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Europass Curriculum Vitae

Personal information

First name(s) / Surname(s) Massimo Nabissi
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Work experience

Dates 01 January 2018
Occupation or position held **Associate Professor**
Main activities and responsibilities

- Molecular and cellular biology studies in human cancers: endometrium, glioblastoma, multiple myeloma, bladder, prostate, pancreas.
- Plant extracts activities in inflammation and cancer
- Diet supplements effects in human health

2008-2017
Assistant Professor in General Pathology in School of Pharmacy and University of Camerino.

Name and address of employer University of Camerino
Via del Bastione, 62032 Camerino (Italy)

Type of business or sector Education and Research

Dates 01/04/2004 - 31/03/2007
Occupation or position held **Post-Doc in General Pathology**
Main activities and responsibilities Working in a research team involved in human glioma and urogenital cancer projects.
Name and address of employer University of Camerino

Via del Bastione, 62032 Camerino (Italy)

Type of business or sector Education and Research

Dates

04 March 1998 - 01 March 2004

Occupation or position held **Senior Scientist**

Main activities and responsibilities Genetic studies for increasing anthracycline compound production in *streptomyces* strain.

Name and address of employer Biosistema S.r.l. Rome, (Italy)

Type of business or sector Private Biotech

Scientific Activities

Dates June 1993 - September 1993

Occupation or position held **Invited Researcher**

Main activities and responsibilities GnRH receptor studies in teleostean

Name and address of employer University of Calgary
2500 University Dr. NW, T2N 1N4 Calgary (Canada)

Type of business or sector Education and Research

Dates May 1995 - June 1995

Occupation or position held EMBO Fellowship

Main activities and responsibilities EMBO Practical course: The use of *Xenopus* oocytes to study membrane transport & signal transduction

Name and address of employer Tel-Aviv University
Ramat Aviv, 69978 Tel Aviv (Israel)

Type of business or sector Education and Research

Dates May 1997 - May 1997

Occupation or position held EMBO participant

Main activities and responsibilities EMBO Workshop " Structure and function of nuclear receptors"

Name and address of employer Ettore Majorana Centre for Scientific Culture
Via Guarnotta, 26, 91016 Erice, Trapani (Italy)

Type of business or sector Education

Dates 06/1998 - 07/1998

Occupation or position held Consultant

Main activities and responsibilities Consultant in Biotechnology

Name and address of employer Menarini Biotech S.r.l. Research Toxicology Centre Spa
Via Speri Tito, 12, 00040 Pomezia, Rome (Italy)

Type of business or sector Professional, scientific and technical activities

Dates June 1998 - July 1998

Occupation or position held Consultant

Main activities and responsibilities Microplate DNA technology

Name and address of employer Innosense s.r.l.
Biopark, 10010 Colletterto Gianosa, TO (Italy)

Type of business or sector Professional, scientific and technical activities

Education and training

Date 2018

Title of qualification Full Professor in Scientific Sector. 06/N1 Qualification.

Date **2015**

Title of qualification Associate Professor in Scientific Sector. 06/N1 Qualification.

Dates 11/1992 - 10/1996

Title of qualification awarded **PhD in Cellular and Molecular Biology**

Principal subjects / occupational skills covered Role of Proopiomelanocortin (POMC) system in vertebrate reproduction.

Name and type of organisation providing education and training University "Sapienza"
Piazzale Aldo Moro 5, 00185 Rome (Italy)

Level in national or international classification ISCED 5

Dates October 1987 - July 1992

Title of qualification awarded **Degree in Biological Science**

Principal subjects / occupational skills covered Biology

Name and type of organisation providing education and training University of Camerino
Via del Bastione, 62026 Camerino (Italy)

Level in national or international classification ISCED 5

Personal skills and competences

Mother tongue(s) **Italian**

Self-assessment	Understanding		Speaking		Writing
<i>European level (*)</i>	Listening	Reading	Spoken interaction	Spoken production	
English	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user	B1 Independent user

(*) *Common European Framework of Reference (CEF) level*

Technical skills and competences **Protein Biology:** *FACS, Elisa, Western Blot, Immunocytochemistry, Immunohistochemistry, Protein profile.*
Cell Biology: *MTT, SB assay, Proliferation (BrdU), Cell Cycle, Apoptosis and Necrosis assay (PI, Annexin-V, DNA Ladder), ROS assay, Calcein Assay, Ca²⁺ influx, Migration assay.*
Molecular Biology: *DNA and RNA extraction, Real Time PCR, Gene Cloning, Stable and transient Gene Silencing (siRNA, shRNA, CrispCas9 assay), DNA plasmid transfection, Blot analysis, DNA mutagenesis, ChIP, Dropled Digital PCR.*

