

Curriculum Vitae

Personal information **Panagiota Tsantili**

Work experience

1. Employer: National Organization for Medicines
 - Start date: 06-2009
 - End date:
 - Position: Deputy Head, Section of Biological Products, Evaluation Division (October 2023 -)
 - Activities: Quality, Non_Clinical and Clinical assessment of biological products [Biologicals of recDNA origin, Neurotoxins, Blood products (Coagulation factors, Intravenous Immunoglobulins), Vaccines].
 - Scientific Board of approvals for Biological products (national applications): Scientific Secretary (October 2018-June 2023).
 - Biosimilar Medicinal Products Working Party (BMWP) Observer Appointment: October 2010 - May 2023.
 - Biologics Working Party (BWP) Alternate member: June 2014 - March 2023. Member: June 2023-present.
 - HMA, Biosimilar Working Group (BSWG) Member : Sept. 2021- present
 - Country: Greece
2. Employer: Ministry of Health and Social Solidarity
 - Start date: 10-2006
 - End date: 06-2009
 - Position: Division of Medicines and Pharmacies
 - Activities: Pharmacist, Section of Opioid Analgesics
 - Country: Greece
3. Employer: Technological Educational Institute of Athens (TEI), Dept. of Medical Laboratories.
 - Start date: 09-2003
 - End date: 06-2005
 - Position: Teaching position, (Associate Professor level)
 - Activities: Course in Biology
 - Country: Greece
4. Employer: Massachusetts General Hospital_Harvard Medical School, Dept. of Surgery,Antibody Engineering Laboratory _ Boston, MA
 - Start date: 02-2000
 - End date: 11-2001
 - Position: Post_Doctoral Research Fellow.
 - Activities: Refinement of recombinant antibody structure for immunotherapy. Insertional mutagenesis in CDR loops to modify the specificity of antidigoxin Fab fragments. Identification of antigenic epitopes of Streptokinase (SK).
 - Country: United States
5. Employer: Boston University School of Medicine, Section of Molecular Genetics, Cardiovascular Institute, Boston, MA
 - Start date: 04-1998
 - End date: 01-2000
 - Position: Post_Doctoral Research Fellow
 - Activities: Structure_function analysis of the transcription activation domains of Hepatocyte Nuclear Factor 4
 - Country: United States

Education and training

1. National & Kapodistrian University of Athens, Department of Biology
 - Start date: 08-1993
 - End date: 04-1998
 - Qualification: Ph.D. Degree
 - Ph.D. thesis title:"Recombinant Monoclonal Antibodies against the Acetylcholine Receptor" . Molecular mechanisms of autoimmunity, pathophysiology of Myasthenia Gravis, generation and biological characterization of recombinant mAb fragments, structural analysis of mAbs for receptor binding, AChR receptor_mAb interactions
 - Country: Greece
2. Aristotle University of Thessaloniki, Department of Chemistry, Section of Biochemistry.
 - Start date: 07-1991
 - End date: 10-1992
 - Qualification: Research Assistant
 - Project title: "Establishment of Assay Conditions for Human Pancreatic Lipase". Lipase activity determination, enzyme purification techniques.
 - Country: Greece
3. Aristotle University of Thessaloniki, Department of Pharmacy.
 - Start date: 09-1987
 - End date: 07-1991
 - Qualification: Bachelor Degree in Pharmacy
 - Country: Greece

TRAINING

1. Subject: BMWP/BWP joint assessors training on assessment of similar biological medicinal products containing monoclonal antibodies
 - Start date: 10-2012
 - Qualification: Training
 - Organisation: EMA
 - Country: United Kingdom
2. Subject: Dendrimers as Composites of Advanced Drug Delivery nano Systems (aDDnSs): Biomedical Applications
 - Start date: 10-2011
 - Qualification: Training School and workshop
 - Organisation: National and Kapodistrian University of Athens, Dept. of Pharmacy, National Research Foundation, Athens
 - Country: Greece
3. Subject: Blood Products Assessors training (BPWP) Webinar
 - Start date: 09-2011
 - Qualification: Training
 - Organisation: EMA
 - Country: United Kingdom
4. Subject: Assessor's Training on Advance Therapy Medicinal Products
 - Start date: 04-2011
 - Qualification: Training
 - Organisation: EMA
 - Country: United Kingdom
5. Subject: Common Assessment Framework: Total Quality Management Tool
 - Start date: 03-2011
 - Qualification: Training
 - Organisation: National Centre for Public Administration & Local Government (E.K.D.D.A.), Athens
 - Country: Greece
6. Subject: FEBS "ADVANCED COURSE ON GENE THERAPY"
 - Start date: 10-1995
 - Qualification: Training
 - Organisation: FEBS course
 - Country: Varena, Italy
7. Subject: Advanced Study Course "MOLECULAR MECHANISMS OF TRANSCELLULAR SIGNALLING: From the Membrane to the Gene.
 - Start date: 08-1994
 - Qualification: Training
 - Organisation: "FEBS/NATO Summer School,
 - Country: Spetsai, Greece

