



**3rd Meeting of the Polish Iron Club**  
**Gdańsk, Poland, 15–16 September, 2017**  
**Abstract Book**

**Organizing Committee**

Jędrzej Antosiewicz, Gdansk University of Physical Education and Sport, Gdańsk, Poland  
Katarzyna Banaszekiewicz, Medical University of Gdansk, Gdańsk, Poland  
Rafał Dutkiewicz, University of Gdansk, Gdańsk, Poland  
Paweł Lipiński, Institute of Genetics and Animal Breeding Jastrzębiec, Poland  
Bartosz Rybak, Medical University of Gdansk, Gdańsk, Poland  
Katarzyna Sikorska, Medical University of Gdansk, Gdańsk, Poland  
Tomasz Smiatacz, Medical University of Gdansk, Gdańsk, Poland  
Piotr Stalke, Medical University of Gdansk, Gdańsk, Poland  
Rafał R. Starzyński, Institute of Genetics and Animal Breeding Jastrzębiec, Poland  
Anna Woźniowska, University of Gdansk-Medical University of Gdansk, Gdańsk, Poland  
Anna Wróblewska, University of Gdansk-Medical University of Gdansk, Gdańsk, Poland

**Scientific Committee**

Jędrzej Antosiewicz, Gdansk University of Physical Education and Sport, Gdańsk, Poland  
Krzysztof Bielawski, University of Gdansk, Gdańsk, Poland  
Paweł Lipiński, Institute of Genetics and Animal Breeding Jastrzębiec, Poland  
Katarzyna Sikorska, Medical University of Gdansk, Gdańsk, Poland  
Michał Woźniak, Medical University of Gdansk, Gdańsk, Poland

**Acknowledgements**

1. Leading National Research Centre (KNOW) grant no. KNOW/IGHZ/RMK/PhD/2016/09
2. Leading National Research Centre (KNOW) grant no. KNOW/IGHZ/RPB/WEW/2016/09
3. Grant no. 11-093/10/773 from Medical University of Gdańsk
4. Grant no. 11-0100/10/128 from Medical University of Gdańsk