Computer skills and competences Knowledge of Microsoft Word, Excel, Power Point. Graphic Design

Driving licence(s) A, B

Additional information

Recent Scientific Interests

Endometrial cancer

1. Immunotherapy in endometrial cancer,
2. Cannabinoid receptors in endometrial cancer

Brain Cancer.

1. Transcriptional regulation of TRP channels,
2. Cannabinoids and Chemotherapeutic pathways dysregulation
3. Multidrug Combination Therapy

Bladder Cancer.

Effects of TRPV1 agonists in bladder cancer cells

Multiple Myeloma.

1. Cannabinoids and Chemo-therapeutic pathways dysregulation
2. Proteasome inhibitors in MM plasmacells proliferation. Mechanisms of action
3. Signaling pathways regulating MM plasmacells chemoresistance.

Prostate cancer.

1. The role of Adrenergic receptors in prostate cancer cell proliferation

Pancreas cancer

1. Isolation and characterization of Circulating Tumor Cells from Blood

Nutrition and Immunology

1. Detection of IgA in saliva and GLP-1 in serum samples in human

Plant extracts biology

1. Cellular and molecular analysis of plant extracts biology in human cell lines and in 3D cell cultures

CB2 ligand biology

1. Evaluation of biological activity of CB2 ligands

Scientific Collaborations:

National

1. National Institute of Health. Dept of Oncology and Hematology. Rome. Italy. Dr. Ricci Vitiani Lucia. (2009-)
2. Neuromed. Neurological Institute. Pozzilli (IS). Italy. DR. Arcella Antonietta (2007-)
3. Dept of Clinical Oncology. Ospedali Riuniti Ancona, Italy. Prof. Stefano Cascinu (2014-15)
4. Clinical of Hematology, Ospedali Riuniti, Ancona, Italy. Prof. Pietro Leoni (2008-)

International

1. Center for High Performance Computing, Shenzhen Institutes of Advanced Technology, Shenzhen, China, People's Republic of. Dr. Annie F. M. Siu (2014)
2. *GW Pharmaceuticals plc*. Porton Down Science Park Salisbury Wiltshire SP4 0JQ United Kingdom (2015-2016)

3. Professor Dr. Michael Decker Pharmazeutische und Medizinische Chemie Institut für Pharmazie und Lebensmittelchemie, Julius-Maximilians-Universität Würzburg Am Hubland, D-97074 Würzburg Germany (2016-)

GRANTS

1. PSR Marche 2019.
2. Immunotherapy and cannabis in multiple myeloma. Entourage Biosciences. 2019
3. Cannabinoids and Endometrial cancer. Enecta 2019
4. Ozonotherapy, cannabis and pancreatic cancer. Fondazione Amor Onlus. 2019
5. FAR 2019. UNICAM
6. FFABR 2017.
7. Evaluation of the anti-bacterial, anti-viral and immunostimulant activity of Stimunex® and Viprofast®. Sakura. 2017
8. Evaluation of Pre- and Probiotic in Atopic dermatitis. SinBiotech granted. 2017
9. Evaluation of enriched fiber food in Mucosal IgA regulation. FiberPasta s.r.l. 2017.
10. Anti-inflammatory and mucolytic activity analysis in 3D-epithelial bronchial cells of Thyme extract. EPO s.r.l. . 2017.
11. FAR Unicam. TOWARD THE USE OF RUTHENIUM COMPOUNDS AS IDEAL ANTICANCER AGENTS. 2016. Granted
12. Mucolytic and Antiinflammatory effect of different thyme extracts. EPO (Istituto Farmochimico Italiano). 2016. Granted
13. Mechanism of Carfilzomib Resistance in multiple myeloma cell lines. Ospedali Riuniti Grant (Prof. Pietro Leoni, Head of Hematology Department). 2015. Granted.
14. AIRC 2014. Presented by Prof. Cascinu Stefano. *Circulating tumor cells and exosomes in human pancreatic cancer. The impact on prognosis and treatment strategy.* Granted
15. Smart Polymeric Materials for eco-friendly antimicrobial application. FAR 2013. Granted
16. Pre-clinical project: Role of TRPV2 channels in plasmacells derived from patients diagnosed with multiple myeloma. Grant from AIL. Ethics Committee: Approval 01-2010. Granted
17. National Research Program (PRIN 2010). Resiniferatoxin and Capsaicin as modulators of apoptotic and autophagic interplay in bladder cancer. New therapeutic perspectives to improve clinical outcome. Granted
18. Determination of methods for operating room decontamination. Grant from FHP of R. Freudenberg sas. 2009. Granted

