PARLIAMENTARY DEBATE

March 21, 2016 (1st day)

08:30 – 09.00: Arrival of students & registrations

09:00 – 10:00: Opening of the National Student Parliament
- Speeches from Organizers
- Instructions to participants/students

10:00 – 10:15: Separation of the plenary session into committees*
10:15 – 12:00: Committees Sessions *(Students' Presentations – Discussion/Debate)*

At the beginning of each committee, each Expert will present for 10 minutes the general framework

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

12:00 – 12:30: Break (light meal & refreshments)

12:30 – 13:30: Committees Sessions (*Students' Presentations – Discussion/Debate)*

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

13:30 – 14:00: Delivery of the results of the first day from the Moderators to the Organizers

**** Committees:***

Committee 1: The Human Brain
Committee 2: Living and eating healthy - but how?
Committee 3: Stem cells - the potential allrounders?
Committee 4: Augmented human: optimising the human
Committee 5: Imitating nature

March 22, 2016 (2nd day)

09:00 – 11:00: Committees Sessions (*Students' Presentations – Discussion/Debate)*
At the beginning of each committee, each Expert and each Moderator will present for 15 minutes the results of the previous day

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

11:00 – 11:30: Break (light meal & refreshments)

11:30 – 13:30: Committees Sessions *(Discussion/Debate)*

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

13:30 – 14:00: Delivery of the results of the second day from the Moderators to the Organizers

March 23, 2016 (3rd day)

09:00 – 10:00: Committees Sessions *(Discussion/Debate)*
At the beginning of each committee, each Expert and each Moderator will present for 15 minutes the results of the previous day

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

10:00 – 11:00: Committees Sessions *(Composition of the final resolution - proposal)*

1. **The Human Brain**
2. **Living and eating healthy - but how?**
3. **Stem cells - the potential allrounders?**
4. **Augmented human: optimising the human**
5. **Imitating nature**

11:00 – 12:30: Committees Sessions *(Candidates' Presentations – election of 3 representatives)*

12:30 – 13:00: Break (light meal & refreshments)

13:00 – 14:45 Plenary session

- Presentations of the final resolution of each Committee from the 3 candidates elected from each committee session (duration of each presentation: up to 5 minutes)
- Voting - *election of representatives*
- Conclusions and closing of the National Student Parliament

14:45 – 15:00: Delivery of participation certificates to students & teachers

Committees and experts

1. **The Human Brain**

   Expert: Adam Katerina

2. **Living and eating healthy – but how?**

   Expert: Georgoulis Michalis

3. **Stem Cells – the potential allrounders?**

   Expert: Kyriakou Eleni

4. **Augmented Human: optimising the human**

   Expert: Gargalakos Michalis

5. **Imitating Nature**

   Expert: Mavrikaki Evangelia

Procedure of the debate

1. **Reading out the claims**
   At the beginning of each debate, the proposing committee has the opportunity to read out the committee's claims which are gathered in this resolution booklet. *(One member of the proposing committee reads out the claims at the lectern.)*

2. **Defence speech**
   Subsequently, the proposing committee has the opportunity to hold a defence speech and to explain the existing resolution and its contents. *(One member of the proposing committee reads holds the speech at the lectern; approx. three minutes.)*

3. **Attack speech(es)**
   Directly after, all other committees have the opportunity to hold one or more attach speeches, provided that the first attack speech does not take up all time. Every committee which has prepared an attack speech can now explain why some of the claims should not be accepted by the delegates. *(One member of an opposing committee; up to three minutes at own seat/via microphone.)*

4. **Response to attack speech(es)**
   The proposing committee has the opportunity to give answers to the attack speech and to allay doubts the delegates may have. *(One member of the proposing committee; up to one minute at own seat/via microphone.)*

5. **Open debate**
   All members of all opposing committees can raise their hands to address questions or remarks to the proposing committee. Up to three questions/remarks are gathered from members of the different committees, before the proposing committee can give a summarising answer to all of them. *(Up to four rounds à three questions/remarks of less than a minute; at own seat/via microphone.)*

6. **Summarising speech, response to last questions**
   The proposing committee holds a summarising speech and answers the last questions. *(Two members of the proposing committee; three minutes at the lectern.)*

7. **Voting**
   The chair of the debate reads out the claims and asks all delegates to vote for or against a claim.

