



Phone: +2011-14569684

E-Mail: Ahmedow73@yahoo.com

Ahmed Abdullah Abdel Fattah Younes

➤ **Personal information:**

- **Marital status:** Married.
- **Nationality:** Egyptian
- **Date of Birth:** 07 february1981
- **Country of birth:** Egypt
- **Country of Nationality:** Egypt
- **Place/state of birth:** Cairo

➤ **Education:**

1. Bachelor's Degree in Chemistry (May 2002)

Faculty of Science-Chemistry Department-Helwan University

2. Master Degree in Analytical Chemistry (July 2007)

Title of the thesis "On-Line Preconcentration System for the Determination of Some Pollutants in Aqueous Media"

Chemistry Department-Faculty of Science-Helwan University

3. Doctoral Degree in Analytical Chemistry (June 2012)

Title of the thesis "Evaluation of Recently Introduced Polysaccharide-Based Chiral Stationary Phases to Update Generic Separation Strategies in NPLC and RPLC"

Analytical Chemistry and Pharmaceutical Technology Department-Faculty of Pharmacy and Medicine - Free University Brussels (VUB) - Belgium.

➤ **List of publications:**

- 1. Removal of Trace Contaminants from Water Using New Chelating Resins,** Mohamed A. Sharaf, Hassan A. Arida, Said A. Sayed, Ahmed A. Younes , A. B. Farag, Analytical Letters, 40 (2007) 3443 – 3456.
- 2. Separation and Preconcentration of Some Heavy Metal Ions Using New Chelating Hydrogels,** Mohamed A. Sharaf, Hassan A. Arida, Said A. Sayed, Ahmed A. Younes , A. B. Farag, Journal of Applied Polymer Science 113 (2009) 1335-1344.
- 3. Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Part I: Enantioselectivity under Generic Screening Conditions,** Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, Journal of Pharmaceutical and Biomedical Analysis 55 (2011) 414-423.
- 4. Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part II. Optimization of Enantioselectivity,** Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, Journal of Pharmaceutical and Biomedical Analysis 56 (2011) 521-537.
- 5. Chiral Separations in Reversed-Phase Liquid Chromatography: Evaluation of Several Polysaccharide-Based Chiral Stationary Phases for a Separation Strategy Update,** Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, Journal of Chromatography A 1269 (2012) 154-167.
- 6. A Separation Strategy Combining three HPLC Modes and Polysaccharide-Based Chiral Stationary Phases,** Ahmed A. Younes, Hasret Ates, Debby Mangelings, Yvan Vander Heyden, Journal of Pharmaceutical and Biomedical Analysis 75 (2013) 74-85.
- 7. Enantioselectivity of Polysaccharide-Based Chiral Stationary Phases in Polar Organic Solvents Chromatography: Implementation of Chlorine-Containing Selectors in a Separation Strategy,** Hasret Ates, Ahmed A. Younes, D. Mangelings, Y. Vander Heyden, Journal of Pharmaceutical and Biomedical Analysis 74 (2013) 1-13.

8. **Impact of Test-set Reduction on the Chromatographic Systems of a Predefined Chiral RPLC Screening Step**, Ahmed A. Younes, Hasret Ates, Bart Desmedt, Debby Mangelings, Yvan Vander Heyden, in preparation.
9. **Normal phase and polar organic phase liquid chromatography**, Ahmed A. Younes, C. Galea, D. Mangelings, Y. Vander Heyden, Analytical Separation Science Voll (Anderson), accepted (2014), in press
10. **Impact of Test-set Reduction on the Chromatographic-Systems Selection for Chiral RPLC and NPLC Screening Steps**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden in preparation
11. **Chiral Separations on Polysaccharide-Based Chiral Stationary Phases: Influence of Alcoholic Mobile Phase Modifiers**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, in preparation

➤ **Oral presentations:**

1. **Update of Generic Chiral Separation Strategies for Pharmaceutical Compounds using Chromatographic and Electrophoretic Techniques**, D. Mangelings, H. Ates, K. De Klerck, A. Hendrickx, Ahmed A. Younes, Y. Vander Heyden, The 34th symposium on Chromatographic Methods of Investigating the Organic Compounds, 8-10 June 2011, Szczyrk-Poland.
2. **Update of generic chiral separation strategies for pharmaceutical compounds using chromatographic and electrophoretic techniques**, D. Mangelings, A. Hasret, K. De Klerck, A. Hendrickx, Ahmed A. Younes, Y. Vander Heyden, The 33th International Symposium on Chiral Discrimination (ISCD 23), 10-13th July 2011, University of Liverpool, Liverpool (UK).
3. **Generic Chiral Separation Strategies for Pharmaceutical Compounds using Chromatographic and Electrophoretic Techniques**, D. Mangelings, H. Ates, K. De Klerck, A. Hendrickx, Ahmed A. Younes, Y. Vander Heyden, The 18th International Symposium on Electro- and Liquid Phase-separation Techniques, 28-31 August 2011, Tbilisi, Georgia.