PATENTS

International

1. Use of Cannabinoids in the treatment of multiple myeloma. WO/2018/037203
2. Pompei; P.; Massi; M.; **Nabissi; M.**; Sparapani; P. Use of substance P antagonists in the treatment of the adenocarcinomas. United States Patent: 6,576,638 . PCT NO: PCT/EP00/06309. PCT PUB.NO.: WO01/01922

START UP/Spin-off

CEO Spin off ITD lab (Integrative Therapy Lab). UNICAM. <https://www.itd-lab.com>

Invited Speaker

1. Integrative activity in Glioblastoma. Intereg Conference. Ljubjana (SLO). Novembre 2019.
2. Antitumoral Activity of Medical Cannabis. Potential synergistic effects. Convegno Nazionale di Cannabis Terapeutica. La rete neurale e sistemica dei Cannabinoidi: evidenze istologiche, profili clinici e di terapia". Novembre 2019 Facoltà di Medicina dell'Università di Modena.
3. Medical cannabis in pancreatic cancer. Ottobre 2019, Bologna. Congresso AmourOnlus
4. NEW HORIZONS IN CANNABIS RESEARCH: MEDICAL AND FOOD APPLICATIONS. Napoli 3 Maggio 2019
5. Cannabis and cancer. Cannabeta, Atene Maggio 2018
6. Evidenze pre-cliniche su cannabis e tumori. MCEC events. Medical Cannabis European Conference. Firenze 9 Marzo
7. Cannabinoidi nelle terapie oncologiche. Stato dell'arte. Convegno di Oncologia Integrata. Modena 4 Marzo 2018
8. Cannabis terapeutica. Stato dell'arte. USL1 UMBRIA. 2 Dicembre 2017
9. Aggiornamento sulla Cannabis Terapeutica. "Cannabis e tumori". Rovigo 11 Novembre 2017.
10. Immuno-proteasome in Multiple Myeloma. New potential combination therapeutical approaches. European Cancer Summit 2017. September 4-5 Rome (IT).
11. La ricerca biologica sul Carfilzomib. MIELOMA MULTIPLO: PROSPETTIVE TERAPEUTICHE, FARMACO SOSTENIBILITÀ E ASPETTATIVE DEL PAZIENTE. Simposio Ematologi-Farmacisti. Corso di Formazione Multiregionale Marche-Abruzzo-Umbria. 19/5/2017 Ancona
12. Cannabinoids and Chemotherapy. CanapaMundi. Rome. February 2017
13. Roles of plant extract in cancer. Life Science Faculty, Jilin Agriculture University, China. Sept. 2016.
14. Breaking Research of Drug Discovery Biology at the 11th Annual Congress of International Drug Discovery Science & Technology, Therapy and EXPO (IDDST) with the theme "Discovery for Happiness and Health", which will be held during November 13-16, 2013, Hainan, China.
15. Sicurezza alimentare ed etichettatura: la nuova normativa UE 1169/2011. Formazione continua in medicina - Convegno ECM – PORTO SAN GIORGIO (FM), Giugno 2013
16. 9° Workshop Interattivo con casi clinic emblematici. Gruppo Ematologico Marchigiano per lo Studio del Mieloma Multiplo. Jesi (AN), 20-05-2012
17. 7° Workshop Interattivo con casi clinic emblematici. Gruppo Ematologico Marchigiano per lo Studio del Mieloma Multiplo. Titolo: *Ruolo della regolazione trascrizionale e funzionale dei*

recettori TRPV1 e TRPV2 in plasmacellule isolate da pazienti con mieloma multiplo all'esordio. Senigallia (AN), 20-05-2010

18. Fondazione Universitaria "G. D'Annunzio". Ce.S.I. Centro di Scienze dell'Invecchiamento. Titolo: Ruolo del recettore TRPV2 nella regolazione genica della chemio resistenza in cellule umane di glioblastoma. Chieti 26-03-2009
19. Corso ECM Azur 13. Presentazione: Regolazione dell'espressione genica di canali ionici in cellule tumorali. 24-11-2006
20. Conference of European Comparative Endocrinologist. Presentazione: Expression of three different gonadotropin-releasing hormone (GnRH) genes in the ovary of the marine teleost sea bream, *Sparus aurata*. Nijmegen 1998.

