

# Curriculum Vitae

## Personal Details

Name: **Constantinos Voniatis**

Citizenship: Hungarian-Cypriot

Date of Birth: 1991-01-30

## Current Studies

- English Medicine VI., Faculty of Medicine, Semmelweis University

## Previous Studies

- Kykkos B Lyceum, Nicosia, Cyprus
- Makedonitissa Gymnasium, Nicosia, Cyprus
- 2<sup>nd</sup> Makedonitissa Elementary School

## Languages Knowledge

- Hungarian (Mother tongue)
- Greek (Mother tongue)
- English (C1 Level)
- French (C1 Level)
- German (B1 Level)

## Technical Skills

- ECDL Computer Knowledge
- Edexcel O-Level Computing
- Cisco Networking Academy (CCNA 1, CCNA 2)
- Sergeant of the Cypriot National Guard (26 Month Military Service)

## Research Experience

- 2015-2018: Department of Surgical Research and Techniques, Faculty of Medicine, Semmelweis University (Supervisor: Prof. Dr. György Wéber MD PhD)
- 2015-2018: Nanochemistry Research Group, Department of Biophysics and Radiation Biology, Faculty of Medicine, Semmelweis University (Supervisor: Dr. Angéla Jedlovszky-Hajdú PhD)

## Teaching Experience

- 2015-2018: Department of Surgical Research and Techniques (Awarded Teacher Assistant, Hungarian and English Groups)

## Voluntary Work

- Ukraine Screening (November 2016)
- Ukraine Screening (March 2017)

## Competition Participation

- 2<sup>nd</sup> Place Physiology Competition Semmelweis University
- 4<sup>th</sup> Place 2<sup>nd</sup> National Laparoscopic Competition
- Surgical Olympiad VIII. Info4Science, RUDN University, Moscow Russia (Participation)
- 5<sup>th</sup> Place 3<sup>rd</sup> National Laparoscopic Competition
- Surgical Olympiad IX. Info4Science, RUDN University, Moscow Russia (Participation)

## Awards

- 1<sup>st</sup> Prize, Black Sea Symposium for Young Scientists in Biomedicine, 2017
- 1<sup>st</sup> Prize, 13<sup>th</sup> Warsaw International Medical Congress, 2017
- 3<sup>rd</sup> Prize, 13<sup>th</sup> Warsaw International Medical Congress, 2017
- Audience Award, 13<sup>th</sup> Warsaw International Medical Congress, 2017
- 2<sup>nd</sup> Prize, International Medical Students Congress of Bucharest, 2017
- 1<sup>st</sup> Prize, Semmelweis TDK Conference, 2018
- 3<sup>rd</sup> Prize, Bukovinian International Medical Congress, 2018
- Best Presentation Award, Bukovinian International Medical Congress, 2018
- 1<sup>st</sup> Prize, Frigyes Korányi Science Forum – Recoop Student Conference, 2018
- 1<sup>st</sup> Prize, IX Science4Health RUDN University Conference, 2018

## **Publishing Notes**

### **1. Publications**

- Kristof Molnar, C. Voniatis, D. Feher, A.Ferencz, L. Fonyad, L. Reiniger, M. Zrinyi, Gy. Weber, A. Jedlovszky-Hajdu: Biocompatibility study of poly(vinyl alcohol)-based electrospun scaffold for hernia repair, eXPRESS Polymer Letters, 2018 (Accepted Article-corrected proof)

### **2. Conferences**

**Semmelweis International Student Conference** (February 8-10 2017, Budapest, Hungary), Prospects of Poly(Vinyl Alcohol) Scaffolds in Abdominal Hernia Treatment: A Study of Bio-adaptability in Small and Large Animals, C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**Semmelweis International Student Conference** (February 8-10 2017, Budapest, Hungary), Prospects of Poly(Vinyl Alcohol) Scaffolds in Abdominal Hernia Treatment: A Study of Mechanical Properties, C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**Black Sea Symposium for Young Scientists in Biomedicine** (April 6-9, 2017, Varna, Bulgaria), Tissue Engineered Poly(Vinyl Alcohol) Mesh Prospects in Abdominal Hernia Treatment, C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**Electrospinning: From Design and Processing to Advanced Nanomaterials and Applications** (April 19-21, 2017, Nicosia, Cyprus), Prospects of Poly(Vinyl Alcohol) Scaffolds in Abdominal Hernia Treatment: A Study of Bio-adaptability in Small Animals, C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**Electrospinning: From Design and Processing to Advanced Nanomaterials and Applications** (April 19-21, 2017, Nicosia, Cyprus), Prospects of Poly(Vinyl Alcohol) Scaffolds in Abdominal Hernia Treatment: A Study of Mechanical Properties (*Poster*), C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**Electrospinning: From Design and Processing to Advanced Nanomaterials and Applications** (April 19-21, 2017, Nicosia, Cyprus), Poly(amino acid) based nano gel fibers for tissue engineering Kristóf Molnár, Constantinos Voniatis, Daniella Fehér, Andrea Ferencz, György Wéber, Miklós Zrínyi, Angéla Jedlovszky-Hajdú