4. **Chiral Separations In Normal Phase Liquid Chromatography: Separation Strategy Update Using Recently Introduced Polysaccharide-based Chiral Stationary Phases**, Ahmed A. Younes, D. Mangelings, Y. Vander Heyden, The Research Unlimited Day- March 27th 2012 - Vrije Universiteit Brussel, Brussels, Belgium.
5. **Chiral Separations In Normal Phase Liquid Chromatography: Separation Strategy Update Using Recently Introduced Polysaccharide-based Chiral Stationary Phases**, D. Mangelings, H. Ates, K. De Klerck, A. Hendrickx, Ahmed A. Younes, Y. Vander Heyden, The Research Unlimited Day- March 27th 2012 - Vrije Universiteit Brussel - Brussels – Belgium
6. **Chiral Separations in Reversed-Phase Liquid Chromatography: Enantioselectivity of Several Polysaccharide-Based Selectors**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, Belgian pharmaceutical society, 16th Forum of Pharmaceutical Sciences, May 7 and 8, 2012, Blankenberge, Belgium.
7. **Separation Strategies in HPLC for the Enantiomeric Separation of Pharmaceuticals on Polysaccharide-Based Chiral Stationary Phases**, Ahmed A. Younes, H. Ates, D. Mangelings, Y. Vander Heyden, the 35th symposium on Chromatographic Methods of Investigating the Organic Compounds, May 30th – June 1st, 2012, Katowice - Szczyrk, Poland.
8. **Combining Three HPLC Modes and Polysaccharide-based Chiral Stationary Phases in One Generic Separation Strategy**, D. Mangelings, Ahmed A. Younes, H. Ates, Y. Vander Heyden, HPLC 2013: 39th International Symposium on High Performance Liquid Phase Separations and Related Techniques, 16-20 June 2013, Amsterdam, the Netherlands.
9. **Generic Chiral Separation Strategies for Pharmaceutical Compounds using Chromatographic and Electrophoretic Techniques**, D. Mangelings, H. Ates, K. De Klerck, A. Hendrickx, Ahmed A. Younes, D. Albals, Y. Vander Heyden, Pittcon 2016, 6-10 March 2016, Atlanta-Georgia (US).

➤ **Poster presentations:**

1. **Removal of Trace Contaminants from Water Using New Chelating Resins**, Mohamed A. Sharaf, Hassan A. Arida, Said A. Sayed, Ahmed A. Younes, A. B. Farag, International Conference on Chemistry and its role in Development (ICCRD 9)- April 16th-19th 2007- Mansoura & Sharm El-Sheikh – Egypt.

2. **Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part I: Enantioselectivity at Screening Conditions**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, PhD Research Day - May 28th 2010 - Vrije Universiteit Brussel - Brussels – Belgium.
3. **Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part I: Enantioselectivity at Screening Conditions**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, DA-2010, Drug Analysis 2010, 21-24 September 2010, Antwerp, Belgium.
4. **Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part II: Enantioselectivity at Optimization Conditions**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, PhD Research Day- April 5th 2011 - Vrije Universiteit Brussel - Brussels – Belgium.
5. **Chiral Separations in Normal Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part II: Enantioselectivity at Optimization Conditions**, Ahmed A. Younes, D. Mangelings, Y. Vander Heyden, the 34th Symposium: Chromatographic methods of investigating the organic compounds, 8-10 June 2011, Szczyrk-Poland.
6. **Chiral Separations in Reversed-Phase Liquid Chromatography: Enantioselectivity of Recently Commercialized Polysaccharide-Based Chiral Selectors Part I: Enantioselectivity Under Generic Screening Conditions**, Ahmed A. Younes, Debby Mangelings, Yvan Vander Heyden, RDPA 2011 - Recent Development in Pharmaceutical Analysis 2011, the 14th international meeting, 21-24 September 2011, Pavia, Italy
7. **Chiral Separations in Reversed-Phase Liquid Chromatography: Enantioselectivity of Several Polysaccharide-Based Selectors Part II: Separation Optimization**, Ahmed A. Younes, K. De Klerck, D. Mangelings, Y. Vander Heyden, HPLC 2012, 16-21 June 2012, Anaheim, CA, USA.
8. **Chlorinated and non-chlorinated polysaccharide-based chiral stationary phases: Influence of alcoholic mobile phase modifiers on enantioselectivity under NPLC conditions**, Ahmed A. Younes, D. Mangelings, Y. Vander Heyden, Drug Analysis 2014 - 10th International Symposium

on Drug Analysis - 25th International Symposium on Pharmaceutical and Biomedical Analysis, 22-25 June 2014, Liège, Belgium.

➤ **Supervision of master thesis students at VUB**

1. **Tineke Commerman**, Generic strategy for chiral separations in reversed phase liquid chromatography with new chiral selectors, academic year 2010-2011.

2. **Hamida Hosseini Ahadi**, Enantioselectivity optimization in reversed phase liquid chromatography, academic year 2011-2012.

➤ **Current position:**

Assistant professor of analytical chemistry, Chemistry department, Faculty of science, Helwan University

➤ **Teaching Experiences:**

Three years of experience in teaching the following courses for undergraduate students

1. General chemistry
2. Volumetric analysis (Acid-base, Precipitation, complex and redox titration)
3. Gravimetric analysis
4. Instrumental analysis (spectrophotometry, fluorescence, atomic spectroscopy, etc.)
5. Chromatographic methods of analysis (HPLC, GC, SFC, etc.)

➤ **Computer skills:**

Excellent with Microsoft Office package (Word, Excel, Access, PowerPoint, FrontPage and Outlook)

➤ **Language skills:**

Arabic: Mother Tongue. English: Fluent spoken and written. French: Basic level.