CONGRESS PARTICIPATION

1. International Cannabinoid Research Society. 2016. Bukowina, Poland.
2. Advanced Molecular Diagnostics for Biomarker Discovery. Technical University of Munich, Freising-Weihenstephan, Germany. 23-25/03/2015
3. International Drug Discovery Science & Technology. Haikou, China 13-16 Nov 2013
4. 6th European Workshop on Cannabinoid Research. Dublin, IR, April 2013
5. American Society in Clinical Oncology. Genitourinary Cancers Symposium. Orlando, FL, February 2013.
6. International Workshop on Transient Receptor Potential Channels. Valencia Spain, September 12-15, 2012 .
7. TRP meeting "Transient Receptor Potential Channel: from sensory signalling to human diseases". Stockholm, September 26-27, 2009.
8. ASCB 2009, San Francisco (CA), USA December 12-19, 2009.
9. 15th ECDO, Euroconference on Apoptosis. Portoroz, Slovenia. October 26-31, 2007
10. Cancer Therapeutics: The Road Ahead. Capri (Na). Italy. October 8-10, 2007
11. Cell and molecular biology of TRP channels. Bath, UK, September 7-8, 2006
12. Meeting of Neurosurgery "Advances in biology and treatment of malignant brain gliomas""Stem cells and Neurosciences" Rome, 23-24 September 2005
13. International meeting: Updates in neuro-oncology. Arezzo, Italy 25-26 2005
14. 22nd Conference of European Comparative Endocrinologists. Uppsala, Sweden August 24-28, 2004
15. International.Symp. on Amphib.Rept. Endocrinol.Neurobiol., Camerino , Italy 31 May 2001
16. 14th International.Congress of Comp.Endocrinol., Sorrento,Italy May 26-30, 2001
17. International Thachykinin Conference, La Grande Motte, Fr. October 17-20, 2000
18. 11th International Symposium Of the Biology of Actinomycetes, October 24-28, Creta, Greece.

19. DNA Analysis Conference, Florence February 26, 1999
20. Biomedicina, meeting in Molecular Medicine, Florence, June 25-26, 1998
21. 19th Conference of European Comparative Endocrinologists, September 4-9, 1998, Nijmegen, Olanda
22. 18th Conference of European Comparative Endocrinologists, September 10-14, 1996, Rouen, France
23. 12th International Symposium on Neurosecretion, September 20-22, 1995, Kiel, Germany
24. 4th European Oocyte Club Meeting, May 21-23, Tel Aviv, Israel
25. 17th Conference of European Comparative Endocrinologists, September 5-10, 1994, Cordoba, Spain
21. Bordeaux Aquaculture '94, March 23-25, 1994, Bordeaux, France
22. 16th Conference of European Comparative Endocrinologists, September 14-19, 1992, Padova, ITALY

Associate Editor:

Frontiers in Oncology

Journal of Molecular Sciences, section "Molecular Oncology".

Editorial Board Member:

1. World Journal of Clinical Oncology
2. Evidence-Based Complementary and Alternative Medicine
3. Frontiers Oncology

Reviewer for Scientific Journals

1. Cancer Chem Pharmacology
2. Autophagy
3. Cellular and Molecular Biology Letter
4. FEBS Letter
5. Carcinogenesis
6. International Journal of Cancer
7. Molecular Neurobiology
8. Plos One
9. World Journal of Gastroenterology
10. Evidence-Based Complementary and Alternative Medicine
11. Cellular Physiology and Biochemistry
12. Cell proliferation
13. Journal Of Stem cell Biology and Research
14. BBAS
15. Oncotarget
16. ABBS

17. Drug Design, Development and Therapy
18. Chem Biol Interaction
19. Cell Death and Disease

External Expert for European International Research Program (number of years as reviewer)

