

## Curriculum vitae

**Nume și prenume:** Florentin TACHE

**Data nașterii:** 27 iulie 1958, Brașov, jud. Brașov

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**Poziția actuală:** Lector doctor, Catedra de Chimie Analitică, Facultatea de Chimie, Universitatea din  
București

**Activitatea didactică:**

Chimie Analitică Cantitativă (lb. Engleză) (2005 – 2007)

Metode de Separare și Analiză de Urme (lb. Engleză) (2006 - 2007).

**Domenii de cercetare:**

Dezvoltare, optimizare și validare de:

- metode spectrometrice de analiză;
- metode cromatografice.

**Afilieri:**

Membru al Societății de Chimie Analitică din România

**Lucrări cu factor de impact ISI:**

1. *Specificity of an analytical HPLC assay method of Metformin hydrochloride.* Tache, Florentin; Albu, Monica. **Revue Roumaine de Chimie**, 2007, 52(6), 603–609.
2. *Considerations on MS/MS detection of bromazepam after liquid chromatographic separation from plasma samples: application to a bioequivalence study.* Albu, Florin; Georgiță, Cristina; Tache, Florentin; Mutihac, Lucia; Medvedovici, Andrei; David, Victor. **Journal of Liquid Chromatography & Related Technologies**, 2007, 30 (18), 2699-2715.
3. *Solvent and salting effects and sample preparation procedure for determination of fenofibric acid in human plasma by HPLC-DAD.* Lovin, Ionel, Albu, Florin, Tache, Florentin, David, Victor, Medvedovici, Andrei. **Microchemical Journal**, 2003, 75 pg. 179 - 187.
4. *Validation of the assay of Metoprolol in human plasma using liquid-liquid extraction and high performance liquid chromatography with fluorescence detection.* Farca, Alexandru; Tache, Florentin; Medvedovici, Andrei; David, Victor. **Chemia Analityczna** (Warsaw, Poland), 2003, 48, pg. 677-686.
5. *Validation of a LC-fluorescence method for determination of free Captopril in human plasma, using a pre-column derivatization reaction with monobromobimane.* Tache, Florentin; Farca, Alexandru; Medvedovici, Andrei; David, Victor. **Journal of Pharmaceutical and Biomedical Analysis**, 2002, 28(3-4), 549-557.
6. *A simple and fast method for the determination of Ranitidine in human plasma by HPLC-DAD.*

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David, Victor; Ionescu, Mihaela; Tache, Florentin; Medvedovici, Andrei. **Chemia Analityczna** (Warsaw, Poland), **2001**, 46(6), pg. 865-871.

7. *SPE-HPLC-DAD determination of Triton X-100 in perfusable solutions.* Medvedovici, Andrei; David, Victor; Tache, Florentin; David, Frank; Sandra, Pat. **Analytical Letters**, **2001**, 34(9), pg. 1477-1486.

8. *HPLC-DAD determination of Metformin in human plasma using derivatization with p-nitrobenzoyl chloride in a biphasic system.* Tache, Florentin; David, Victor; Farca, Alexandru; Medvedovici, Andrei. **Microchemical Journal**, **2001**, 68(1), 13-19.

9. *Information amount obtained at the separation and characterization for some natural fruit oils by CGC-MS technique.* David, Victor; Medvedovici, Andrei; Tache, Florentin. **Annali di Chimica** (Rome), **1998**, 88(7-8), 577-585.

### Lucrări fără factor de impact ISI

10. *CGC-MS Separation and Characterization of Some Natural Fruit Extracts.* Medvedovici, Andrei, David, Victor, Tache, Florentin, Baiulescu, George-Emil, Sandra, Pat. **Proceedings of Sixteenth International Symposium on Capillary Chromatography**, Riva-del-Garda, Italy, **1994**, Vol. I, pg. 771-784.

11. *Micro-HPLC separation of some thenoyltrifluoroacetates.* Tache, Florentin; Medvedovici, Andrei; Baiulescu, George-Emil. **Southern Brazilian Journal of Chemistry**, **1994**, 2(2), pg. 21-31.

### Cărți/Capitole de carte

1. *Captopril.* Tache, Florentin; Farca, Alexandru; Medvedovici, Andrei; David, Victor. **Encyclopedia of Endocrine Diseases**, vol. I, (Ed. L.Martini), Elsevier, **2004**, pg. 447 - 450.

2. *Amperometric determination of glucose based on glucose oxidase/catalase modified electrode.* Tache, Florentin, Ciucu, Anton, în **Biosensors for Environmental Monitoring**, Ed. Ars Docendi, București, **2000**, ISBN 973-8118-24-7, pg. 18 – 22,

3. **Noțiuni fundamentale și mărimi caracteristice în cromatografie**, Medvedovici, Andrei; Tache, Florentin, Editura Universității din București, **1997**, ISBN 973-575-171-2.