



## Curriculum Vitae

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# Łukasz Janus, Ph.D.

### **Current affiliation and official address**

- Department of Molecular Biotechnology, Institute for Environment and Human Health Protection, Faculty of Chemistry, University of Gdansk, ul. Wita Stwosza 63, 80-308 Gdańsk, Poland.
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### **Education, degrees and academic titles**

- Studies – 2002-2007, Biotechnology, specialty: Industrial Biotechnology, Faculty of Agronomy and Bioengineering, Poznan University of Life Sciences, Poland
- M.Sc. – 2007, Biotechnology, specialty: Industrial Biotechnology, Faculty of Agronomy and Bioengineering, Poznan University of Life Sciences, Poland
- Ph.D. – 2012, Biotechnology, specialty: Plant Biotechnology, Faculty of Agronomy and Bioengineering, Poznan University of Life Sciences, Poland

### **Trainings (chosen)**

- Conducted training by G.F. Landolt (the Vice-chairman and the legal adviser in the company Ablynx N.V.) in the scope: "How it to deals and build your business- and practical view he patents and licensing", 15-16. 05.2013r, Nickel Technology Park Poznan, Poland.
- Conducted training by the individual notify TUV-NORD Polska Sp. z o.o. No. 458 / 02 / 2013 in the scope: of requiring the Medical Directive of 93 / 42 / EEC and Acts on Medical Products and medical Products from the borderland, 12-13. 03.2013r, MedVentures, Poland.
- Training as part of the project: "Commercialization of Innovative Theories" organised by the Foundation New Media in the agreement from Leviatan Business Angels, 01. 02-14. 02.2011, Olsztyn, Poland.
- Participation in the project: "Science likes business" 27.11 - 6.12.2009 organised as part of the EU PO KL through Academic business incubators, Poznan, Poland.
- Training as part of the project: "Recipe for the innovative business- training for scientists" co-finance by the European Union in EFS frames (organisers: ProRegio Foundation, Jagiellonian University, of NOT Poznań), 01 - 04.2009, Poznań, Poland.

### **Career/employment**

- Research Technican – 2012 present, Department of Molecular Biotechnology, Institute for Environment and Human Health Protection, Faculty of Chemistry, University of Gdansk, Poland.
- Co-founder, co-owner – 2012- present, MedVentures Ltd. Poland (biomedical applications, developing innovative hydrogels for chronic wounds healing)
- Co-founder, co-owner – 2011-present – BioVentures Institute Ltd., Poland (molecular biotechnology company)
- Co-founder– 2012-present, Pharmoris Ltd., Poland (pharmacy, mucoadhesive polymers for controlled release of active substances)

## **Awards**

- Nomination of the "Głos Wielkopolski" newspaper to the title "Man of year 2012" for examinations towards implementation hydrogel dressings of the III generation into chronic wounds healing, Poland.
- I award during the Oxygenalia international conference, poster session of biological and environmental sciences in the field of nitric oxide physiology, Finland, 26. 10. 2012r.
- III award on during Academic Entrepreneurship conference for the project of the hydrogel active dressing of the III generation. Organiser- Nickel Technology - Park Poznan, Poland, 31.03.2011r.
- II award while training "Science likes business" for the project of managing researches, organised by Academic business incubators in Poznań, Poland, 27.11 - 6.12.2009r.
- I award in the category: "phytophysiology" on the Conference: "Youth and Progress of biology", Lvov, Ukraine, 12-15. 05.2009r.

## **Scientific interests**

- New genetic engineering technologies
- New products for active chronic wound healing
- Antiviral therapies based on macromolecular technologies
- New polymers in active substances controlled release

## **Business experience and achievements**

- Receiving grant for the industrial research in the field of the new bioactive hydrogel dressings of the new generation, under the Innovative Economy Operating Programme 3.1, EU/NCBiR (2007-2013), with Nickel Technology Park Poznań, UDA-POIG.03.01.00-00-010/10-00. (total subsidy 0,8 mln PLN)
- Receiving funds for the industrial research in the field of the new HIV and other antiviral therapies, under the Innovative Economy Operating Programme 1.4, EU/NCBiR (2012-2015): POIG.01.04.00-22-140/12 (total subsidy 3,2 mln PLN) together with venture capital trusts in the 1,4 MLN PLN.
- Co-founder of 5 biotechnological companies

## **Scientific papers (Impact Factor = 10,151)**

1. Janus Ł., Arasimowicz-Jelonek M., Milczarek G., Abramowski D., Floryszak-Wieczorek J. Normoergic NO-dependent changes, triggered by a SAR inducer in potato, create an augmented capacity for more potent defense responses to *P. infestans*. (2013) Plant Sci. 211, 23-34. IF=2.922 (2012)
2. Floryszak-Wieczorek J., Arasimowicz-Jelonek M., Milczarek G., Janus Ł., Pawlak-Sprada S., Abramowski D., Deckert J., Billert H. (2012). Nitric oxide-mediated stress imprint in potato as the effect of exposure to a priming agent. Mol. Plant Microbe Interact. 25, 1469-77. IF= 4.307 (2012)
3. Arasimowicz-Jelonek M., Kosmala A., Janus Ł., Abramowski D., Floryszak-Wieczorek J. (2012). The proteome response of potato leaves to priming agents and S-nitrosoglutathione. Plant Sci. 198, 83-90. IF= 2.922 (2012)