1. Reproducibility Review Panel: Cancer Biology-2016
2. COST (European Cooperation in Science and Technology) 2016
3. STRATEGMED, National Centre for Research and Development, Poland 2014
4. WHRI-ACADEMI International Fellowship programme, London, UK 2013-2016

Erasmus Tutor

1. Hossain A K M Mofasser. Stage to: Frida Fåk, Associate Professor. Department of Food Technology, Engineering and Nutrition. Applied Nutrition and Food Chemistry. Lund University, Sweden 2013
2. Hossain A K M Mofasser. Stage to: Professor Charles Brennan, Department of Wine, Food and Molecular Sciences, Lincoln University, New Zealand. 2014
3. Matteo Valeri. Stage to: Professor Dr. Michael Decker Pharmazeutische und Medizinische Chemie. Institut für Pharmazie und Lebensmittelchemie. Julius-Maximilians-Universität Würzburg, Am Hubland, D-97074 Würzburg. Germany. 2016

Ph.D. Tutor

1. Dr. Oliviero Marinelli. Immunotherapy in Endometrial cancer. UNICAM International Ph.D. program 2016-2018

University Committee

1. Committee for Pharmacist training. UNICAM

Annexes

UNIVERSITY CLASS (2006-).

From 2006: Teacher in School of Pharmacy and School of Biology and Biotechnology, University of Camerino.

2006/07

1. General Pathology, School of Pharmacy. (4 CFU) (*Degree in Pharmacy, ISF*)

2007/08

1. Pathology of Stress and Food Disorders. (2CFU) (*Degree in Fitness Science*)
2. Advanced Pathology. (5 CFU) (*Specialization School in Hospital Pharmacy*)
3. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)

2008/09

1. Pathology of Stress and Food Disorders. (2 CFU) (*Degree in Fitness Science*)
2. Advanced Pathology. (5 CFU) (*Specialization School in Hospital Pharmacy*)
3. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)

2009/10

1. Pathology of Stress and Food Disorders. (3 CFU) (*Degree in Fitness Science*)
2. Advance Food Pathology. (6 CFU) (*Degree in Biological Science*)
3. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)

2010/11

1. Advance Food Pathology. (8 CFU) (*Degree in Biological Science*)
2. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)

2011/12

1. Advance Food Pathology. (8 CFU) (*Degree in Biological Science*)
2. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)

2012/13

1. Advance Food Pathology. (6CFU)(*Degree in Biological Science*)
2. General and Molecular Pathology. (5 CFU) (*Degree in Chemical and Pharmaceutical Technology*)
3. General Pathology, School of Pharmacy. (9 CFU) (*Degree in ISF*)

2013/2014

1. General and Molecular Pathology. (6 CFU) (*Degree in Chemical and Pharmaceutical Technology*)
2. General Pathology, School of Pharmacy. (9 CFU) (*Degree in ISF*)

2014-

1. General and Molecular Pathology. (6 CFU) (*Degree in Chemical and Pharmaceutical Technology*)
2. General Pathology, School of Pharmacy. (7 CFU) (*Degree in ISF*)

International /National Teaching

1. Corso di specializzazione sulla Cannabis medicinale. Facoltà di Medicina .Università di Padova. 2017-
2. Fundamental of Pathology (8 CFU). Jilin University. China. 2016-
3. **Starting from January 2009:**

1. Responsible of E-learning courses in General Pathology and Physiopathology, Class in Pharmacy and Science and Technology of Fitness.

2012/2017: Teacher of Advanced Food Pathology in the Master Course:

Sport and Nutrition, SANIS School (<http://sanis.akesios.it>)

2012/2014: Teacher of General Pathology:

Course for Secondary School Abilations (PAS, TFA)

2016-: Teacher in General Pathology and Immunology, Jilin University, ChangChun, China.

