

## ***Curriculum Vitae***

### **PERSONAL INFORMATION**

Name and surname	<b>Livio Racané</b>
Academic title	PhD
Year and institution of PhD obtained	2005, Faculty of Chemical Engineering and Technology
Address	Prilaz baruna Filipovića 28a
Phone	01-3712547
Fax	-
E-mail	lracane@tff.hr
Citizenship	Croatian, Italian
Date and place of birth	02.20.1969. Rijeka

### **WORK EXPERIENCE**

Date (from – until)	24. 09.2012 -
Institution	University of Zagreb, Faculty of Textile Technology
Position	Associate professor
Work field	Organic chemistry, medicinal chemistry, applied chemistry and teaching
Date (from – until)	10.07.2007 – 24. 09.2012
Institution	University of Zagreb, Faculty of Textile Technology
Position	Assistant professor
Work field	Organic chemistry, medicinal chemistry, applied chemistry and teaching
Date (from – until)	01.09.2001 - 10.07.2007
Institution	University of Zagreb, Faculty of Textile Technology
Position	Assistant
Work field	Organic chemistry, medicinal chemistry and teaching
Date (from – until)	01.09.1997 - 01.09.2001
Institution	University of Zagreb, Faculty of Chemical Engineering and Technology
Position	Scientific novice
Work field	Organic and medicinal chemistry

### **EDUCATION**

Date	2001 - 2005
Place	Zagreb
Institution	Faculty of Chemical Engineering and Technology
Title of qualification awarded	PhD in natural science

Date 1997 - 2001  
Place Zagreb  
Institution Faculty of Chemical Engineering and Technology  
Title of qualification awarded Masters in natural science

Date 1990 - 1997  
Place Zagreb  
Institution Faculty of Chemical Engineering and Technology  
Title of qualification awarded Bachelour's Degree in chemistry

Date 1984 - 1988  
Place Rijeka  
Institution Electrotechnical High School  
Title of qualification awarded Electrotechnician

## LANGUAGES

MOTHER TONGUE croatian  
ENGLISH LANGUAGE yes  
speaking good  
writing very good  
reading very good

Language Italian  
Speaking excellent  
Writing excellent  
Reading excellent

## RESEARCH AND OTHER PROJECTS

2014 – Today, collaborator of the project " Synthesis and Cytostatic Evaluations of Novel Nitrogen Heterocycles library " (HRZZ)

2013 - Today, leader of the national project "Investigation of New Multifunctional Dyestuffs and Optical Brighteners" (117-0000000-3283) (MZOŠ)

2008 - 2013, collaborator of the national project "Investigation of New Multifunctional Dyestuffs and Optical Brighteners" (117-0000000-3283) (MZOŠ)

2013 – 2014, leader of University scientific support "Benzazole ligands and their metal complexes-new dyes and biologically active compounds" (5.12.1.1 –Support 1) (UniZg)

2007 - Today, collaborator of the national project "Molecular modelling of structure and reactivity of organic compounds" (119-1191342-1339) (MZOŠ)

2002 - 2006, collaborator on the project "New Heterocyclic Compounds; Synthesis, Anti-infective and Antitumor Activity" (0125005) (MZOŠ)

1997 - 2002, collaborator on the project "Synthesis of Novel Nonnucleosidic Heterocycles for treating HIV" (125005) (MZOŠ)

1996 - 1999, collaborator on the american-croatian project "Bis-benzothiazolyl Amidines as Potential Anti-HIV Opportunistic Diseases Agents" (MZOŠ and National Institute of Health, Bethesda, Washington DC)

## **TEACHING**

*Undergraduate study:*

- Organic Chemistry I; Textile Chemistry, Polymer Chemistry

*Graduate study:*

- Chemistry of Dyes; Organic Chemistry II; Basic Spectroscopic Analysis

*Postgraduate study:*

- Multifunctional Dyes and Pigments

## **MENTORSHIPS OF DOCTORAL AND MASTER DISSERTATIONS AND TRAINING OF YOUNG RESEARCHERS AND SCIENTISTS**

Supervisor of 5 Bachelor's degree works, supervisor of 2 Final master works, self-actuated supervisor of several Bachelor's degree works

## **AWARDS AND RECOGNITIONS**

1994 and 1995 University of Zagreb, Rector's award

## **MEMBERSHIP IN SCIENCE ORGANIZATIONS AND BODIES**

Member of Croatian Chemical Society and Society of Textile Engineers

## **COMMISSIONS, COMMITTEES, BOARDS AND WORK GROUPS**

2012- today Coordinator for student support at the Faculty of Textile Technology

2012-2014 Head of the Department of Applied Chemistry at the Faculty of Textile Technology

2008-2013 Coordinator of Occupational Safety Committee at the Faculty of Textile Technology