RESOLUTION OF THE COMMITTEE
"The Human Brain"

The human brain has been investigated intensively for years. Experts hope for therapies against dementia illnesses, but also human thinking and feeling is a core focus. But how does our brain work? Can we really simulate our brain and thinking? And will we be able to understand and heal dementia illnesses?

proposed by: Samaras Sotirios, Sexil Maria, Katsiamani Ioanna, Xavatzagiannis Stylianos, Egglezos Konstantinos, Xalkou Christine, Kontopanou Eleni, Ntriolari Gloria, Troufin Alexandra (1st Lyceum of Agia Varvara), Bozoutzidis Germanos-Paraskeuas, Panagou Antonia, Tzineli Kalouda, Bekou Eleana, Papakonstantinou Styliani, Xatzistauridou Evaggelia, Gretsi Vasiliki (The Intercultular Senior High school of Evosmos), Gidari Ermioni, Dimitriadi Elina, Bakalidou Evridiki, Papalabropoulou Olga, Palada Ioanna, Petropoulos Theodoros, Spyropoulos Ioannis-Zisis, Tsaousis Konstantinos, Skrimizeas Eystratios, Raptis Grigoris, Fourdodaulou Panagiota (2nd Lyceum of Alimos), Tsakona Maria, Bania Aggelina, Bistika Dimitra (Schools of Panou), Lussoudi Konstantina, Xandrinou Marianthi (Hellenic-French School Ursulines Nuns), Anazikos Antonis, Arvaniti Christine, Gasparatos Antonis, Georgaros Vasilis, Giannakaki Maro, Zeibeki Aggelina, Zorbanou Markella, Kollia Kornilia, Laurantos Iasonas, Stratikopoulou Antonia, Tzamaria Anna, Tsantar Sankas, Tsiboglou Sofia, Fragoulidi Gogo, Xaralabakis Spyros, Xasouri Nastazia, Xronas Giorgos (1st Lyceum of Tavros), Bantis Konstantinos, Simopoulos Nikolaos, Stragalis Pantelis, Chouliaras Vasileios (40th Lyceum of Athens), Pantou Stauroula-Aggeliki, Papadopoulou Eleni (Geitonas School), Gemousaki Aikaterini, Gampitsaki Vasilina, Prokidis Dimitrios, Savvidis Vladimiros, Kurtsidis Kyriakos, Tsorbatzidoy Christine, Grigoriadou Aikaterini, Seferiadou Dimitra (3rd Lyceum of Alexandroupoli),: Kourakou Evanthia, Vlaxou Lydia, Alexandri Evaggelia, Zoi Athina, Apostolou Krysta, Eleutheriadi Ioanna, Theodoropoulou Alkistis, Karaviti Eleutheria, Vouzi Lydia, Ram Artemis (Lyceum of Dionusos), Palili Nausika, Nikolopoulou Vasiliki, Moulios Nikolaos, Apostolou Vasiliki, Karousou-Tselenti Xaralabia, Iatridi Anna-Maria, Ananna Miax, Skourletis Nikiforos (1st Experimental Lyceum Athens Gennadios), Adamopoulos Konstantinos, Alertas Anargyros, Zafeiropoulos Konstantinos, Styliara Despoina, Stathi Marianna, Papaefstathiou Spyridon, Petropoulos Georgios, Fildisakou Ismini (1st Experimental Gymnasium of Athens), Krotseti Lina & Alexandros Koukovinis (moderators)

We have assessed:
(please list up to 8 points of assessment)

1. The human brain functionality/generic factors accused for Alzheimer disease
2. Social/economic/scientific aspect of Alzheimer disease
3. Legislation concerning patients
4. Research and /funding /bioethic
5. Non- invasive methods (electro-egephalograph (EEG), fMRI, PET)
6. Invasive methods e.g. medication
7. Prevention
8. Brain simulation

We claim:
(please list up to 8 claims)

1. Contribute to an action plan comprising the establishment of special centers in charge of prevention and treatment/health care/ mandatory mental examination for high-risk groups
2. Exploitation of stem cell
3. Use artificial intelligence to identify innovative remedies
4. Create a global database with bio signal (EEG, fMRI) for research purposes

RESOLUTION OF THE COMMITTEE
"Living and eating healthy – but how?"