Bibliography

1. Daniel J Klionsky et al. Guidelines for the use and interpretation of assays for monitoring autophagy (4th edition). *Autophagy*. 2021;17(1):1-382.
2. Santoni G, Amantini C, Nabissi M, Maggi F, Arcella A, Marinelli O, Eleuteri AM, Santoni M, Morelli MB. Knock-Down of Mucolipin 1 Channel Promotes Tumor Progression and Invasion in Human Glioblastoma Cell Lines. *Front. Oncol.*2021;11:578928.
3. Lah TT, Novak M, Pena Almidon MA, Marinelli O, Žvar Baškovič B, Majc B, Mlinar M, Bošnjak R, Breznik B, Zomer R, Nabissi M. Cannabigerol Is a Potential Therapeutic Agent in a Novel Combined Therapy for Glioblastoma. *Cells*. 2021;10(2):340.
4. Marinelli O, Annibali D, Morelli MB, Zeppa L, Tuyaeerts S, Aguzzi C, Amantini C, Maggi F, Ferretti B, Santoni G, Amant F and **Nabissi M** (2020) Biological Function of PD-L2 and Correlation With Overall Survival in Type II Endometrial Cancer. *Front. Oncol.* 10:538064. doi: 10.3389/fonc.2020.538064
5. Aguzzi C, Marinelli O, Zeppa L, Santoni G, Maggi F, **Nabissi M**. Evaluation of anti-inflammatory and immunoregulatory activities of Stimunex® and Stimunex D3® in human monocytes/macrophages stimulated with LPS or IL-4/IL-13. *Biomed Pharmacother.* 2020;132:110845. doi: 10.1016/j.biopha.2020.110845.
6. Luongo M, Marinelli O, Zeppa L, Aguzzi C, Morelli MB, Amantini C, Frassinetti A, di Costanzo M, Fanelli A, Santoni G, **Nabissi M**. Cannabidiol and Oxygen-Ozone Combination Induce Cytotoxicity in Human Pancreatic Ductal Adenocarcinoma Cell Lines. *Cancers (Basel)*. 2020;12(10):E2774. doi: 10.3390/cancers12102774.
7. Marinelli O, Morelli MB, Annibali D, Aguzzi C, Zeppa L, Tuyaeerts S, Amantini C, Amant F, Ferretti B, Maggi F, Santoni G, **Nabissi M**. The Effects of Cannabidiol and Prognostic Role of TRPV2 in Human Endometrial Cancer. *Int J Mol Sci*. 2020; 21(15):5409.
8. Rossi P, Cappelli A, Marinelli O, Valzano M, Pavoni L, Bonacucina G, Petrelli R, Pompei P, Mazzara E, Ricci I, Maggi F, **Nabissi M**. Mosquitocidal and Anti-Inflammatory Properties of The Essential Oils Obtained from Monoecious, Male, and Female Inflorescences of Hemp (*Cannabis sativa* L.) and Their Encapsulation in Nanoemulsions. *Molecules*. 2020;25(15):3451.
9. Santoni G, Morelli MB, Marinelli O, **Nabissi M**, Santoni M, Amantini C. Calcium Signaling and the Regulation of Chemosensitivity in Cancer Cells: Role of the Transient Receptor Potential Channels. *Adv Exp Med Biol*. 2020;1131:505-517
10. Santoni G, Morelli MB, Santoni M, **Nabissi M**, Marinelli O, Amantini C. Targeting Transient Receptor Potential Channels by MicroRNAs Drives Tumor Development and Progression. *Adv Exp Med Biol*. 2020;1131:605-623.