**13<sup>th</sup> Warsaw International Medical Congress** (May 11-14, 2017, Warsaw, Poland), Nanofabricated Poly(Vinyl Alcohol) meshes in Abdominal Hernia Treatment: In Vivo investigation on small animals, C. Voniatis, K. Molnar, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdu

**XXVI. Kísérletes Sebészeti Kongresszus** (September 28-30, 2017 Herceghalom, Hungary), Elektromos szálhúzással előállított poli(vinil alkohol) alapú hálók jövője a hasi sérvек kezelésében, C. Voniatis, K. Molnár, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdú

**International Medical Students Congress of Bucharest** (December 6-10 2017, Bucharest), Nanofabricated Poly(vinyl alcohol) meshes in the future of Abdominal Hernia Treatment, C. Voniatis, K. Molnár, D. Fehér, M. Zrinyi, G. Wéber, A. Jedlovszky-Hajdú

**Semmelweis TDK** (February 7-9 2018, Budapest, Hungary), Evaluation of nanofabricated poly(vinyl alcohol) meshes: histopathology, microscopy and mechanical assessment, C. Voniatis, K. Molnár, D. Fehér, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**Semmelweis TDK** (February 7-9 2018, Budapest, Hungary), Mérésí módszer fejlesztése sérvhálók és az azokat rögzítő varratok mechanikai tulajdonságainak feltérképezésére, A. Emri, Constantinos Voniatis, K. Molnár

**62<sup>nd</sup> Annual Biophysics Society Conference** (17-21 February 2018, San Francisco), Electrospun Poly(Amino Acid) Based Nano GEL Fiber Matrices and Their Biocompatibility and Biodegradability, Kristof Molnar, Constantinos Voniatis, Daniella Feher, Andrea Ferencz, Gyorgy Weber, Miklos Zrinyi, Angela Jedlovszky-Hajdu

**Frigyes Korányi Science Forum – Recoop Student Conference** (March 8-10 2018, Budapest, Hungary), Nanofabricated poly(vinyl alcohol) scaffolds for abdominal hernia repair, C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**5<sup>th</sup> Bukovinian International Medical Congress** (4-6 April 2018, Chernivtsi Ukraine), Electrospun Poly(vinyl alcohol) Scaffolds as Alternative Surgical Meshes, C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**RECOOP 13<sup>th</sup> Bridges in Life Sciences Annual Conference** (April 12–15, 2018, Zagreb, Croatia), Nanofabricated poly(vinyl alcohol) scaffolds for abdominal hernia repair, C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**Medical International Conference for Medical Students** (April 19-22, 2018, Bucharest, Romania), Tissue-Engineered Poly(vinyl alcohol) scaffolds as alternative surgical meshes, C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**PhD Scientific Days 2018** (April 19-20 2018, Budapest, Hungary) A new model for the evaluation of sutured implants K. Molnár, A.Emri, C.Voniatis, R.Varga, Z.Kiss, M. Zrinyi, A. Jedlovszky-Hajdu

**IX Science4Health** (April 26-28 2018 Moscow, Russia), Tissue-Engineered Poly(vinyl alcohol) Meshes for Abdominal Hernia Repairs, , C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**12th International Conference on the Scientific and Clinical Applications of Magnetic Carriers** (May 22 - 26, 2018, Copenhagen, Denmark), Magnetic gelfiber based scaffold for theranostic applications, T. Veres, K. Molnár, D. Nesztor, E. Tombác, C. Voniatis, D. Fehér, Gy. Weber, M. Zrinyi, A Jedlovszky-Hajdu

**11<sup>th</sup> Conference on Colloid Chemistry**, (25-28 May 2018 Eger, Hungary), Poly(vinyl alcohol) Meshes for Abdominal Hernia Repair, C. Voniatis, K. Molnár, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**11<sup>th</sup> Conference on Colloid Chemistry**, (25-28 May 2018 Eger, Hungary), Magnetic gel fiber based mesh for theranostics, Tamás Veres, Kristóf Molnár, Dániel Nesztor, Etelka Tombác, Constantinos Voniatis, Daniella Fehér, György Wéber, Miklós Zrinyi, Angéla Jedlovszky-Hajdú

**III. Triangle Symposium of the Japan-Hungary-Poland Surgical Society** (3-6 June 2018, Budapest Hungary), The potential of nanofabricated poly(vinyl alcohol) as alternative surgical meshes, C. Voniatis, K. Molnar, D. Feher, A. Ferencz, G. Weber, A. Jedlovszky-Hajdu

**2nd Conference for Early Stage Researchers in Polymer Science through the Aegean** (8-12 October 2018, Athens, Greece), Magnetic particle loaded poly(aspartamide) gelfibers for medical applications, T. Veres, K. Molnár, D. Nesztor, E. Tombácz, C. Voniatis, D. Fehér, Gy. Weber, M. Zrinyi, A Jedlovszky-Hajdu