Organic food is ‚en vogue'. But what is that supposed to mean? Do we better not eat meat or even animal products at all? Are genetically engineered foods dangerous for our health? Are long-term consequences to be expected? And how can we be sure what is really healthy and what isn't?

proposed by: Marantidis Theofanis, Markakis Chrysovalantis, Markotsi Foivi, Markouli Eleni, Meligoni Aggeliki, Meligonis Petros-Pierros, Miliou Christine, Miaris Nikolaos, Miestri Aikaterini, Mpalasis Ioannis, Mpontiotis Athanasios, Negreponti Danae, Ntouniapilen Ioannis, Ntouroupis Panagiotis, Ksiropotamos Panagiotis, Palagian Ioannis, Palaiologou Aikaterini, Palla Eirini, Panagiotidis Alexandros-Marios, Panagopoulos Drosos, Papagianni Maria, Papagiannis Emmanouil, Papakostas Spuridon, Patsiliva Konstantina, Resso Vasilios, Roumeliotakis Christos (2nd Lyceum of Geraka), Euthumiadis Marios, Maxairas Savvas-Ioannis, Mixailidis Stefanos, Niksarlidis Dimitrios, Filipoglou Eleni-Despoina, Zafrana Danai, Zouboulis Dimitrios, Kalli Maria, Petsa Eleni, Staurianidou Eugenia, Nikandrou Dimitra-Marina (Greek-French School Kalamari), Anastasi Eleni, Anyfanti Alexandra-Stefania, Bourbou Evaggelia, Bratsia Christine, Plakia Marina-Lemonia, Rini Ifigeneia, Apostolopoulos Nikiforos, Galazoula Pelagia, Greka Zoi-Maria, Greka Konstantina, Diakos Georgios, Karavida Georgia, Katsarou Maria, Kotsoni Vasiliki-Victoria, Kotoula Zoi, Kotoula Iliana, Matziaras Leonidas, Barbarousi Evgenia, Tabakou Meriesmerlanta, Tachoy Rafailia, Tolou Theodora, Fotaki Vasiliki, Chalili Anastasia, Christodoulou Georgia-Paraskeui (Lyceum of Mouzaki), Vasileioy Dimitrios, Karavasilis Vasileios, Labaditis Periklis, Marousi Eleni-Maria, Bakos Panagiotis, Balomenou Georgia-Eleftetheria, Belegrati Konstantina, Panopoulos Dimitrios, Tsabira Maria-Eleni, Tsapatzi Maria-Labrini (3rd Gymnasium of Glyfada), Patagia Dafni, Pappa Aikaterini, Pantazi Aikaterini, Kladi Eva, Mpaxlava Silia, Papairakli Vanesa, Lappa Maria, Galiropoulou Surago, Theodosiou Ksanthoula, Iliopoulou Chara, Rogka Iliana, Zaxou Christine, Kostara Xristianna, Koutoumanou Elefteria (3rd Lyceum of Lamia), Xatzikupraiou Eleni, Stabouli Elsa (Hellenic-French School Ursulines Nuns), Sklivaki Ioanna, Fotara Maria, Fotaras Nikolaos, Tsoukalis Petros, Spanias Giannis (5th Gymnasium of Rodos), Poleni Katerina (4th Lyceum of Volos), Kallivretaki Athina, Kolea Ioanna, Loulouda Stamatia, Protopappa Eleni, Papaioannou Eirini, Sifogiorgakis Panagiotis, Megalokonomos Michalis, Stagakis Manousos, Mpatsari Rea, Tzavara Christina, Ntousi Eleni, Giannakopoulou Marilli, Markantonaki Evelina (1st Experimental Gymnasium of Athens), Ramantani Anthi (moderator)

We have assessed:
(please list up to 8 points of assessment)