11. Santoni G, Amantini C, Maggi F, Marinelli O, Santoni M, **Nabissi M**, Morelli MB. The TRPV2 cation channels: from urothelial cancer invasiveness to glioblastoma multiforme interactome signature. *Lab Invest.* 2019; 100(2):186-198.
12. Scheiner M, Dolles D, Gunesch S, Hoffmann M, **Nabissi M**, Marinelli O, Naldi M, Bartolini M, Petralla S, Poeta E, Monti B, Falkeis C, Vieth M, Hübner H, Gmeiner P, Maitra R, Maurice T, Decker M. Dual-Acting Cholinesterase-Human Cannabinoid Receptor 2 Ligands Show Pronounced Neuroprotection in Vitro and Overadditive and Disease-Modifying Neuroprotective Effects in Vivo. *J Med Chem.* 2019; 62(20):9078-9102.
13. Marinelli O, Annibali D, Aguzzi C, Tuyaerts S, Amant F, Morelli MB, Santoni G, Amantini C, Maggi F and **Nabissi M** (2019) The Controversial Role of PD-1 and Its Ligands in Gynecological Malignancies. *Front. Oncol.* 9:1073.
14. Amantini C, Morelli MB, **Nabissi M**, Piva F, Marinelli O, Maggi F, Bianchi F, Bittoni A, Berardi R, Giampieri R, Santoni G. Expression Profiling of Circulating Tumor Cells in Pancreatic Ductal Adenocarcinoma Patients: Biomarkers Predicting Overall Survival. *Front Oncol.* 2019;9:874.
15. **Nabissi M.**, Amant, F., Gehrig, P., eds. (2019). *Endometrial Cancer: From Biological to Clinical Approaches.* Lausanne: Frontiers Media.
16. Morelli MB, Amantini C, Tomassoni D, **Nabissi M**, Arcella A, Santoni G. Transient Receptor Potential Mucolipin-1 Channels in Glioblastoma: Role in Patient's Survival. *Cancers (Basel).* 2019;11(4). 525
17. Morelli MB, Amantini C, **Nabissi M**, Santoni G, Wünsch B, Schepmann D, Cimarelli C, Pellei M, Santini C, Fontana S, Mammoli V, Quaglia W, Bonifazi A, Giannella M, Giorgioni G, Piergentili A, Del Bello F. Role of the NMDA Receptor in the Antitumor Activity of Chiral 1,4-Dioxane Ligands in MCF-7 and SKBR3 Breast Cancer Cells. *ACS Med Chem Lett.* 2019;10(4):511-516
18. Brunetti A, Marinelli O, Morelli MB, Iannarelli R, Amantini C, Russotti D, Santoni G, Maggi F, **Nabissi M**. Isofuranodiene synergizes with temozolomide in inducing glioma cells death. *Phytomedicine.* 2019;52:51-59.
19. **Nabissi M**, Marinelli O, Morelli MB, Nicotra G, Iannarelli R, Amantini C, Santoni G, Maggi F. Thyme extract increases mucociliary-beating frequency in primary cell lines from chronic obstructive pulmonary disease patients. *Biomed Pharmacother.* 2018;105:1248-1253
20. Marinelli O, **Nabissi M**, Morelli MB, Torquati L, Amantini C, Santoni G. ICOS-L as a Potential Therapeutic Target for Cancer Immunotherapy. *Curr Protein Pept Sci.* 2018.
21. Santoni G, Morelli MB, Amantini C, Santoni M, **Nabissi M**, Marinelli O, Santoni A. "Immuno-Transient Receptor Potential Ion Channels": The Role in Monocyte- and Macrophage-Mediated Inflammatory Responses. *Front Immunol.* 2018;9:1273.

22. Benelli G, Pavela R, Lupidi G, **Nabissi M**, Petrelli R, Ngahang Kamte SL, Cappellacci L, Fiorini D, Sut S, Dall'Acqua S, Maggi F. The crop-residue of fiber hemp cv. Futura 75: from a waste product to a source of botanical insecticides. *Environ Sci Pollut Res Int*. 2018;25(11):10515-10525.
23. Santoni G, Amantini C, Morelli MB, Tomassoni D, Santoni M, Marinelli O, **Nabissi M**, Cardinali C, Paolucci V, Torniai M, Rinaldi S, Morgese F, Bernardini G, Berardi R. High CTLA-4 expression correlates with poor prognosis in thymoma patients. *Oncotarget*. 2018;9(24):16665-16677
24. Dolles D, Hoffmann M, Gunesch S, Marinelli O, Möller J, Santoni G, Chatonnet A, Lohse MJ, Wittmann HJ, Strasser A, **Nabissi M**, Maurice T, Decker M. Structure-Activity Relationships and Computational Investigations into the Development of Potent and Balanced Dual-Acting Butyrylcholinesterase Inhibitors and Human Cannabinoid Receptor 2 Ligands with Pro-Cognitive in Vivo Profiles. *J Med Chem*. 2018, 22;6:1646-1663.
25. Amantini C, Farfariello V, Cardinali C, Morelli MB, Marinelli O, **Nabissi M**, Santoni M, Bonfili L, Cecarini V, Eleuteri AM, Santoni G. The TRPV1 ion channel regulates thymocyte differentiation by modulating autophagy and proteasome activity. *Oncotarget*. 2017;8(53):90766-90780.
26. Benelli G, Pavela R, Lupidi G, **Nabissi M**, Petrelli R, Ngahang Kamte SL, Cappellacci L, Fiorini D, Sut S, Dall'Acqua S, Maggi F. The crop-residue of fiber hemp cv. Futura 75: from a waste product to a source of botanical insecticides. *Environ Sci Pollut Res Int*. 2017.
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