflot S, Peulen O, Bellahcène A, Sherer F, Le Goff C, Cavalier E, Mouithys-Mickalad A, Jouret F, Cusumano PG, Lifrange E, Muller RN, Goldman S, Delvenne P, De Pauw E, Nishiyama M, Castronovo V, **Turtoi A**. Myoferlin regulates cellular lipid metabolism and promotes metastases in triple-negative breast cancer. **Oncogene**. 2017 Apr;36(15):2116-2130. doi: 10.1038/onc.2016.369. Epub 2016 Oct 24. PMID:27775075.
- 6: Maris P, Blomme A, Palacios AP, Costanza B, Bellahcène A, Bianchi E, Gofflot S, Drion P, Trombino GE, Di Valentin E, Cusumano PG, Mawaja S, Jerusalem G, Delvenne P, Lifrange E, Castronovo V, **Turtoi A**. Asporin Is a Fibroblast-Derived TGF- β 1 Inhibitor and a Tumor Suppressor Associated with Good Prognosis in Breast Cancer. **PLoS Med**. 2015 Sep 1;12(9):e1001871. doi: 10.1371/journal.pmed.1001871. PMID: 26327350; PMCID: PMC4556693.
- 7: **Turtoi A**, Blomme A, Bellahcène A, Gilles C, Hennequière V, Peixoto P, Bianchi E, Noel A, De Pauw E, Lifrange E, Delvenne P, Castronovo V. Myoferlin is a key regulator of EGFR activity in breast cancer. **Cancer Res**. 2013 Sep 1;73(17):5438-48. doi: 10.1158/0008-5472.CAN-13-1142. Epub 2013 Jul 17. PMID:23864327.
- 8: **Turtoi A**, Blomme A, Debois D, Somja J, Delvaux D, Patsos G, Di Valentin E, Peulen O, Mutijima EN, De Pauw E, Delvenne P, Detry O, Castronovo V. Organized proteomic heterogeneity in colorectal cancer liver metastases and implications for therapies. **Hepatology**. 2014 Mar;59(3):924-34. doi: 10.1002/hep.26608. Epub 2013 Dec 16. PMID: 23832580.
- 9: **Turtoi A**, Musmeci D, Wang Y, Dumont B, Somja J, Bevilacqua G, De Pauw E, Delvenne P, Castronovo V. Identification of novel accessible proteins bearing diagnostic and therapeutic potential in human pancreatic ductal adenocarcinoma. **J Proteome Res**. 2011 Sep 2;10(9):4302-13. doi: 10.1021/pr200527z. Epub 2011 Jul 29. PMID: 21755970.
- 10: **Turtoi A**, De Pauw E, Castronovo V. Innovative proteomics for the discovery of systemically accessible cancer biomarkers suitable for imaging and targeted therapies. **Am J Pathol**. 2011 Jan;178(1):12-8. doi: 10.1016/j.ajpath.2010.08.004. Epub 2010 Dec 23. PMID: 21224037; PMCID: PMC3069922.