1. The Mediterranean diet is very healthy because it is low in fats and calories and contributes to the reduction on heart attacks, cancer and Alzheimer.
2. We should not consume enriched in ingredients food types, such as food full of salt, but we should consume superfoods, such as beans, broccoli and ginger.
3. We should consume vegetables, fruits and pulses because they reduce cancer and heart diseases.
4. We should avoid genetically modified food since we are not sure of its usefulness. Moreover, genetically modified food is not environmentally friendly as it damages the ecosystem by changing the life chain, and the cost of the cultivation is high.
5. We should avoid the consumption of sweets because they are full of sugar and fats and they can cause obesity and diabetes.
6. There must be strict laws which will define the harmful ingredients of the food types and also, labels of the ingredients of the food products should be on their package.
7. Being vegetarians is not healthy because human organism cannot take all the vitamins and proteins needed. Consuming meat is also useful but in small quantities.
8. Organic food is high in vitamins and low in fats, calories and fertilizers. But it is expensive and consumers cannot afford it. Governments should contribute to the cultivation of it by eliminating taxes.

We claim:
(please list up to 8 claims)

1. We should be conscientious consumers and we should be informed about the dangers of various food types and the benefits of various foods / we should examine the food labels.
2. We should choose products which are environmentally friendly for sustainable development, giving emphasis on food types which have vegetable origins, local products, traditional products and food types which are coming from organic production.
3. We should follow a combination of a balanced diet (Mediterranean diet) accompanied with physical exercise and adequate hydration putting emphasis on water and beverages, and we should be aware of our diet.
4. A conscientious consumption of high in calories food products is needed, the legislation should define the reduction in the selling price of food products which are rich in nutritious ingredients – obesity is a multi-factored sickness.
5. There should be a restriction of the advertisements on harmful food types on behalf of the Mass Media and an increase on suitable stimuli about a healthy diet.

6. School should promote the significance of healthy diet through learning subjects and teaching, and through programmes and educational activities about health education. The school canteens are obliged to comply with the rules set by laws.
7. The genetically modified food, although it is not classified in the characterised as balanced diet food types, is expected to be a topic subject for discussion and research in the long run. Those food types should be marked as genetically modified.
8. The balanced way of leading a life is a total of behaviours, habits and practices which contribute to the assurance and retention of a good physically, mentally and emotionally health and wellness.

RESOLUTION OF THE COMMITTEE
"Stem Cells – the potential allrounders?"

There would be no man or any other multicellular creature without stem cells. What are stem cells and why is their investigation this attractive – and frowned upon at the same time? How does our life change if we can direct stem cells – and how is that supposed to function at all?