Additional information

Publications

1. Kurki P, Barry S, Bourges I, Tsantili P, Wolff_Holz E. Safety, Immunogenicity and Interchangeability of Biosimilar Monoclonal Antibodies and Fusion Proteins: A Regulatory Perspective. *Drugs*. 2021 Oct 1. doi: 10.1007/s40265_021_01601_2
2. Aggelidou E, Iordanidou P, Tsantili P, Papadopoulos G, Hadzopoulou_Cladas M. Critical role of residues defining the ligand binding pocket in hepatocyte nuclear factor_4a (HNF_4a). *J Biol Chem*. 2004 Jul 16; 279 (29): 30680_8.
3. Parhami_Seren B, Seavey M, Krudysz J, Tsantili P. Structural correlates of a functional streptokinase antigenic epitope: serine 138 is an essential residue for antibody binding. *J Immunol Methods*. 2003 Jan 15;272(1_2):93_105.
4. Krykbaev RA, Tsantili P, Jeffrey PD, Margolies MN. Modifying specificity of antidigoxin antibodies using insertional mutagenesis. *Protein Sci*. 2002 Dec;11 (12):2899_908.
5. Hadzopoulou_Cladas M, Aggelidou E, Iordanidou P, Tsantili P. Mutations in the ligand binding domain (LBD) of hepatocyte nuclear factor 4 alpha (HNF_4 alpha) affect transcriptional activation and coactivator interaction. *Circulation*, Nov. 5 2002;106 (19): 832 Supplement
6. Parhami_Seren B, Krudysz J, Tsantili P. Affinity panning of peptide libraries using anti_streptokinase monoclonal antibodies: selection of an inhibitor of plasmin(ogen) active site. *J Immunol Methods*. 2002 Sep 15;267(2):185.
7. Kardassis D, Falvey E, Tsantili P, Hadzopoulou_Cladas M, Zannis V. Direct physical interactions between SP1 and HNF_4 mediate synergistic transactivation of the Apolipoprotein C III promoter. *Biochemistry*. 2002 Jan 29;41(4):1217_28.
8. Kistanova E, Dell H, Tsantili P, Falvey E, Cladas C, Hadzopoulou_Cladas M. The AF_1 domain of HNF_4 is an acidic activator that mediates interactions through bulky hydrophobic residues. *Biochem. J*, 2001;356:635_42.
- 9*. Poulas K, Tsibri E, Kokla A, Papanastasiou D, Tsouloufis T, Marinou M, Tsantili P, Papapetropoulos T, Tzartos SJ. Epidemiology of myasthenia gravis in Greece. *J of Neurol Neurosurg Psychiatry* 2001;71:352_56.
10. Kardassis D, Falvey E, Tsantili P, Hadzopoulou_Cladas M, Zannis V. Direct physical interactions between SP1 and HNF_4 mediate synergistic transactivation of the Apolipoprotein CIII promoter. *Circulation*, Oct 31 2000; 102 (18): 1440 Supplement
11. Kontou M, Leonidas DD, Vatzaki EH, Tsantili P, Mamalaki A, Oikonomakos NG, Acharya KR, Tzartos SJ. The crystal structure of the Fab fragment of a rat monoclonal antibody against the main immunogenic region of the human muscle acetylcholine receptor. *Eur J Biochem*. 2000;267(8):2389_97.
12. Poulas K, Tsibri E, Papanastasiou D, Tsouloufis T, Marinou M, Tsantili P, Papapetropoulos T, Tzartos SJ. Equal male and female incidence of myasthenia gravis. *Neurology*. 2000;54(5):1202_3.
13. Tsantili P, Tzartos SJ, Mamalaki A. High affinity antibody fragments protecting the human nicotinic acetylcholine receptor. *J. Neuroimmunol* 1999;94:15_28.
14. Tzartos SJ, Barkas T, Cung MT, Mamalaki A, Marraud M, Orlewski P, Papanastasiou D, Sakarellos C, Sakarellos_Daitsiotis M, Tsantili P, Tsikaris V. Anatomy of the antigenic structure of a large membrane autoantigen, the muscle_type nicotinic acetylcholine receptor. *Immunol Rev*. 1998 Jun;163:89_120
15. Tzartos SJ, Tsantili P, Papanastasiou D, Mamalaki A. Construction of single_chain Fv fragments of anti_MIR monoclonal antibodies. *Ann N Y Acad Sci*. 1998;841:475_7.
16. Tsantili P., Mamalaki A. and Tzartos S Construction of a single chain Fv antibody (scFv195) fragment against the human Acetylcholine receptor. Contribution of light chain amino acid residues in receptor recognition". *Immunology Letters* 1997 May; 56 (Part 2).
17. Tzartos SJ, Cung MT, Mamalaki A, Marraud M, Papanastasiou D, Sakarellos C, Sakarellos_Daitsiotis M, Tsantili P.

Antigenic structure of the muscle nicotinic acetylcholine receptor. Ann Med Interne. 1996, 147(6):442_6

18. Arzoglou P, Goudoula C, Tsantili P, Lessinger JM, Ferard G, Mignot V, Samyn N, Demeester J, Lauwers A, Brettschneider H, et al. Transferability of lipase titrimetric assays: deductions from an interlaboratory study. Eur J Clin Chem Clin Biochem 1994;32(10):773_7

** Authors of the manuscript are recipients of Honorary Award from National and Kapodistrian University of Athens.*

Projects

Memberships

Other Relevant Information

LANGUAGES: GREEK (native speaker) OTHER LANGUAGES: ENGLISH Excellent (reading, writing and verbal skills)