## PAPERS

### CC scientific papers:

1. L. Racané, R. Stojković, V. Tralić-Kulenović, H. Cerić, M. Đaković, K. Ester, A. Mišir Krpan, M. Radić Stojković, *Eur. J. Med. Chem.* **86** (2014) 406-419. IF (2013) = 3.432; Q1; citiranost: 0.
2. L. Racané, S. Kraljević Pavelić, R. Nhili, S. Depauw, C. Paul-Constant, I. Ratkaj, M-H. David-Cordonnier, K. Pavelić, V. Tralić-Kulenović, G. Karminski-Zamola, *Eur. J. Med. Chem.* **63** (2013) 882-891. IF = 3.432; Q1
3. L. Racané, Z. Mihalić, H. Cerić, J. Popović, V. Tralić-Kulenović, *Dyes Pigments*, **96** (2013) 672-678. IF (2012)= 3.532; Q1
4. L. Racané, S. Kraljević Pavelić, I. Ratkaj, V. Stepanić, K. Pavelić, V. Tralić-Kulenović, G. Karminski-Zamola, *Eur. J. Med. Chem.* **55** (2012), 108-116. IF = 3.499; Q1
5. L. Racané, H. Čičak, Z. Mihalić, G. Karminski-Zamola, V. Tralić-Kulenović, *Tetrahedron*, **67** (2011) 2760-2767 IF = 3.025; Q2
6. L. Racané, V. Tralić-Kulenović, S. Kraljević Pavelić, I. Ratkaj, P. Peixoto, R. Nhili, S. Depauw, M.P. Hildebrand, M.H. David-Cordonnier, K. Pavelić, G. Karminski-Zamola, *J. Med. Chem.* **53** (2010) 2418-2432. IF = 5,207; Q1
7. L. Racané, M. Kralj, L. Šuman, R. Stojković, V. Tralić-Kulenović, G. Karminski-Zamola, *Bioorg. Med. Chem.* **18** (2010) 1038-1044; IF = 2,978; Q2
8. H. Čičak, M. Đaković, Z. Mihalić, G. Pavlović, L. Racané, V. Tralić-Kulenović, *J. Mol. Structure*, **975** (2010) 115-127. IF = 1,599; Q3
9. G. Pavlović, L. Racané, H. Čičak, V. Tralić-Kulenović, *Dyes Pigments*, **83** (2009) 354-362. IF = 2,855; Q1
10. G. Pavlović, L. Racané, V. Tralić-Kulenović, *Acta Cryst. E*, **E65** (2009) o1263-o1264. IF = 0,411; Q4
11. G. Pavlović, L. Racané, V. Tralić-Kulenović, *Acta Cryst. E*, **E65** (2009) o1215. IF = 0,411; Q4
12. L. Racané, V. Tralić-Kulenović, Z. Mihalić, G. Pavlović, G. Karminski-Zamola, *Tetrahedron* **64** (2008) 11594-11602. IF = 2,897; Q2
13. L. Racané, V. Tralić-Kulenović, R.P. Kitson, G. Karminski-Zamola, *Monatsh. Chem.* **137** (2006) 1571-1577; IF = 0,920; Q3
14. L. Racané, R. Stojković, V. Tralić-Kulenović, G. Karminski-Zamola, *Molecules*, **11** (2006) 325-333. IF = 0,841; Q3
15. L. Racané, V. Tralić-Kulenović, G. Pavlović, G. Karminski-Zamola, *Heterocycles*, **68** (2006) 1909-1916. IF = 1,077; Q3
16. R. Stojković, G. Karminski-Zamola, L. Racané, V. Tralić-Kulenović, Lj. Glavaš-Obrovac, S. Ivanković, M. Radačić, *Methods Find Exp. Clin. Pharmacol.* **28** (2006) 347-354. IF = 0,847; Q4
17. D. Matković-Čalogović, Z. Popović, V. Tralić-Kulenović, L. Racané, G. Karminski-Zamola, *Acta Cryst. C*, **C59** (2003) o190-o191. IF = 0,828; Q3
18. Z. Popović, G. Pavlović, Ž. Soldin, V. Tralić-Kulenović, L. Racané, *Acta Cryst. C*, **C59**, (2003), M4-M6. IF = 0,828; Q3
19. L. Racané, V. Tralić-Kulenović, W.D. Boykin, G. Karminski-Zamola, *Molecules*, **8** (2003) 342-349. IF = 0,911; Q3
20. V. Tralić-Kulenović, L. Racané, G. Karminski-Zamola, *Spectroscopy Lett.* **36** (2003) 43-50. IF = 0,576; Q4
21. L. Racané, V. Tralić-Kulenović, L. Fišer-Jakić, W.D. Boykin, G. Karminski-Zamola, *Heterocycles*, **55** (2001) 2085-2098. IF = 0,970

22. V. Tralić-Kulenović, G. Karminski-Zamola, L. Racané, L. Fišer-Jakić, *Heterocyclic Comm.* **4** (1998) 423-428. IF = 0,469
23. L. Racané, V. Tralić-Kulenović, G. Karminski-Zamola, L. Fišer-Jakić, *Monatsh. Chem.*, **126** (1995), 1375-1381. IF = 0,643

#### **OTHER RESEARCH ACTIVITIES**

Reviewer of several scientific papers

#### **COMPUTER SKILLS**

Familiar with Windows and MS-DOS operating systems, Proficient in MS Office, CorellDraw, ChemOffice, OriginPro.

#### **OTHER IMPORTANT SKILLS AND COMPETENCES**

Instrumentation experience: IR and Raman spectroscopy, Ultraviolet and visible spectroscopy, Florescence spectroscopy, GC-MS, HPLC-MS, <sup>1</sup>H and <sup>13</sup>C NMR spectroscopy.

#### **ADDITIONAL INFORMATION AND NOTES**