proposed by: Andrianopoulos Konstantinos, Giannakopoulou Aggeliki, Golfi Amalia, Dimakopoulou Dimitra, Zapantes Dionysios, Kakoulidis Vasileios, Kolomondou Zografia, Koukouvela Aspasia, Bantounou Maria, Spanos Dimitrios, Yfanti Maria (Experimental Lyceum University of Patras), Pantazis Ilias, Vagena Chrusa, Riga, Katerina, Papadimou Eleni (3rd Lyceum of Serres), Tsiga Marina, Xristoforidou Marianna, Kazani Maria, Mixalitsi Maria, Kokkaliari Nikoleta, Kourounioti Vasiliki, Papadopoulou Christine, Xalkia Maria, Xatzipanagiotou Dionusia, Pasa Marsilnta, (3rd Lyceum of Peristeri), Gounari Thessalia-Vasiliki, Zdrava Nikolaos, Kermeliwti Ioanna, Kourtis Alexandros, Labis Filippos, Malaxias Athanasios, Milis Georgios, Moulas Pileus, Nasiakos Alexandros, Rigopoulou Maria-Anna, Tamvaki Kalliopi-Maria (7th Lyceum of Volos), Karamali Maria, Makris Grigoris, Bitziwnis Vasileios, Tsakoumis Ksenofon. (Aristoteleio College), Grakopoulou Poluniki, Kipouros Nikolaos, Mitsia Sofia, Sitsiani Olga, Tiliaveridou Marianthi, Foka Anastasia (Private Lyceum and 2nd Lyceum of E. Mantoulidis Schools), Giannakeri Athina, Vamvakidis Panagiotis, Trygoniaris Ilias, Serpetidou Aikaterini, Orfanidou Polykseni, Laskou Aikaterini, Thanasouli Maria-Eyfrosyni, Giali Chrysoyla (1st Lyceum of Edessa) Anastasiadou Eleana, Geropoulos Dimitrios, Kelekoglou Aggelos (1st Lyceum of Alexandreia), Karagiannidis Grigoris, Milani Samentin, Asimakopoulos Christos (2nd Lyceum of Kifisia), Antonakis Leonidas, Gkotsi Polutimi-Anna, Kanta Alexandra, Grammatikopoulou-Vlassopoulou Marianthi, Spiliotis Alexandros-Emmanouil, Roumelioti Eirini-Panagiota (Lyceum of Kastritsi), Roumelioti Konstantina (4th Lyceum of Volos), Kostopoulos Konstantinos, Kanitakis Antonios, Mixalopoulou Maria-Despoina. (Geitonas School), Laryggaki Eirini, Kleitsiotou Aikaterini, Papanikolopoulos Rafail, Xourteroudis Panagiotis (3rd Lyceum of Alexandroupoli), Vasileiadi Eleni, Vogiatzi Elisavet, Theoklitou Anastasios (Lyceum of Limenarion Thasou), Georgakopoulou Elena & Giorgos Filippou (moderators)

We have assessed:
(please list up to 8 points of assessment)

1. species of stem cells
2. features / types of stem cells, the building process of stem cells
3. comparing species of stem cells
4. legislation in Greece and Europe
5. religious issues, social, ethical dilemmas for the use of stem cells
6. conflicting opinions regarding the use of stem cells
7. the issue of private vs public
8. tourism issue for stem cell market

We claim:
(please list up to 8 claims)

1. informing citizens by experts, media / information from school
2. a common law and a common legal framework in all countries
3. establishment- foundation of a joint European Commission
4. use of IPS for further research (using IPS for further research, using morula to produce stem cells
5. intensified monitoring of private banks / strict controls
6. combating tourism through tighter controls

RESOLUTION OF THE COMMITTEE
"Augmented Human: optimising the human "

Glasses and protheses have been employed for many centuries to optimise the human body. As of now a new wave of modifying the body is being initiated: by means of the google glasses or a ring that can name objects using a camera. What will the human being look like in 20 years' time? Will our skills be extended through implants, drugs or other technical means?

proposed by: Gkotovos Athanasios, Georgiadou Maria-Christine, Aggelou Philippos, Karadimas Timos, Paizis Aggelos, Arvanitaki Stephania, Theofilopoulou Maria-Christine, Adamis Elias, Vlazakis Pavlos (1st Lyceum of Papagos), Kalaitzidakis Georgios, Melissourgos Konstantinos, Samaritaki Maria, Stefanatou Nefeli, Syraga Argyro, Skepasianou Chrysovalanti, Kaziales Ioannis (Experimental Lyceum University of Crete), Vlaxou Gometh-Stella, Vlaxou Gometh-Elli, Voutierou Stella, Gewrgiopoulos Ilias, Kalpaksis Georgios, Makris Panagiotis, Bartsoka Vasileia-Kerasia, Nomikos Georgios, Ouakas Zaxarenia, Papaloi Krika-Danai, Rapata Konstantina, Tsagari Chrusanthi, Tsopanoglou Katerina, Chronis Charalabos-Panagiotis (Zanneio Experimental Lyceum), Avramidou Anastasia, Vournazi Sofia, Zikontala Aikaterini, Kotropoulos Leontios Kouzoumi Kyriaki, Lussas Konstantinos (Schools of Fryganioti), Kotsonis Theofanis, Mpelka Eleni, Stenou Varvara, Tserri Angela (1st Lyceum of Keratsini), Koumantou Lena, Gasparinatou Athina, Dedousi Lemonia. (Hellenic-French School Ursulines Nuns), Benovia Antigone, Pagona Chrysa, Pappa Christine, Stefanidi Nasia, Nikolaou Giorgos, Tsikni Paraskeui (2nd Lyceum of Kifisia), Vasilopoulos-Koufos Ioannis. (Secondary Art school of Gerakas), Antonopoulos Dimitris, Delivoria Dimitra, Lolitsas Dimitris, Malxazou Konstantina (1st Experimental Lyceum Athens Gennadios), Petropoulou Liana (moderator)

