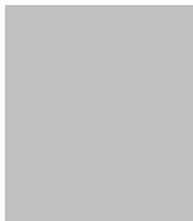


PERSONAL INFORMATION

Carmen Iustain



 [redacted] Iasi, Romania

  [redacted]

 [redacted]

 Skype :carmen.iustain

Gender Female | Date of birth: [redacted] | Nationality Romanian

PERSONAL PROFILE

Solid State Physics Researcher – APIs and generic formulations

PROFESSIONAL EXPERIENCE

- 05. 2020 - present** Research & Development Director, Antibiotice Iasi
- 12.2019 – 05. 2020** Research Department Manager, Antibiotice Iasi
- 02.2019 – 12. 2019** Research-Development Senior Manager, Antibiotice Iasi
- 04. 2018 – 02. 2019** Manager - Research-Development & New Pharmaceutical Forms, Antibiotice Iasi
- 11. 2016 – 04. 2018** Research-Development Manager, Coordinator of Intellectual Property Office and Solid State Laboratory, Antibiotice, Iasi
- 01.2015 – 11. 2016** Solid State Laboratory Coordinator and Intellectual Property Coordinator, Antibiotice, Iasi
- www.antibiotice.ro

05. 2003 – 01. 2015

Solid State Physics Researcher - generic pharmaceuticals

Perrigo Israel - a subsidiary of Perrigo

www.perrigo.com

My area of expertise:

- Research in the field of polymorphic forms of generic pharmaceutical products;
- Discovery of new polymorphic forms for generic medicines, their complete description, characterization and scale-up, research work that ultimately materializes with the submission of patent applications for what it is considered to be an innovative idea, thus ensuring an added value to the company in the generic products market, be it the API market or the finished medicine market;
- Experimental research work involves an advanced knowledge level of various analytical methods that are associated with the innovative process, such as: X-ray, DSC, TGA, FTIR, melting point, SEM, microscopic DSC (Hot-stage), particle size distribution measurements (Malvern, Sympatec), development of endotoxin analysis methods, HPLC measurements, GC, UV analyzes;
- Active participation in the manufacturing process, either of the API product or of its formulation, by identifying, isolating and solving various problems that may occur either during processing, or during storage or in the process of verifying the stability of the finished product;
- Active participation in the decision-making process at key moments when problems related to the solid state of the API may arise in the formulation / during the technological process;
- As a result of the research work for various products, the writing of the analysis methods subsequently transferred and implemented in the current analysis process of the QC laboratory, including also the necessary training and periodic reviews for those who daily implement these methods.
- Knowledge of GMP rules and their implementation in my daily work, both in research and in collaboration with the QC and QA specialists.

Researcher - physicist in the electro-optical field

Trellis photonics, Israel, Hi-tech Company

www.trellis-photonics.com

08.2000 – 10. 2003

Research and development of optical components subsequently integrated in the data transmission and navigation systems in the existing internet networks.

These optical components can be briefly listed: optical collimators, optical connectors, their assembly and optical orientation taking into account the basic element of the prototype, which was the KLTN crystal (potassium lithium tantalate niobate), crystal with electro-optical properties.

This crystal (the patent on this crystal belongs to Aharon J. Agranat, Professor at Hebrew University of Jerusalem) was grown in laboratory conditions in the Trellis Photonic company, subsequently becoming the future optical medium for signal propagation in current Internet networks, its action being based on the electro-optical properties of this crystal.

09.1993 – 08. 2000

Education - physics teacher in different educational institutions from Israel

09.1990 – 09.1993

Education - physics teacher in different educational institutions from Romania

EDUCATION AND TRAINING

- 1986-1991 Faculty of Physics, Alexandru Ioan Cuza University of Iași – EQF level 7
Specialization: Spectroscopy and lasers;
- 1999-2000 Part-time course - Real Time Embedded” IBM, Israel
- 1994-1995 Specialization in Behavioral Sciences at the Ben-Gurion University from Beer Sheva, Israel

PERSONAL COMPETENCES

Native language(s) Romanian

Other known foreign languages

	UNDERSTANDING		SPEAKING		WRITING
	Listening	Reading	Spoken interaction	Spoken production	
English	C1	C1	B1	B1	C1
Hebrew	C1	C1	C1	C1	C1

Levels: A1 / A2: Basic User - B1 / B2: Independent User - C1 / C2: Proficient User

Communication skills

Good communication skills acquired throughout my career, starting with the period in which I taught the subject Physics at different levels, continuing my improvement through the specialty made at the Ben-Gurion University from Beer Sheva and through an 11-year work in the pharmaceutical field.

Organizational / managerial skills Leadership (I am currently in charge of a three people team)

Skills acquired in the workplace A good knowledge of GMP quality control processes
Innovative thinking - research always drives you to be one step ahead

Computer skills

Word, Excel, Windows, Labview, Origin and Matlab (basic level);
Computer communication, Assembler and C++ (basic level)

Driving license B

ADDITIONAL INFORMATION

Publications Articles published in B + magazines(CNCSIS):

1.. Dascalu Carmen-Felicia, Zelinschi Beatrice-Carmen, Iustain Carmen, Dorohoi Dana Ortansa :

“Electro-optical parameters of mica crystals, Bulletin of the Polytechnic Institute of Iasi, Tome no. LVI (LX), Issue 4, Section, POLITEHNIUM Publishing House, 2010, ISBN ISSN 1244 -7863, pp. 177 –184”

2. Zelinschi Beatrice-Carmen, Iustain Carmen, Dascalu Carmen-Felicia, Dorohoi Dana Ortansa:

“Refractive Indices of Oriental Carpathian Quartz. Applications., Bulletin of the Polytechnic Institute of Iasi, Tome no. LVI (LX), Issue 4, Politehniun Publishing House, 2010, ISBN 1244 -7863, pp. 216-219”

Projects/Patents

<http://patents.justia.com/inventor/carmen-iustain>

<http://www.freshpatents.com/Carmen-Iustain-BeerSheva-invdiri.php>

<http://www.google.com/patents/US20060234996>

http://patent.ipexl.com/inventor/iustain_carmen_2.html

References

1. Dana Dorohoi, Professor, PhD (0232201198) - Faculty of Physics, Alexandru Ioan Cuza University of Iasi, Romania;
2. Zelinschi Carmen (0744621152) – Director of “Vasile Adamachi” Agricultural College from Iasi;
3. Yevgheny Rozenblat, Ph.D (+972526441872) – Solis State R&D scientist at Perrigo API, Israel Pharmaceuticals;

ANNEXES

U.S. Patent Applications no.: 2008/0234,286; 2008/0194,827; 2006/0276,525; 2006/0223,817;2006/0223,816; 2006/0234,996; 2006/0223,820; 2007/0149,782; 2006/0019,937; 2005/0187,206; 2006/0122,226.