We have assessed:
(please list up to 8 points of assessment)

1. The augmented human as a dual approach: addressing the needs of (1) healthy people and (2) people with special needs.
2. Statistical references to the extent that people nowadays use applications that enable the optimisation and extension of human skills.
3. Scientific achievements that have been accomplished towards 'augmenting' humans.
4. Reference to the need for application of scientific developments for medical treatment and serving people with special needs by making their everyday lives easier.
5. Application of scientific developments for augmented experiences (cultural and educational purposes)
6. Potential dangers of the 'augmented human' technological applications (privacy loss, violation and exploitation of private data, excessive use, social inequality)
7. Legal framework: distinction between ethical and legal framework
8. Considerations for correct use

We claim:
(please list up to 8 claims)

1. Humans' psychosomatic and intellectual improvement through scientific applications
2. Distinction of practices: (1) facing health problems and (2) enabling the fullest possible reinforcement of people's skills
3. Augmented reality (cultural and educational applications), genome modification
4. Reference to the extent of application use
5. Positive consequences: (disease treatment, financial and entrepreneurial growth, making daily life easier)
6. Strengthening research on issues such as consequences, informing and shaping a moral society
7. Reformation of legal framework; distinction between ethical and legal framework
8. Are human beings ethically ready?

RESOLUTION OF THE COMMITTEE
"Imitating Nature"

Imitating nature through a modular system – that is what synthetic biology is about. Scientists hope for new medication and new pharmaceutical ingredients. How is that supposed to function? How can we imitate new biological pieces, gadgets or systems? And don't we overstep the mark here?

proposed by: Tsekoura Dimitra, Tsinouka Aggeliki, Triantafyllopoulos Panagiotis, Maragkou Adamantia, Kola Fiorella, Koulouri Panagiota, Dimakopoulou Maria, Georgiou Aikaterini, Papadimitropoulou Grigoria (1st Lyceum of Aigio), Mauroudi Athina, Kontogeorgiou Maria, Niti Maria, Voliotou Eleni (Lyceum of Limenarion Thasou), Aga Eleftheria, Anastasiadou Triada, Apostolidou Ioanna, Gkikokai Iason, Theodoridis Dimitrios, Papavasileiou Anna – Lefkothea, Papaspyrou Aris, Papadopoulos Vyron – Iason, Sarantopoulos Andreas, Charisopoulos Alexandros (1st Experimental Gymnasium of Athens), Natalia Mpasisa (moderator)

We have assessed:
(please list up to 8 points of assessment)

1. Biomimetics (Examples: Velcroà Burdock, Costume bathesàShark's skin, Robots of explorations, Mobile phone screens)
2. Synthetical Biology-Advantages: treatment of diseases, improvement of quality of life, information storage etc./ Drawbacks: creation of pathogenic organisms)
3. Biohacking (Synthetic Biology VS Computers)
4. E-coli (medicine against malaria, which is cheap thanks to Synthetical Biology)
5. Maintenance of our data information
6. Careful study and intervention about the economic consequences that it may bring about, especially in developing countries
7. Europe is in a lower level compared to America concerning Synthetical Biology and more specifically as far as publications and financing research are concerned
8. Imitation of nature should not only be applied in Medicine, but in other fields too

We claim:
(please list up to 8 claims)

1. Imitation of nature Synthetical Biology
2. Legislation (it should watch over the developments and the international rules)
3. Security concerning both the genetic data and the lab operation
4. Limits in the use of natural organisms and products of Synthetical Biology/Patents
5. Public discussion between Academics, labs etc.
6. Public awareness campaign
7. Very fast development (Horizon 2020, iGEM)
8. The issue of Bioethics